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July 15, 2015

Mr. Joseph Kelly
Project Manager
USEPA, Region 5
77 West Jackson Boulevard
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Chicago, IL 60604-3590

Subject: **RCRA 3008(h) Administrative Order on Consent (RCRA-05-2010-0012) – Tecumseh Products Company Second Quarter 2015 Progress Report – MID 005-049-440**

Dear Mr. Kelly:

Pursuant to Section VI of the above referenced Administrative Order on Consent (Consent Order) effective March 29, 2010, TRC Environmental Corporation (TRC), on behalf of the Respondent Tecumseh Products Company (TPC), submits this Second Quarter 2015 Progress Report. This report describes activities related to the Consent Order completed by TPC during the second quarter 2015 and planned for completion in the near future. The organization of this document includes, as major headings, the items required under Sections V through VIII of the Consent Order.

V. Project Manager

- The TPC Project Manager is Graham Crockford of TRC.
- The USEPA Project Manager is Joseph Kelly.

VI. Work to be Performed – Remedial Investigation Report and Environmental Indicators Reports

1. A description of activities related to the completion of the Remedial Investigation (RI) Report and the Environmental Indicator (EI) Reports:

- **Investigation Activities**
  - **Characterize Releases at or from the Facility –** The findings of source area investigation activities completed through August 2012 are documented in the September 2012 Remedial Investigation and Groundwater Environmental Indicator Report (2012 RI/EI

Report). A Supplemental Groundwater Investigation Workplan was submitted and implemented during the first quarter 2013. A technical memorandum documenting the findings of those investigation activities was submitted as an attachment to the Second Quarter 2013 Progress Report. A passive soil gas (PSG) survey was completed through the central and southern portion of the former TPC building during the third quarter 2013. A Technical Memorandum which summaries the findings of the 2013 PSG survey was included as an appendix to the First Quarter 2014 Progress Report. In April 2014 a supplemental PSG survey was conducted by TRC to further evaluate certain discrete areas requested by USEPA including the former engineering area, drum storage areas, tank area, areas adjacent to railroad spurs where loading and unloading may have occurred, and the area east/southeast of the southern portion of the building where a number of outbuildings and two hazardous waste storage areas were located. A technical memorandum which summarized the findings of the 2014 PSG survey was submitted to USEPA in June 2014. A source area membrane interface probe (MIP) investigation was conducted between June 2014 and July 2014. MIP data were submitted to USEPA as they became available. TRC submitted the MIP Investigation Report and Workplan for High Resolution Site Characterization on December 31, 2014. The Revised MIP Investigation Report and Workplan for High Resolution Site Characterization was submitted on March 11, 2015 (HRSC Workplan). Field activities described in the HRSC Workplan were completed between April 2015 and June 2015. Preliminary data were reported to USEPA as they became available. A Supplement to the 2012 RI/EI Report will be submitted in July 2015. This Supplement will include tabulated soil and groundwater data, soil boring logs and laboratory reports from the HRSC Investigation. Development of a correlation between MIP and groundwater chemistry data, as well as preparation of a 3D visualization are also planned. This will not be completed by July 31, 2015. These correlation data and model outputs will be completed during the third quarter 2015 and provided to USEPA by October 15, 2015. TPC will use this data for the development of the Final Corrective Measures Proposal, which is currently scheduled to be submitted to USEPA by January 31, 2016.

– **Define Appropriate Screening Criteria –** Screening criteria are described in detail in the 2012 RI/EI Report and the 2013 Supplement to the Current Human Exposures Under Control Environmental Indicator Report. Screening criteria include:

  - Generic Michigan Department of Environmental Quality (MDEQ) Part 201 Cleanup Criteria;
  - MDEQ Screening levels for the volatilization to indoor air migration pathway, as documented in the 2013 MDEQ *Guidance Document for the Vapor Intrusion Pathway*;

- MDEQ Rule 57 Surface Water Quality Values; and
- A site-specific groundwater contact criterion for trichloroethene (TCE) which reflects the 2011 revisions to TCE toxicity data.

In June 2015, USEPA released final vapor intrusion guidance. Screening levels for vapor intrusion will be evaluated in the context of this guidance, and updated as appropriate. This guidance, and the references therein, may also be used to support the development of building specific screening levels for large non-residential buildings within the area of potential volatilization to indoor air.

– **Define Any Unacceptable Risks to Human Health –** The 2011 Current Human Exposures Under Control Environmental Indicator Report (2011 EI Report) provided the required demonstration of current human exposures to affected media under control. In September 2013 the Supplement to the Current Human Exposures Under Control Environmental Indicator Report (2013 Supplemental EI Report) was prepared and submitted to address USEPA comments (provided between December 2011 and October 2012) and to provide additional data and documentation verifying the 2011 EI Report. USEPA provided comments on the 2013 Supplemental EI Report on January 31, 2014. During the May 2014 project meeting with USEPA, TPC agreed to attempt (contingent on owner agreement) to further verify this assessment at nine residential properties north of the site and one non-residential property east of the site. During the third quarter 2014, TPC was able to complete indoor air sampling (5 total) and/or sub-slab depressurization/ventilation system installation (5 total) at each of the nine residential properties. No indoor air criteria exceedances were found.

Following extended discussion, the owner of the non-residential property east of the site agreed to allow the installation of soil gas sample points at each corner of the main (occupied) building on that property. Soil gas sample points were installed in late September 2014, and the initial sample event was completed in October 2014 as documented in the October 30, 2014 letter report to the property owner. Soil gas sample results from the November 2014 soil gas sample event confirm the initial sample results. A sub-slab soil gas sample point was installed in the northeast corner of the industrial building located south to the TPC site in February 2015, and an initial sample event was completed in March 2015. Sample results from June 2015 indicate the TCE concentration at this location exceeds the generic non-residential sub-slab soil gas screening level (SGSL). As described in the June 2015 *OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway for Subsurface Vapor Sources to Indoor Air* (OSWER Publication 9200.2-154), this SGSL is dependent on building volume, the air exchange rate, and slab construction. The guidance allows for the use of appropriate building specific data when evaluating vapor intrusion into large non-residential buildings. TRC intends to calculate

a building specific attenuation factor for this property. Given the size of building in question (approximately 80,000 square feet), calculation of a building specific attenuation factor is likely to indicate that sub-slab soil gas concentrations are acceptable.

Based on recent data from soil gas sample point SG-20, TPC completed indoor sampling at the four residential properties near this location in May 2015. Sample results were reported to homeowners and USEPA as they became available. TCE, the constituent of concern that prompted this testing, was not detected at any of the indoor air samples despite comparably high soil gas concentrations during the second quarter 2015 soil gas sampling event.

Additionally, results of the vertical profile sampling described in the HRSC Workplan will be used to determine if further verification/assessment of the vapor intrusion potential at additional residential properties downgradient of the site should be completed. This data evaluation will be completed during the third quarter 2015 and will be provided to USEPA by October 15, 2015.

– **Define Any Unacceptable Risks to the Environment –** The potential for unacceptable risk to the environment related to the discharge of affected groundwater to nearby surface water and wetlands was evaluated in the 2012 RI/EI Report. This evaluation includes the use of site-specific mixing zone-based GSI criteria. Data collected to date do not indicate an unacceptable risk to the environment. Supplemental investigation is proposed to be completed in the wetlands east of MW-31 to address MDEQ comments on the Mixing-Zone Evaluation. Pending site access, TRC anticipates that this will be completed in August/September 2015. Data from this investigation will be used to supplement the August 2013 application for a site specific mixing zone-based GSI. Findings of this investigation will be summarized in the fourth quarter 2015 progress report, and considered in the Final Corrective Measures Proposal.

– **Determine the Stability of Contaminated Groundwater –** Pursuant to the Consent Order, the 2012 RI/EI Report was submitted in 2012, demonstrating that the migration of all groundwater known or reasonably suspected to be contaminated with hazardous wastes or hazardous constituents above acceptable levels was stabilized to remain within any existing areas of contamination as defined by monitoring locations designated at the time of the demonstration. In addition, the 2012 RI/EI Report demonstrated that any discharge of groundwater to surface water was either insignificant or currently acceptable according to an appropriate interim assessment. Since that time, TPC/TRC have collected monitoring and measurement data as necessary to verify that migration of any contaminated groundwater is stabilized, as required by the Consent Order. Groundwater stability will be re-evaluated and reported to the agency in July 2015.

- **Response and Mitigation Measures –** Response and mitigation measures conducted through 2013 are documented in the 2011 EI Report, the 2012 RI/EI Report, and the 2013 Supplemental EI Report. These measures include:
  - A local groundwater use ordinance;
  - The decommissioning of private wells in the vicinity of affected groundwater;
  - A Declaration of Restrictive Covenant and License Agreement Regarding Environmental Work for the site;
  - Mitigation of on-site indoor air in areas that were occupied or are expected to be occupied in the future, including:
    - Installation of a sub-slab depressurization/ventilation (SSDV) system in S-Building (the office area for the site manager)[1]; and
    - Installation of a soil vapor extraction (SVE) system in P-Building.
  - Monitoring and mitigation of off-site indoor air including:
    - Installation of a SSDV system at one residential property east of the site and five residential properties north of the site;
    - Completion of crawlspace sampling activities at four residential properties east of the site and one residential property north of the site;
    - Completion of indoor air sampling at three residential properties north of the site and four residential properties west of the site;
    - Installation of a permeable reactive barrier (PRB) downgradient of the southern source area to address the potential off-site vapor intrusion pathway, by treating shallow groundwater affected with chlorinated volatile organic compounds (CVOCs) before the groundwater migrates off-site (tables which document the results of the second quarter 2015 PRB performance monitoring are included as Appendix A); and
    - Installation of a perimeter SVE system as described in the November 2013 Workplan to Install a Perimeter Soil Vapor Extraction System.[2]

[1] At present, the building is no longer occupied by the site manager or any other regular employees. The site owner has disconnected electrical service. Consequently, this SSDV system is not, at present, operating.
[2] Operation of the perimeter SVE system began on March 7, 2014, using a rental SVE blower unit. The permanent blower enclosure was installed on July 10, 2014.

- **Reporting and Summary of Work Completed**
  - **Environmental Indicators Report: Current Human Exposures Under Control –** TRC submitted the 2011 EI Report to USEPA on September 29, 2011. USEPA provided TPC with comments regarding the 2011 EI Report on December 5, 2011. TPC responded to USEPA comments on December 19, 2011. On December 28, 2011, USEPA proposed an extension for USEPA to complete the CA-725 Form until December 12, 2012, so that confirmation indoor air/crawlspace sampling data from the residential properties east of the site (610 Mohawk, 704 Mohawk, 502 Mohawk, 505 South Maumee Street, and 507 South Maumee Street) could be evaluated by USEPA. This work was completed as intended during the fourth quarter 2012. However, during an October 29-30, 2012 project meeting, USEPA requested additional work, which TPC set forth in a Technical Memorandum dated December 5, 2012 and Revised December 19, 2012. Those action items included:
    - Table summaries related to the conceptual site model (included in the Fourth Quarter 2012 Quarterly Progress Report); and
    - Four consecutive soil gas sample events at soil gas monitoring locations north and west of the site after SVE system installation (through second quarter 2013), in order to further document the effectiveness of the SVE system.

    On March 6, 2013, USEPA extended the date for the Current Human Exposures Demonstration to September 30, 2013 to allow TPC to complete the above described work. Consistent with this extension, the 2013 Supplemental EI Report was submitted to USEPA on September 30, 2013. USEPA provided comments on the 2013 Supplemental EI Report on January 31, 2014. During the May 2014 project meeting with USEPA, TPC agreed to attempt (contingent on owner agreement) to further verify this assessment at nine residential properties north of the site and at one non-residential property east of the site. As described above, initial assessment and/or mitigation was completed at each property in 2014.

    Data collection and the development of appropriate corrective measures to ensure that current and future human exposures remain under control is ongoing.
  - **Environmental Indicators Report: Groundwater Stabilized –** TRC submitted the 2012 RI/EI Report to USEPA on September 28, 2012. During the October 29-30, 2012 project meeting, USEPA requested the following:
    - Additional sample events at monitoring wells where VOC concentration data exhibit relatively high standard deviation.

- Preparation of a workplan to address USEPA comments regarding groundwater stability and remedial investigation activities. The Supplemental Groundwater Investigation Workplan for the Former Tecumseh Products Company Site in Tecumseh, Michigan was submitted and implemented during the first quarter 2013.
- Installation of additional monitoring wells and subsequent monitoring at those locations in accordance with the Supplemental Groundwater Investigation Workplan.

On March 6, 2013, USEPA extended the date for the Remedial Investigation and Groundwater Environmental Indicator Determination to July 31, 2015. This extension allowed TPC to complete eight quarterly sample events prior to the submittal of a Supplement to the 2012 RI/EI Report at monitoring locations which were installed in March 2013.

The January 2014 USEPA comment letter regarding the 2013 Supplemental EI Report extended beyond the scope of current human exposures to provide additional comments on the remedial investigation and on groundwater stability. In 2014, additional on-site and perimeter investigation activities were completed and a HRSC Workplan was prepared to address concerns raised in that comment letter and the subsequent May 2014 project meeting regarding the extent and stability of affected groundwater. Field activities described in the HRSC Workplan were completed between April 2015 and June 2015. Preliminary data were reported to USEPA as they became available. A Supplement to the 2012 RI/EI Report which will include an assessment of groundwater stability at existing monitoring locations, including those installed in 2012, will be submitted in July 2015.

– **Remedial Investigation Report –** TRC submitted the Remedial Investigation Report with the 2012 RI/EI Report to USEPA on September 28, 2012. As described above, USEPA extended the date for the Remedial Investigation and Groundwater Environmental Indicator Determination to July 31, 2015. In 2014, USEPA requested that additional remedial investigation activities be completed for purposes of HRSC. Field activities described in the HRSC Workplan were completed between April 2015 and June 2015. Preliminary data were reported to USEPA as they became available. A Supplement to the 2012 RI/EI Report will be submitted in July 2015. This Supplement will include tabulated soil and groundwater data, soil boring logs and laboratory reports from the HRSC Investigation. Development of a correlation between MIP and groundwater chemistry data, as well as, preparation of a 3D visualization are also planned. This will not be completed by July 31, 2015. These correlation data and model outputs will be completed during the third quarter 2015 and provided to USEPA by October 15, 2015. TPC will use this data for the development of the Final Corrective

Measures Proposal, which is currently scheduled to be submitted to USEPA by January 31, 2016.

2. A Summary of Activities during the Reporting Period

- March-April 2015 – The first quarter 2015 off-site soil gas sample event was completed.[3] A technical memorandum summarizing soil gas sampling activities and analytical data collected during the first and second quarter 2015 is provided in Appendix B.
- April 2015 – The second revision of the MIP Investigation Report and Workplan for High Resolution Site Characterization was submitted to USEPA. Conditional approval from the USEPA was provided on May 7, 2015.
- April 2015 – The draft First Amendment to the Declaration of Restrictive Covenant was provided to USEPA for review. To date USEPA has not provided any comments.
- April 2015 – The second quarter PRB monitoring event was conducted. Tables with field data, groundwater elevation data and analytical data are provided in Appendix A.
- May 2015 – Operation and maintenance of the P-Building SVE system was completed including the collection of exhaust samples for VOCs analysis to help determine the appropriate timeline for carbon change out.
- May 2015 – Operation and maintenance of the Perimeter SVE system was completed including air filter replacement.
- May 2015 – Indoor air sampling was completed at four residential properties west of the site.
- May 2015 – The regular SSDV system inspection was completed at 704 Mohawk. At the request of the homeowner, the inspection did not include access to the interior of the house.
- May 2015 – Vacuum pressure and methane concentrations were measured at all PRB vent locations and at the two downgradient soil gas sample points (SG-02 and SG-03R).
- May 2015 – The second quarter groundwater sample event was completed, including collection of groundwater elevation data, and 58 samples for VOCs analysis. A summary and evaluation of field activities, groundwater data, and surface water data are provided in Appendix C.
- April-June 2015 – Completion of HRSC Investigation and MIP Confirmation Sampling in general accordance with the Revised MIP Investigation Report and Workplan for High Resolution Site Characterization (HRSC Workplan). Joseph Kelly of USEPA completed a site visit during these investigation activities. Data evaluation and reporting is in progress.

[3] Snow cover and persistent cold through early March 2015 caused the first quarter soil gas sampling event to be delayed. Sampling began on March 30, 2015 and was competed on April 1, 2015.

- June 2015 – Operation and maintenance of the Perimeter SVE system was completed including a regular quarterly system inspection, the collection of exhaust samples for VOCs analysis, and carbon change out.
- June 2015 – The second quarter 2015 off-site soil gas sample event was completed. A technical memorandum summarizing soil gas sampling activities and analytical data collected during the first and second quarter 2015 is provided in Appendix B.

3. A Summary of Contacts with Representatives of Local Community, Public Interest Groups, or State Government during the Reporting Period

- TPC and TRC communicated with residents west of the site to facilitate indoor sampling and to report indoor air sample results.
- At the request of one property owner, TRC provided that owner with a copy of the First Quarter 2015 Progress Report.
- TRC communicated with the Tecumseh District Library personnel in order to update the public repository at the Tecumseh District Library in June 2015.
- TRC communicated with the owner of a residential property east of the site regarding the operation and maintenance of the SSDV system.
- TPC communicated with the owner of a non-residential property east of the site regarding the results of the first quarter soil gas sampling event.
- TPC and TRC communicated with the City of Tecumseh and the potential buyer regarding the status of the ongoing potential demolition, the proposed sale of the property, and redevelopment options for the site.
- TRC communicated with an off-site property owner to coordinate routine groundwater sampling.
- TPC communicated with the City of Tecumseh to confirm ongoing safe access to the main building at the facility.
- TPC communicated with the City of Tecumseh to coordinate HRSC work to be completed in the ROW, including utility locate and temporary parking restrictions where needed.
- TPC and it representatives met with stakeholders in the site redevelopment process including the potential site buyer, his representatives, and representatives from the City of Tecumseh, Lenawee County and the State of Michigan.
- TRC and TPC responded to questions that arose from local residents during HRSC investigation activities.

- TPC communicated with representatives from Herrick Memorial Hospital to coordinate access for the completion of HRSC investigation activities.
- Throughout the second quarter 2015, TRC communicated with the City of Tecumseh Fire Department regarding fire watch activities to help ensure safe access to the building, as required by the City of Tecumseh.

4. A Summary of Problems and Potential Problems Encountered During the Reporting Period

- No new problems were noted during the second quarter 2015.

5. Action Taken to Rectify Problems Identified Above

- No new problems were noted during the second quarter 2015.

6. Changes in Personnel During Reporting Period

- No TPC/TRC project personnel have changed.

7. Projected Work for the Next Reporting Period

- Prepare and submit notices of off-site migration to additional downgradient properties based on vinyl chloride concentrations northeast and southeast of the site;
- Prepare and submit final HRSC data to USEPA including soil and groundwater tables, soil boring logs and laboratory reports;
- Complete the evaluation of HRSC data including development of a correlation between MIP response and groundwater chemistry and preparation of 3D visualization of site data;
- Use HRSC data to determine what additional field activities may be appropriate, specifically whether additional residential properties should be evaluated for vapor intrusion, where additional wells should be installed, and how to more completely assess the groundwater-surface water interface downgradient of the site;
- Complete a statistical groundwater stability analysis at existing monitoring well locations;
- Calculate site-specific sub-slab soil gas screening levels for the property located southeast of the site and report second quarter soil gas sample data to the property owner;
- Continue routine perimeter SVE system operation and maintenance, including documentation of 2014 activities and completion of carbon change out as needed;
- Continue routine P-Building SVE system operation and maintenance, including completion of carbon change out as needed;
- Complete the regular quarterly SSDV system inspection at the residential property located at 704 Mohawk;

- Complete the third quarter 2015 groundwater sampling event and evaluate sampling results;
- Complete the third quarter 2015 off-site soil gas sample event and evaluate sampling results; and
- Collect gas composition readings at vents installed along the length of the PRB.

VI. Work to be Performed – Final Corrective Measures Proposal

Data collected as part of the RI investigations, as described previously in this progress report, will be used to develop the Final Corrective Measures Proposal. Submittal of the Final Corrective Measures Proposal is currently scheduled for January 31, 2016.

VI. Work to be Performed – Final Corrective Measures Implementation

Work related to the Final Corrective Measures Implementation will be initiated following USEPA's Final Decision.

VI. Work to be Performed – Establish Public Repository of Information

TPC established a public repository in the City Clerk's office at City Hall in August 2010. To address USEPA comments, the public repository was relocated to the Tecumseh District Library in November 2011. A notice sheet has been posted on the bulletin board at the Tecumseh District Library which lists and briefly describes the documents included in the public repository. TPC updates the public repository as appropriate.

VII. Access

During the second quarter 2015, access agreements were obtained to collect indoor air samples at four residential properties west of the site. In addition, an access agreement with Herrick Memorial Hospital was obtained for the completion of HRSC borings, for the potential future installation of a monitoring well, and for ongoing routine monitoring of the proposed well.

VIII. Cost Estimates and Assurances of Financial Responsibility

In accordance with the Consent Order, TPC submitted an annually updated cost estimate on January 30, 2015. The cost estimate was $2,052,600. Based on questions from USEPA, clarifications to the cost estimate were submitted on March 2, 2015. In September 2014 a letter of credit for $2,073,800 was issued; this letter of credit will expire in September 2015, at which time a new letter of credit will be obtained. Data from the HRSC investigation is being reviewed to determine the potential effect on the cost estimate.

If you have any questions regarding this progress report, or the attachments, please contact me at (734) 585-7813, or gcrockford@trcsolutions.com.

Sincerely,

TRC Environmental Corporation

Graham Crockford, C.P.G.
Project Manager

Attachments:

Appendix A: Permeable Reactive Barrier Performance Monitoring – Second Quarter 2015 Data Tables and Figures

Appendix B: Summary of the First Quarter 2015 and Second Quarter 2015 Soil Gas Sample Events

Appendix C: Summary of the First Quarter 2015 and Second Quarter 2015 Groundwater Monitoring Events

cc: Susan Perdomo, USEPA
Michael Beedle, USEPA
Colleen Olsberg, USEPA
Bhomma Sundar, USEPA
David Petrovski, USEPA
Mario Mangino, USEPA
Daniel Mazur, USEPA
Chris DeWetter, Tecumseh Products Company
Jason Smith, Tecumseh Products Company
Douglas McClure, Conlin, McKenney & Philbrick, PC
Stacy Metz, TRC Environmental Corporation
Dave Roberts, Tecumseh Food, Machinery & Engineering, LLC
Tecumseh District Library – Public Repository
Mary Speer, Resident

Appendix A
Permeable Reactive Barrier Performance Monitoring – Second Quarter 2015 Data Tables and Figures

Table 1
Groundwater Elevations
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Well Location	Top of Well Casing (ft MSL)	Measurement Date	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft MSL)
PRB-01s	784.06	8/9/2011	5.60	778.46
		10/5/2011	5.91	778.15
		1/11/2012	5.29	778.77
		4/2/2012	5.10	778.96
		7/2/2012	5.81	778.25
		10/2/2012	6.84	777.22
		3/4/2013	7.45	776.61
		6/5/2013	7.19	776.87
		8/26/2013	7.29	776.77
		11/13/2013	7.57	776.49
		5/28/2014	6.69	777.37
		11/10/2014	7.14	776.92
		4/20/2015	7.26	776.80
PRB-02s	784.09	8/9/2011	5.70	778.39
		10/5/2011	5.93	778.16
		1/11/2012	5.29	778.80
		4/2/2012	5.06	779.03
		7/2/2012	5.84	778.25
		10/2/2012	6.85	777.24
		3/4/2013	7.41	776.68
		6/5/2013	7.27	776.82
		8/26/2013	7.28	776.81
		11/13/2013	7.63	776.46
		5/28/2014	6.70	777.39
		11/10/2014	7.19	776.90
		4/20/2015	7.28	776.81
PRB-03s	784.15	8/9/2011	5.52	778.63
		10/5/2011	5.83	778.32
		1/11/2012	5.17	778.98
		4/2/2012	5.02	779.13
		7/2/2012	5.62	778.53
		10/2/2012	6.68	777.47
		3/4/2013	7.15	777.00
		6/5/2013	6.96	777.19
		8/26/2013	7.03	777.12
		11/13/2013	7.44	776.71
		5/28/2014	6.51	777.64
		11/10/2014	6.95	777.20
		4/20/2015	7.09	777.06

Notes:

Survey conducted to feet Mean Sea Level by Midwestern Consultants, Inc. (2011-2015)

ft MSL - feet above Mean Sea Level, ft BTOC - feet Below Top of Casing, NI - Not Installed at time of measurement

* Measured depth to water is anomalous. Datum was not used.

Table 1
Groundwater Elevations
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Well Location	Top of Well Casing (ft MSL)	Measurement Date	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft MSL)
PRB-04s	784.68	8/9/2011	6.14	778.54
		10/5/2011	6.40	778.28
		1/11/2012	5.76	778.92
		4/2/2012	5.57	779.11
		7/2/2012	6.28	778.40
		10/2/2012	7.23	777.45
		3/4/2013	7.84	776.84
		6/5/2013	7.66	777.02
		8/26/2013	7.70	776.98
		11/13/2013	8.06	776.62
		5/28/2014	7.12	777.56
		11/10/2014	7.56	777.12
		4/20/2015	7.14	777.54
PRB-04d	784.68	8/9/2011	6.10	778.58
		10/5/2011	6.40	778.28
		1/11/2012	5.77	778.91
		4/2/2012	5.57	779.11
		7/2/2012	6.30	778.38
		10/2/2012	7.31	777.37
		3/4/2013	7.85	776.83
		6/5/2013	7.61	777.07
		8/26/2013	7.71	776.97
		11/13/2013	8.03	776.65
		5/28/2014	7.10	777.58
		11/10/2014	7.56	777.12
		4/20/2015	7.01	777.67
PRB-05s	784.66	8/9/2011	5.96	778.70
		10/5/2011	6.23	778.43
		1/11/2012	5.58	779.08
		4/2/2012	5.38	779.28
		7/2/2012	6.05	778.61
		10/2/2012	7.15	777.51
		3/4/2013	7.64	777.02
		6/5/2013	7.39	777.27
		8/26/2013	7.51	777.15
		1/13/2013	7.85	776.81
		5/28/2014	6.88	777.78
		11/10/2014	7.38	777.28
		4/20/2015	7.75	776.91

Notes:

Survey conducted to feet Mean Sea Level by Midwestern Consultants, Inc. (2011-2015)

ft MSL - feet above Mean Sea Level, ft BTOC - feet Below Top of Casing, NI - Not Installed at time of measurement

* Measured depth to water is anomalous. Datum was not used.

Table 1
Groundwater Elevations
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Well Location	Top of Well Casing (ft MSL)	Measurement Date	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft MSL)
PRB-06s	784.52	8/9/2011	5.90	778.62
		10/5/2011	6.16	778.36
		1/11/2012	5.51	779.01
		4/2/2012	5.62	778.90
		7/2/2012	6.00	778.52
		10/2/2012	7.06	777.46
		3/4/2013	7.54	776.98
		6/5/2013	7.29	777.23
		8/26/2013	7.40	777.12
		11/13/2013	7.66*	776.86*
		5/28/2014	6.77	777.75
		11/10/2014	7.30	777.22
		4/20/2015	7.24	777.28
PRB-07s	784.08	8/9/2011	5.59	778.49
		10/5/2011	5.82	778.26
		1/11/2012	5.19	778.89
		4/2/2012	4.98	779.10
		7/2/2012	5.70	778.38
		10/2/2012	6.78	777.30
		3/4/2013	7.31	776.77
		6/5/2013	7.06	777.02
		8/26/2013	7.12	776.96
		11/13/2013	7.44	776.64
		5/28/2014	6.54	777.54
		11/10/2014	7.03	777.05
		4/20/2015	7.15	776.93
PRB-08s	784.69	8/9/2011	6.17	778.52
		10/5/2011	6.39	778.30
		1/11/2012	5.76	778.93
		4/2/2012	5.54	779.15
		7/2/2012	6.24	778.45
		10/2/2012	7.29	777.40
		3/4/2013	7.80	776.89
		6/5/2013	7.56	777.13
		8/26/2013	7.66	777.03
		11/13/2013	7.98	776.71
		5/28/2014	7.08	777.61
		11/10/2014	7.55	777.14
		4/20/2015	7.73	776.96

Notes:

Survey conducted to feet Mean Sea Level by Midwestern Consultants, Inc. (2011-2015)

ft MSL - feet above Mean Sea Level, ft BTOC - feet Below Top of Casing, NI - Not Installed at time of measurement

* Measured depth to water is anomalous. Datum was not used.

Table 1
Groundwater Elevations
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Well Location	Top of Well Casing (ft MSL)	Measurement Date	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft MSL)
PRB-08d	784.69	8/9/2011	6.14	778.55
		10/5/2011	6.38	778.31
		1/11/2012	5.74	778.95
		4/2/2012	5.53	779.16
		7/2/2012	6.25	778.44
		10/2/2012	7.33	777.36
		3/4/2013	7.78	776.91
		6/5/2013	7.59	777.10
		8/26/2013	7.66	777.03
		11/13/2013	8.02	776.67
		5/28/2014	7.08	777.61
		11/10/2014	7.59	777.10
		4/20/2015	7.75	776.94
PRB-09s	785.08	8/9/2011	6.45	778.63
		10/5/2011	6.69	778.39
		1/11/2012	6.03	779.05
		4/2/2012	5.99	779.09
		7/2/2012	6.55	778.53
		10/2/2012	7.66	777.42
		3/4/2013	8.00	777.08
		6/5/2013	7.73	777.35
		8/26/2013	7.90	777.18
		11/13/2013	8.06	777.02
		5/28/2014	7.10	777.98
		11/10/2014	7.79	777.29
		4/20/2015	7.86	777.22
PRB-10s	785.22	8/9/2011	6.60	778.62
		10/5/2011	6.85	778.37
		1/11/2012	6.21	779.01
		4/2/2012	5.97	779.25
		7/2/2012	6.69	778.53
		10/2/2012	7.87	777.35
		3/4/2013	8.17	777.05
		6/5/2013	7.93	777.29
		8/26/2013	8.05	777.17
		11/13/2013	8.46	776.76
		5/28/2014	7.39	777.83
		11/10/2014	7.95	777.27
		4/20/2015	8.15	777.07

Notes:

Survey conducted to feet Mean Sea Level by Midwestern Consultants, Inc. (2011-2015)

ft MSL - feet above Mean Sea Level, ft BTOC - feet Below Top of Casing, NI - Not Installed at time of measurement

* Measured depth to water is anomalous. Datum was not used.

Table 1
Groundwater Elevations
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Well Location	Top of Well Casing (ft MSL)	Measurement Date	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft MSL)
PRB-11s	795.12	8/9/2011	15.73	779.39
		10/5/2011	16.02	779.10
		1/11/2012	15.32	779.80
		4/2/2012	15.06	780.06
		7/2/2012	15.70	779.42
		10/2/2012	16.88	778.24
		3/4/2013	17.24	777.88
		6/5/2013	16.96	778.16
		8/26/2013	17.12	778.00
		11/13/2013	17.50	777.62
		5/29/2014	16.54	778.58
		11/10/2014	17.09	778.03
		4/20/2015	17.36	777.76
PRB-12s	795.46	8/9/2011	16.02	779.44
		10/5/2011	16.34	779.12
		1/11/2012	15.66	779.80
		4/2/2012	15.42	780.04
		7/2/2012	16.04	779.42
		10/2/2012	17.22	778.24
		3/4/2013	17.66	777.80
		6/5/2013	17.31	778.15
		8/26/2013	17.45	778.01
		11/13/2013	17.87	777.59
		5/29/2014	17.95	777.51
		11/10/2014	17.44	778.02
		4/20/2015	17.73	777.73
PRB-13s	797.20	8/9/2011	17.67	779.53
		10/5/2011	18.01	779.19
		1/11/2012	17.34	779.86
		4/2/2012	17.06	780.14
		7/2/2012	17.69	779.51
		10/2/2012	18.88	778.32
		3/4/2013	19.23	777.97
		6/5/2013	18.96	778.24
		8/26/2013	19.14	778.06
		11/13/2013	19.60	777.60
		5/29/2014	18.60	778.60
		11/10/2014	19.10	778.10
		4/20/2015	19.41	777.79

Notes:

Survey conducted to feet Mean Sea Level by Midwestern Consultants, Inc. (2011-2015)

ft MSL - feet above Mean Sea Level, ft BTOC - feet Below Top of Casing, NI - Not Installed at time of measurement

* Measured depth to water is anomalous. Datum was not used.

Table 1
Groundwater Elevations
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Well Location	Top of Well Casing (ft MSL)	Measurement Date	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft MSL)
PRB-14s	796.70	8/9/2011	17.24	779.46
		10/5/2011	17.58	779.12
		1/3/2012	16.92	779.78
		4/2/2012	16.64	780.06
		7/2/2012	17.30	779.40
		10/2/2012	18.43	778.27
		3/4/2013	18.91	777.79
		6/5/2013	18.55	778.15
		8/26/2013	18.73	777.97
		11/13/2013	19.16	777.54
		5/29/2014	18.15	778.55
		11/10/2014	18.67	778.03
		4/20/2015	18.97	777.73
PRB-15s	795.35	8/9/2011	15.95	779.40
		10/5/2011	16.26	779.09
		1/11/2012	15.59	779.76
		4/2/2012	15.33	780.02
		7/2/2012	15.95	779.40
		10/2/2012	17.16	778.19
		3/4/2013	17.60	777.75
		6/5/2013	17.21	778.14
		8/26/2013	17.37	777.98
		11/13/2013	17.80	777.55
		5/29/2014	16.80	778.55
		11/10/2014	17.35	778.00
		4/20/2015	17.63	777.72
PRB-15d	795.43	8/9/2011	16.02	779.41
		10/5/2011	16.34	779.09
		1/11/2012	15.66	779.77
		4/2/2012	15.41	780.02
		7/2/2012	16.05	779.38
		10/2/2012	17.23	778.20
		3/4/2013	17.70	777.73
		6/5/2013	17.29	778.14
		8/26/2013	17.50	777.93
		11/13/2013	17.86	777.57
		5/29/2014	16.91	778.52
		11/10/2014	17.46	777.97
		4/20/2015	17.73	777.70

Notes:

Survey conducted to feet Mean Sea Level by Midwestern Consultants, Inc. (2011-2015)

ft MSL - feet above Mean Sea Level, ft BTOC - feet Below Top of Casing, NI - Not Installed at time of measurement

* Measured depth to water is anomalous. Datum was not used.

Table 1
Groundwater Elevations
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Well Location	Top of Well Casing (ft MSL)	Measurement Date	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft MSL)
PRB-16s	785.02	8/9/2011	NI	--
		10/5/2011	NI	--
		1/11/2012	NI	--
		4/2/2012	NI	--
		7/2/2012	NI	--
		10/2/2012	7.52	777.50
		3/27/2013	8.04	776.98
		6/5/2013	7.71	777.31
		8/26/2013	7.81	777.21
		11/13/2013	8.17	776.85
		5/28/2014	7.19	777.83
		11/10/2014	7.76	777.26
		4/20/2015	7.75	777.27

Notes:

Survey conducted to feet Mean Sea Level by Midwestern Consultants, Inc. (2011-2015)

ft MSL - feet above Mean Sea Level, ft BTOC - feet Below Top of Casing, NI - Not Installed at time of measurement

* Measured depth to water is anomalous. Datum was not used.

Table 2
Summary of Detected Volatile Organic Compounds in Groundwater
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		Acetone[2]	2-Butanone	Benzene[2]	Chloroethane	Chloroform	1,1-Dichloro-ethane	1,2-Dichloro-ethane	1,1-Dichloro-ethene[2]	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	Ethyl-benzene[2]	Isopropyl-benzene	n-Propyl Benzene[2]	Tetrachloro-ethene	Toluene[2]	1,1,1-Tri-chloroethane	1,1,2-Tri-chloroethane	Trichloro-ethene	1,2,4-Tri-methyl-benzene	Vinyl Chloride	Total Xylenes[2]
Residential Health-Based DW Criteria		730	13,000	5.0	430	80	880	5.0	7.0	70	100	700	800	80	5.0	1,000	200	5.0	5.0	1,000	2.0	10,000
Non-Residential Health-Based DW Criteria		2,100	38,000	5.0	1,700	80	2,500	5.0	7.0	70	100	700	2,300	230	5.0	1,000	200	5.0	5.0	2,900	2.0	10,000
GSI Criteria		1,700	2,200	200[1]	1,100[1]	350	740	360[1]	130	620	1,500[1]	18	28	NC	60[1]	270	89	330[1]	200[1]	17	13[1]	41
Residential GWSLs for Vapor Intrusion		8.2E+06	4.3E+06	27	44,000	140	4,300	41	370	83	360	700	10	92	94	36,000	17,000	96	10	1,700	2.8	10,000
Non-Residential GWSLs for Vapor Intrusion		3.4E+07	1.8E+07	140	1.8E+05	720	18,000	210	1,600	350	1,500	2,600	53	390	460	1.5E+05	71,000	480	41	7,300	52	10,000
Groundwater Contact Criteria		3.1E+07	2.4E+08	11,000	4.4E+05	1.5E+05	2.4E+06	19,000	11,000	2.0E+05	2.2E+05	1.7E+05	56,000	15,000	12,000	5.3E+05	1.3E+06	21,000	13,000[3]	56,000	1,000	1.9E+05
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PRB-01s (6-11') Depth to Groundwater* Approx. 5.5 - 6.5'	8/10/2011	<1,000	<250	<50	<250	<50	<50	<50	**170**	<50	<50	<50	<50	<50	<50	<50	**3,700**	<50	**3,900**	<50	<50	<150
	10/7/2011	<500	<120	<25	<120	<25	<25	<25	**42**	<25	<25	<25	<25	<25	<25	<25	**2,900**	<25	**3,300**	<25	<25	<75
	1/11/2012	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**960**	<10	**2,000**	<10	<10	<30
	4/10/2012	<400	<100	<20	<100	<20	**50**	<20	**31**	**230**	<20	<20	<20	<20	<20	<20	**670**	<20	**1,800**	<20	**22**	<30
	7/16/2012	<200	<50	<10	<50	**10**	**41**	<10	**120**	**750**	<10	<10	<10	<10	<10	<10	**600**	<10	**1,600**	<10	**20**	<30
	10/10/2012	<200	<50	<10	<50	<10	**29**	<10	**23**	**350**	<10	<10	<10	<10	<10	<10	**570**	<10	**1,400**	<10	<10	<30
	3/4/2013	<200	**130**	<10	<50	<10	**90**	<10	**27**	**88**	<10	<10	<10	<10	<10	<10	**730**	<10	**1,100**	<10	**140**	<30
	6/7/2013	<200	<50	<10	<50	<10	**380**	<10	**24**	**620**	<10	<10	<10	<10	<10	<10	**970**	<10	**960**	<10	**48**	<30
	8/26/2013	<200	<50	<10	<50	<10	**81**	<10	**37**	**200**	<10	<10	<10	<10	<10	<10	**1,500**	<10	**1,200**	<10	<10	<30
	11/15/2013	<200	<50	<10	<50	<10	**43**	<10	**20**	**43**	<10	<10	<10	<10	<10	<10	**1,200**	<10	**1,100**	<10	<10	<30
	5/30/2014	<200	<50	<10	<50	<10	**330**	<10	**45**	**550**	<10	<10	<10	<10	<10	<10	**1,500**	<10	**1,700**	<10	**64**	<30
	11/24/2014	<200	<50	<10	<50	<10	**16**	<10	**51**	**18**	<10	<10	<10	<10	<10	<10	**1,200**	<10	**2,000**	<10	<10	<30
	4/21/2015	<200	<50	<10	<50	<10	**17**	<10	**29**	**16**	<10	<10	<10	<10	<10	<10	**940**	<10	**1,600**	<10	<10	<30
PRB-02s (6-11') Depth to Groundwater* Approx. 5.5 - 6.5'	8/10/2011	<500	<120	<25	<120	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**110**	<25	**3,100**	<25	<25	<75
	10/7/2011	<500	<120	<25	<120	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**80**	<25	**2,300**	<25	<25	<75
	1/11/2012	<400	<100	<20	<100	<20	<20	<20	<20	**1,200**	<20	<20	<20	<20	<20	<20	**64**	<20	**1,900**	<20	<20	<60
	4/10/2012	<400	<100	<20	<100	<20	<20	<20	<20	**1,800**	**23**	<20	<20	<20	<20	<20	**36**	<20	**1,300**	<20	<20	<60
	7/13/2012	<200	<50	<10	<50	<10	<10	<10	<10	**1,000**	**19**	<10	<10	<10	<10	<10	**29**	<10	**1,200**	<10	<10	<30
	10/10/2012	<200	<50	<10	<50	<10	<10	<10	<10	**410**	<10	<10	<10	<10	<10	<10	**24**	<10	**1,100**	<10	**33**	<30
	3/5/2013	<50	<12	<2.5	<12	<2.5	**4.4**	<2.5	<2.5	**250**	**6.4**	<2.5	<2.5	<2.5	<2.5	<2.5	**4.8**	<2.5	**310**	<2.5	**43**	<7.5
	6/7/2013	<50	<12	<2.5	<12	<2.5	**9.0**	<2.5	<2.5	**140**	**4.8**	<2.5	<2.5	<2.5	<2.5	<2.5	**4.8**	<2.5	**280**	<2.5	**26**	<7.5
	8/26/2013	<50	<12	<2.5	<12	<2.5	**12**	<2.5	<2.5	**150**	**4.4**	<2.5	<2.5	<2.5	<2.5	<2.5	**4.8**	<2.5	**260**	<2.5	**25**	<7.5
	11/15/2013	<50	<12	<2.5	<12	<2.5	**5.1**	<2.5	<2.5	**200**	**4.3**	<2.5	<2.5	<2.5	<2.5	<2.5	**3.8**	<2.5	**190**	<2.5	**24**	<7.5
	6/5/2014	<50	<12	<2.5	<12	<2.5	**2.8**	<2.5	<2.5	**350**	**3.0**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**230**	<2.5	**29**	<7.5
	11/24/2014	<50	<12	<2.5	<12	<2.5	<2.5	<2.5	<2.5	**190**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**440**	<2.5	**9.6**	<7.5
	4/21/2015	<40	<10	<2.0	<10	<2.0	<2.0	<2.0	<2.0	**73**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**250**	<2.0	**4.9**	<6.0

Notes:

Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.

ug/L = micrograms per liter

NC = No criteria

Bold font denotes concentrations detected above laboratory reporting limits

Denotes concentrations above one or more criteria

* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlying clay unit. The depth to the bottom of the upper clay unit is approximately 3.5 feet below ground surface (ft bgs) at PRB-09s; 4.0 ft bgs at PRB-06s; 5.0 ft bgs at PRB-08s, PRB-08d, and PRB-10s; 6.5 ft bgs at PRB-01s, PRB-02s, PRB-04s, and PRB-04d; 7.0 ft bgs at PRB-05s and PRB-07s; and 8.0 ft bgs at PRB-03s.

1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.

2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21

3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which were published by USEPA on September 28, 2011.

Table 2
Summary of Detected Volatile Organic Compounds in Groundwater
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		Acetone(2)	2-Butanone	Benzene(2)	Chloroethane	Chloroform	1,1-Dichloro-ethane	1,2-Dichloro-ethane	1,1-Dichloro-ethene(2)	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	Ethyl-benzene(2)	Isopropyl-benzene	n-Propyl Benzene(2)	Tetrachloro-ethene	Toluene(2)	1,1,1-Tri-chloroethane	1,1,2-Tri-chloroethane	Trichloro-ethene	1,2,4-Tri-methyl-benzene	Vinyl Chloride	Total Xylenes(2)
Residential Health-Based DW Criteria		730	13,000	5.0	430	80	880	5.0	7.0	70	100	700	800	80	5.0	1,000	200	5.0	5.0	1,000	2.0	10,000
Non-Residential Health-Based DW Criteria		2,100	38,000	5.0	1,700	80	2,500	5.0	7.0	70	100	700	2,300	230	5.0	1,000	200	5.0	5.0	2,900	2.0	10,000
GSI Criteria		1,700	2,200	200(1)	1,100(1)	350	740	360(1)	130	620	1,500(1)	18	28	NC	60(1)	270	89	330(1)	200(1)	17	13(1)	41
Residential GWSLs for Vapor Intrusion		8.2E+06	4.3E+06	27	44,000	140	4,300	41	370	83	360	700	10	92	94	36,000	17,000	96	10	1,700	2.8	10,000
Non-Residential GWSLs for Vapor Intrusion		3.4E+07	1.8E+07	140	1.8E+05	720	18,000	210	1,600	350	1,500	2,600	53	390	460	1.5E+05	71,000	480	41	7,300	52	10,000
Groundwater Contact Criteria		3.1E+07	2.4E+08	11,000	4.4E+05	1.5E+05	2.4E+06	19,000	11,000	2.0E+05	2.2E+05	1.7E+05	56,000	15,000	12,000	5.3E+05	1.3E+06	21,000	13,000(3)	56,000	1,000	1.9E+05
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PRB-03s (6-11') Depth to Groundwater* Approx. 5.5 - 6.5'	8/10/2011	<200	<50	<10	<50	<10	**19**	<10	<10	<10	<10	**560**	<10	<10	<10	<10	<10	<10	**14**	<10	<10	**3,400**
	10/6/2011	<200	<50	<10	<50	<10	**17**	<10	<10	<10	<10	**510**	<10	<10	<10	<10	<10	<10	**10**	<10	<10	**2,990**
	1/11/2012	<100	<25	<5.0	<25	<5.0	**13**	<5.0	<5.0	<5.0	<5.0	**320**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**24**	<5.0	<5.0	**1,920**
	4/10/2012	<40	<10	<2.0	<10	<2.0	**11**	<2.0	<2.0	<2.0	<2.0	**170**	**2.3**	**2.2**	<2.0	<2.0	**3.6**	<2.0	**25**	<2.0	<2.0	**890**
	7/16/2012	<100	<25	<5.0	**34**	<5.0	**26**	<5.0	<5.0	<5.0	<5.0	**410**	**17**	<5.0	<5.0	<5.0	<5.0	<5.0	**11**	**14**	<5.0	**2,090**
	10/9/2012	<100	<25	<5.0	<25	<5.0	**29**	<5.0	<5.0	<5.0	<5.0	**370**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**21**	**5.0**	**10**	**2,100**
	3/4/2013	<100	<25	<5.0	<25	<5.0	**56**	<5.0	<5.0	<5.0	<5.0	**260**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**20**	<5.0	**7.8**	**1,410**
	6/6/2013	<50	<12	<2.5	<12	<2.5	**62**	<2.5	<2.5	**7.4**	<2.5	**220**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**14**	**2.8**	**7.2**	**1,010**
	8/26/2013	<100	<25	<5.0	<25	<5.0	**54**	<5.0	<5.0	<5.0	<5.0	**260**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**32**	<5.0	<5.0	**1,090**
	11/15/2013	<50	<12	<2.5	**52**	<2.5	**36**	<2.5	<2.5	<2.5	<2.5	**170**	<2.5	<2.5	<2.5	<2.5	**4.0**	<2.5	**71**	<2.5	<2.5	**640**
	5/28/2014	<40	<10	<2.0	**120**	<2.0	**41**	<2.0	<2.0	<2.0	<2.0	**110**	<2.0	<2.0	<2.0	<2.0	**3.8**	<2.0	**18**	<2.0	<2.0	**360**
	11/25/2014	<40	<10	<2.0	**110**	<2.0	**43**	<2.0	<2.0	<2.0	<2.0	**140**	<2.0	<2.0	<2.0	<2.0	**3.6**	<2.0	**21**	<2.0	<2.0	**320**
	4/22/2015	<20	<5.0	<1.0	**140**	<1.0	**22**	<1.0	<1.0	**1.3**	<1.0	**96**	<1.0	<1.0	<1.0	<1.0	**2.8**	<1.0	**16**	**1.3**	**1.5**	**260**
PRB-04s (6-11') Depth to Groundwater* Approx. 6.0 - 7.0'	8/10/2011	<200	**110**	<10	<50	<10	<10	<10	<10	**590**	<10	<10	<10	<10	<10	<10	**100**	<10	**1,100**	<10	<10	<30
	10/7/2011	<500	**900**	<25	<120	<25	<25	<25	<25	**3,400**	<25	<25	<25	<25	<25	<25	**62**	<25	<25	<25	<25	<75
	1/11/2012	<500	**440**	<25	<120	<25	**110**	<25	<25	**3,600**	**36**	<25	<25	<25	<25	<25	**34**	<25	<25	<25	**67**	<75
	4/10/2012	<500	**360**	<25	**130**	<25	**200**	<25	<25	**2,400**	**37**	<25	<25	<25	<25	<25	<25	<25	**26**	<25	**190**	<75
	7/16/2012	<500	**660**	<25	**120**	<25	**490**	**29**	<25	**2,500**	**67**	<25	<25	<25	<25	<25	<25	<25	<25	<25	**610**	**108**
	10/4/2012	<200	<50	<10	**74**	<10	**180**	<10	<10	**1,400**	**36**	<10	<10	<10	<10	<10	<10	<10	<10	<10	**430**	<30
	3/4/2013	<100	<25	<5.0	**46**	<5.0	**42**	<5.0	<5.0	**560**	**7.0**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**190**	<15
	6/6/2013	**28**	**36**	<1.0	**58**	<1.0	**50**	<1.0	**1.0**	**200**	**2.2**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**73**	<3.0
	8/26/2013	<20	**7.0**	<1.0	**60**	<1.0	**33**	<1.0	<1.0	**33**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.5**	<1.0	**18**	<3.0
	11/15/2013	<20	<5.0	<1.0	**22**	<1.0	**22**	<1.0	<1.0	**29**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.1**	<1.0	**3.6**	<1.0	**15**	<3.0
	5/28/2014	<20	<5.0	<1.0	**15**	<1.0	**21**	<1.0	<1.0	**28**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.3**	<1.0	**1.5**	<3.0
	11/24/2014	<20	<5.0	<1.0	<5.0	<1.0	**36**	<1.0	<1.0	**7.2**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.2**	<1.0	**8.1**	<3.0
	4/22/2015	<20	<5.0	<1.0	<5.0	<1.0	**41**	<1.0	<1.0	**9.7**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.9**	<1.0	**84**	<3.0

Notes:

Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.

ug/L = micrograms per liter

NC = No criteria

Bold font denotes concentrations detected above laboratory reporting limits

Denotes concentrations above one or more criteria

* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlying clay unit. The depth to the bottom of the upper clay unit is approximately 3.5 feet below ground surface (ft bgs) at PRB-09s; 4.0 ft bgs at PRB-06s; 5.0 ft bgs at PRB-08s, PRB-08d, and PRB-10s; 6.5 ft bgs at PRB-01s, PRB-02s, PRB-04s, and PRB-04d; 7.0 ft bgs at PRB-05s and PRB-07s; and 8.0 ft bgs at PRB-03s.

1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.

2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21

3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which were published by USEPA on September 28, 2011.

Table 2
Summary of Detected Volatile Organic Compounds in Groundwater
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		Acetone(2)	2-Butanone	Benzene(2)	Chloroethane	Chloroform	1,1-Dichloro-ethane	1,2-Dichloro-ethane	1,1-Dichloro-ethene(2)	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	Ethyl-benzene(2)	Isopropyl-benzene	n-Propyl Benzene(2)	Tetrachloro-ethene	Toluene(2)	1,1,1-Tri-chloroethane	1,1,2-Tri-chloroethane	Trichloro-ethene	1,2,4-Tri-methyl-benzene	Vinyl Chloride	Total Xylenes(2)
Residential Health-Based DW Criteria		730	13,000	5.0	430	80	880	5.0	7.0	70	100	700	800	80	5.0	1,000	200	5.0	5.0	1,000	2.0	10,000
Non-Residential Health-Based DW Criteria		2,100	38,000	5.0	1,700	80	2,500	5.0	7.0	70	100	700	2,300	230	5.0	1,000	200	5.0	5.0	2,900	2.0	10,000
GSI Criteria		1,700	2,200	200(1)	1,100(1)	350	740	360(1)	130	620	1,500(1)	18	28	NC	60(1)	270	89	330(1)	200(1)	17	13(1)	41
Residential GWSLs for Vapor Intrusion		8.2E+06	4.3E+06	27	44,000	140	4,300	41	370	83	360	700	10	92	94	36,000	17,000	96	10	1,700	2.8	10,000
Non-Residential GWSLs for Vapor Intrusion		3.4E+07	1.8E+07	140	1.8E+05	720	18,000	210	1,600	350	1,500	2,600	53	390	460	1.5E+05	71,000	480	41	7,300	52	10,000
Groundwater Contact Criteria		3.1E+07	2.4E+08	11,000	4.4E+05	1.5E+05	2.4E+06	19,000	11,000	2.0E+05	2.2E+05	1.7E+05	56,000	15,000	12,000	5.3E+05	1.3E+06	21,000	13,000(3)	56,000	1,000	1.9E+05
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PRB-04d (25-30') Depth to Groundwater* Approx. 6.0 - 7.0'	8/10/2011	<20	**10**	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**9.8**	<1.0	**12**	<3.0
	10/7/2011	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**3.4**	<1.0	**11**	<3.0
	1/11/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**2.5**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**3.2**	<1.0	**9.4**	<3.0
	4/10/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.0**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.1**	<1.0	**9.4**	<3.0
	7/16/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**9.2**	<3.0
	10/4/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**13**	<3.0
	3/4/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**17**	<3.0
	6/6/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**14**	<3.0
	8/26/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**13**	<3.0
	11/15/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**11**	<3.0
	5/28/2014	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**9.8**	<3.0
	11/25/2014	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**7.7**	<3.0
	4/22/2015	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**5.4**	<3.0
PRB-05s (6-11') Depth to Groundwater* Approx. 6.0 - 7.0'	8/11/2011	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	**270**	<10	**57**	<10	**990**	<10	<10	<30
	10/6/2011	<200	<50	<10	<50	<10	<10	<10	<10	**21**	<10	<10	<10	<10	**270**	<10	**53**	<10	**1,000**	<10	<10	<30
	1/12/2012	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	**230**	<10	**35**	<10	**780**	<10	<10	<30
	4/9/2012	<100	<25	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**200**	<5.0	**28**	<5.0	**630**	<5.0	<5.0	<15
	7/12/2012	<100	<25	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**280**	<5.0	**36**	<5.0	**810**	<5.0	<5.0	<15
	10/9/2012	<100	<25	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**290**	<5.0	**37**	<5.0	**760**	<5.0	<5.0	<15
	3/5/2013	<100	**27**	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**310**	<5.0	**35**	<5.0	**720**	<5.0	<5.0	<15
	6/7/2013	<100	<25	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**260**	<5.0	**31**	<5.0	**620**	<5.0	<5.0	<15
	8/27/2013	<100	<25	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**300**	<5.0	**43**	<5.0	**760**	<5.0	<5.0	<15
	11/14/2013	<100	<25	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**320**	<5.0	**52**	<5.0	**720**	<5.0	<5.0	<15
	5/29/2014	<100	<25	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**320**	<5.0	**50**	<5.0	**760**	<5.0	<5.0	<15
	11/25/2014	<100	<25	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**330**	<5.0	**52**	<5.0	**930**	<5.0	<5.0	<15
	4/20/2015	<100	<25	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**350**	<5.0	**47**	<5.0	**810**	<5.0	<5.0	<15

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1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.

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3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which were published by USEPA on September 28, 2011.

Table 2
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Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		Acetone[2]	2-Butanone	Benzene[2]	Chloroethane	Chloroform	1,1-Dichloro-ethane	1,2-Dichloro-ethane	1,1-Dichloro-ethene[2]	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	Ethyl-benzene[2]	Isopropyl-benzene	n-Propyl Benzene[2]	Tetrachloro-ethene	Toluene[2]	1,1,1-Tri-chloroethane	1,1,2-Tri-chloroethane	Trichloro-ethene	1,2,4-Tri-methyl-benzene	Vinyl Chloride	Total Xylenes[2]
Residential Health-Based DW Criteria		730	13,000	5.0	430	80	880	5.0	7.0	70	100	700	800	80	5.0	1,000	200	5.0	5.0	1,000	2.0	10,000
Non-Residential Health-Based DW Criteria		2,100	38,000	5.0	1,700	80	2,500	5.0	7.0	70	100	700	2,300	230	5.0	1,000	200	5.0	5.0	2,900	2.0	10,000
GSI Criteria		1,700	2,200	200[1]	1,100[1]	350	740	360[1]	130	620	1,500[1]	18	28	NC	60[1]	270	89	330[1]	200[1]	17	13[1]	41
Residential GWSLs for Vapor Intrusion		8.2E+06	4.3E+06	27	44,000	140	4,300	41	370	83	360	700	10	92	94	36,000	17,000	96	10	1,700	2.8	10,000
Non-Residential GWSLs for Vapor Intrusion		3.4E+07	1.8E+07	140	1.8E+05	720	18,000	210	1,600	350	1,500	2,600	53	390	460	1.5E+05	71,000	480	41	7,300	52	10,000
Groundwater Contact Criteria		3.1E+07	2.4E+08	11,000	4.4E+05	1.5E+05	2.4E+06	19,000	11,000	2.0E+05	2.2E+05	1.7E+05	56,000	15,000	12,000	5.3E+05	1.3E+06	21,000	13,000[3]	56,000	1,000	1.9E+05
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PRB-06s (6-11') Depth to Groundwater* Approx. 6.0 - 6.5'	8/11/2011	<1,000	**3,600**	<50	<250	<50	**360**	<50	<50	**4,200**	<50	<50	<50	<50	<50	<50	<50	<50	**310**	<50	<50	<150
	10/6/2011	<1,000	**5,800**	<50	<250	<50	**260**	<50	<50	**6,000**	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	**71**	<150
	1/12/2012	<200	**940**	<10	**81**	<10	<10	<10	<10	**300**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**35**	<30
	4/10/2012	**24**	**130**	**1.0**	**71**	<1.0	<1.0	<1.0	<1.0	**35**	**2.4**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.7**	<1.0	**18**	<3.0
	7/12/2012	<100	**480**	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<15
	10/9/2012	<100	**170**	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**450**	<5.0	<5.0	<5.0	<5.0	<5.0	<15
	3/5/2013	<100	<25	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**340**	<5.0	<5.0	<5.0	<5.0	<5.0	<15
	6/7/2013	<100	**38**	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**6.4**	<5.0	<5.0	<5.0	**440**	<5.0	<5.0	<5.0	<5.0	<5.0	<15
	8/27/2013	<100	<25	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**8.0**	<5.0	<5.0	<5.0	**450**	<5.0	<5.0	<5.0	<5.0	<5.0	<15
	11/14/2013	<100	<25	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**370**	<5.0	<5.0	**7.4**	<5.0	<5.0	<15
	5/29/2014	<50	**42**	<2.5	<12	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**3.7**	<2.5	<2.5	<2.5	**310**	<2.5	<2.5	**3.5**	<2.5	<2.5	<7.5
	11/25/2014	<50	**71**	<2.5	<12	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**3.7**	<2.5	<2.5	<2.5	**250**	<2.5	<2.5	<2.5	<2.5	<2.5	<7.5
	4/21/2015	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.4**	<1.0	<1.0	<1.0	**130**	<1.0	<1.0	**1.1**	<1.0	<1.0	<3.0
PRB-07s (7-12') Depth to Groundwater* Approx. 5.5 - 6.5'	8/10/2011	<200	**120**	<10	<50	<10	<10	<10	<10	**880**	<10	<10	<10	<10	<10	<10	**100**	<10	**1,200**	<10	<10	<30
	10/7/2011	<200	<50	<10	<50	<10	**16**	<10	**10**	**790**	**18**	<10	<10	<10	<10	<10	**130**	<10	**1,400**	<10	<10	<30
	1/11/2012	<200	<50	<10	<50	<10	<10	<10	<10	**510**	<10	<10	<10	<10	<10	<10	**92**	<10	**1,300**	<10	<10	<30
	4/10/2012	<200	<50	<10	<50	<10	<10	<10	<10	**260**	**28**	<10	<10	<10	<10	<10	**56**	<10	**1,100**	<10	<10	<30
	7/16/2012	<200	<50	<10	<50	<10	<10	<10	<10	**200**	**50**	<10	<10	<10	<10	<10	**45**	<10	**1,300**	<10	<10	<30
	10/4/2012	<200	<50	<10	<50	<10	<10	<10	<10	**150**	**41**	<10	<10	<10	<10	<10	**17**	<10	**750**	<10	<10	<30
	3/4/2013	<100	<25	<5.0	<25	<5.0	**7.9**	<5.0	<5.0	**100**	**11**	<5.0	<5.0	<5.0	<5.0	<5.0	**7.6**	<5.0	**480**	<5.0	<5.0	<15
	6/6/2013	<100	**50**	<5.0	<25	<5.0	**5.6**	<5.0	<5.0	**570**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**16**	<5.0	**370**	<5.0	**38**	<15
	8/26/2013	<100	<25	<5.0	<25	<5.0	**7.0**	<5.0	<5.0	**240**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**16**	<5.0	**450**	<5.0	**17**	<15
	11/15/2013	<100	<25	<5.0	<25	<5.0	**6.6**	<5.0	<5.0	**74**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**37**	<5.0	**550**	<5.0	**8.4**	<15
	5/28/2014	<100	<25	<5.0	<25	<5.0	<5.0	<5.0	<5.0	**45**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**38**	<5.0	**730**	<5.0	**6.4**	<15
	11/25/2014	<100	<25	<5.0	<25	<5.0	<5.0	<5.0	<5.0	**79**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**21**	<5.0	**610**	<5.0	**14**	<15
	4/22/2015	<100	<25	<5.0	<25	<5.0	<5.0	<5.0	<5.0	**59**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**29**	<5.0	**630**	<5.0	**14**	<15

Notes:

Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.

ug/L = micrograms per liter

NC = No criteria

Bold font denotes concentrations detected above laboratory reporting limits

Denotes concentrations above one or more criteria

* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlying clay unit. The depth to the bottom of the upper clay unit is approximately 3.5 feet below ground surface (ft bgs) at PRB-09s; 4.0 ft bgs at PRB-06s; 5.0 ft bgs at PRB-08s, PRB-08d, and PRB-10s; 6.5 ft bgs at PRB-01s, PRB-02s, PRB-04s, and PRB-04d; 7.0 ft bgs at PRB-05s and PRB-07s; and 8.0 ft bgs at PRB-03s.

1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.

2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21

3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which were published by USEPA on September 28, 2011.

Table 2
Summary of Detected Volatile Organic Compounds in Groundwater
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		Acetone[2]	2-Butanone	Benzene[2]	Chloroethane	Chloroform	1,1-Dichloro-ethane	1,2-Dichloro-ethane	1,1-Dichloro-ethene[2]	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	Ethyl-benzene[2]	Isopropyl-benzene	n-Propyl Benzene[2]	Tetrachloro-ethene	Toluene[2]	1,1,1-Tri-chloroethane	1,1,2-Tri-chloroethane	Trichloro-ethene	1,2,4-Tri-methyl-benzene	Vinyl Chloride	Total Xylenes[2]
Residential Health-Based DW Criteria		730	13,000	5.0	430	80	880	5.0	7.0	70	100	700	800	80	5.0	1,000	200	5.0	5.0	1,000	2.0	10,000
Non-Residential Health-Based DW Criteria		2,100	38,000	5.0	1,700	80	2,500	5.0	7.0	70	100	700	2,300	230	5.0	1,000	200	5.0	5.0	2,900	2.0	10,000
GSI Criteria		1,700	2,200	200[1]	1,100[1]	350	740	360[1]	130	620	1,500[1]	18	28	NC	60[1]	270	89	330[1]	200[1]	17	13[1]	41
Residential GWSLs for Vapor Intrusion		8.2E+06	4.3E+06	27	44,000	140	4,300	41	370	83	360	700	10	92	94	36,000	17,000	96	10	1,700	2.8	10,000
Non-Residential GWSLs for Vapor Intrusion		3.4E+07	1.8E+07	140	1.8E+05	720	18,000	210	1,600	350	1,500	2,600	53	390	460	1.5E+05	71,000	480	41	7,300	52	10,000
Groundwater Contact Criteria		3.1E+07	2.4E+08	11,000	4.4E+05	1.5E+05	2.4E+06	19,000	11,000	2.0E+05	2.2E+05	1.7E+05	56,000	15,000	12,000	5.3E+05	1.3E+06	21,000	13,000[3]	56,000	1,000	1.9E+05
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PRB-08s (6-11') Depth to Groundwater* Approx. 6.0 - 7.0'	8/10/2011	**83**	**39**	<1.0	<5.0	<1.0	**11**	<1.0	**1.0**	**84**	**9.5**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**5.3**	<1.0	**31**	<3.0
	10/7/2011	**240**	**300**	<2.5	<12	<2.5	**7.3**	<2.5	<2.5	**77**	**9.2**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**24**	<7.5
	1/11/2012	<20	<5.0	<1.0	<5.0	<1.0	**2.0**	<1.0	<1.0	**35**	**4.4**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**10**	<3.0
	4/10/2012	<20	<5.0	<1.0	<5.0	<1.0	**1.3**	<1.0	<1.0	**18**	**2.4**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**4.5**	<3.0
	7/13/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**11**	**1.4**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.8**	<3.0
	10/4/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**11**	**1.6**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.2**	<3.0
	3/5/2013	<20	<5.0	<1.0	<5.0	<1.0	**3.6**	<1.0	<1.0	**27**	**3.5**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.9**	<3.0
	6/6/2013	<20	<5.0	<1.0	<5.0	<1.0	**6.9**	<1.0	<1.0	**50**	**6.0**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.0**	<3.0
	8/26/2013	<20	<5.0	<1.0	<5.0	<1.0	**6.9**	<1.0	<1.0	**65**	**7.8**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.5**	<3.0
	11/15/2013	<20	<5.0	<1.0	<5.0	<1.0	**5.3**	<1.0	<1.0	**62**	**7.8**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.3**	<3.0
	5/28/2014	<20	<5.0	<1.0	<5.0	<1.0	**4.0**	<1.0	<1.0	**13**	**1.7**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.3**	<3.0
	11/25/2014	<20	<5.0	<1.0	<5.0	<1.0	**5.3**	<1.0	<1.0	**14**	**1.7**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.2**	<3.0
	4/22/2015	<20	<5.0	<1.0	<5.0	<1.0	**4.4**	**1.0**	<1.0	**12**	**1.6**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.1**	<3.0
PRB-08d (18.5-23.5') Depth to Groundwater* Approx. 6.0 - 7.0'	8/10/2011	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**14**	<3.0
	10/7/2011	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.6**	<3.0
	1/11/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**3.2**	<3.0
	4/10/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**5.1**	<3.0
	7/13/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**11**	<3.0
	10/4/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**23**	<3.0
	3/5/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**37**	<3.0
	6/6/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**37**	<3.0
	8/26/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**46**	<3.0
	11/15/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**44**	<3.0
	5/28/2014	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**49**	<3.0
	11/25/2014	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**36**	<3.0
	4/22/2015	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**28**	<3.0

Notes:

Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.

ug/L = micrograms per liter

NC = No criteria

Bold font denotes concentrations detected above laboratory reporting limits

Denotes concentrations above one or more criteria

* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlying clay unit. The depth to the bottom of the upper clay unit is approximately 3.5 feet below ground surface (ft bgs) at PRB-09s; 4.0 ft bgs at PRB-06s; 5.0 ft bgs at PRB-08s, PRB-08d, and PRB-10s; 6.5 ft bgs at PRB-01s, PRB-02s, PRB-04s, and PRB-04d; 7.0 ft bgs at PRB-05s and PRB-07s; and 8.0 ft bgs at PRB-03s.

1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.

2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21

3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which were published by USEPA on September 28, 2011.

Table 2
Summary of Detected Volatile Organic Compounds in Groundwater
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		Acetone(2)	2-Butanone	Benzene(2)	Chloroethane	Chloroform	1,1-Dichloro-ethane	1,2-Dichloro-ethane	1,1-Dichloro-ethene(2)	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	Ethyl-benzene(2)	Isopropyl-benzene	n-Propyl Benzene(2)	Tetrachloro-ethene	Toluene(2)	1,1,1-Tri-chloroethane	1,1,2-Tri-chloroethane	Trichloro-ethene	1,2,4-Tri-methyl-benzene	Vinyl Chloride	Total Xylenes(2)
Residential Health-Based DW Criteria		730	13,000	5.0	430	80	880	5.0	7.0	70	100	700	800	80	5.0	1,000	200	5.0	5.0	1,000	2.0	10,000
Non-Residential Health-Based DW Criteria		2,100	38,000	5.0	1,700	80	2,500	5.0	7.0	70	100	700	2,300	230	5.0	1,000	200	5.0	5.0	2,900	2.0	10,000
GSI Criteria		1,700	2,200	200(1)	1,100(1)	350	740	360(1)	130	620	1,500(1)	18	28	NC	60(1)	270	89	330(1)	200(1)	17	13(1)	41
Residential GWSLs for Vapor Intrusion		8.2E+06	4.3E+06	27	44,000	140	4,300	41	370	83	360	700	10	92	94	36,000	17,000	96	10	1,700	2.8	10,000
Non-Residential GWSLs for Vapor Intrusion		3.4E+07	1.8E+07	140	1.8E+05	720	18,000	210	1,600	350	1,500	2,600	53	390	460	1.5E+05	71,000	480	41	7,300	52	10,000
Groundwater Contact Criteria		3.1E+07	2.4E+08	11,000	4.4E+05	1.5E+05	2.4E+06	19,000	11,000	2.0E+05	2.2E+05	1.7E+05	56,000	15,000	12,000	5.3E+05	1.3E+06	21,000	13,000(3)	56,000	1,000	1.9E+05
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PRB-09s (5-10') Depth to Groundwater* Approx. 6.5 - 7.5'	8/11/2011	**4,200**	**8,200**	<100	<500	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<300
	10/6/2011	**13,000**	**17,000**	<100	<500	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	**110**	<100	<100	<100	<100	<100	<300
	1/12/2012	<200	**68**	<10	<50	<10	<10	<10	<10	**14**	<10	<10	<10	<10	<10	**1,400**	<10	<10	<10	<10	<10	<30
	2/9/2012	<200	**200**	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**1,600**	<10	<10	<10	<10	<10	<30
	4/9/2012	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**2,000**	<10	<10	<10	<10	<10	<30
	7/13/2012	<400	<100	<20	<100	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	**2,000**	<20	<20	<20	<20	<20	<60
	10/9/2012	<100	<25	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**610**	<5.0	<5.0	<5.0	<5.0	<5.0	<15
	3/5/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.9**	<1.0	<1.0	<1.0	**54**	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	6/7/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**3.2**	<1.0	<1.0	<1.0	**160**	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	8/27/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**3.2**	<1.0	<1.0	<1.0	**32**	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	11/14/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.4**	<1.0	<1.0	<1.0	**8.8**	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	5/30/2014	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.0**	<1.0	<1.0	<1.0	**18**	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	11/25/2014	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.4**	<1.0	<1.0	<1.0	**3.8**	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	4/20/2015	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.7**	<1.0	<1.0	<1.0	**2.1**	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
PRB-10s (6-11') Depth to Groundwater* Approx. 7.0 - 8.0'	8/11/2011	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**11**	**1.7**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	10/6/2011	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**16**	**2.6**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	1/12/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**42**	**4.3**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	4/9/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**26**	**3.4**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	7/13/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**17**	**2.8**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	10/9/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**5.9**	**1.0**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	3/5/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**15**	**2.6**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	6/6/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**31**	**4.5**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	8/27/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**57**	**7.5**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	11/14/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**40**	**5.3**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	5/30/2014	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**31**	**4.0**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	11/26/2014	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**16**	**2.0**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	4/20/2015	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**8.0**	**1.1**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0

Notes:

Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.

ug/L = micrograms per liter

NC = No criteria

Bold font denotes concentrations detected above laboratory reporting limits

Denotes concentrations above one or more criteria

* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlying clay unit. The depth to the bottom of the upper clay unit is approximately 3.5 feet below ground surface (ft bgs) at PRB-09s; 4.0 ft bgs at PRB-06s; 5.0 ft bgs at PRB-08s, PRB-08d, and PRB-10s; 6.5 ft bgs at PRB-01s, PRB-02s, PRB-04s, and PRB-04d; 7.0 ft bgs at PRB-05s and PRB-07s; and 8.0 ft bgs at PRB-03s.

1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.

2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21

3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which were published by USEPA on September 28, 2011.

Table 2
Summary of Detected Volatile Organic Compounds in Groundwater
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		Acetone[2]	2-Butanone	Benzene[2]	Chloroethane	Chloroform	1,1-Dichloro-ethane	1,2-Dichloro-ethane	1,1-Dichloro-ethene[2]	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	Ethyl-benzene[2]	Isopropyl-benzene	n-Propyl Benzene[2]	Tetrachloro-ethene	Toluene[2]	1,1,1-Tri-chloroethane	1,1,2-Tri-chloroethane	Trichloro-ethene	1,2,4-Tri-methyl-benzene	Vinyl Chloride	Total Xylenes[2]
Residential Health-Based DW Criteria		730	13,000	5.0	430	80	880	5.0	7.0	70	100	700	800	80	5.0	1,000	200	5.0	5.0	1,000	2.0	10,000
Non-Residential Health-Based DW Criteria		2,100	38,000	5.0	1,700	80	2,500	5.0	7.0	70	100	700	2,300	230	5.0	1,000	200	5.0	5.0	2,900	2.0	10,000
GSI Criteria		1,700	2,200	200[1]	1,100[1]	350	740	360[1]	130	620	1,500[1]	18	28	NC	60[1]	270	89	330[1]	200[1]	17	13[1]	41
Residential GWSLs for Vapor Intrusion		8.2E+06	4.3E+06	27	44,000	140	4,300	41	370	83	360	700	10	92	94	36,000	17,000	96	10	1,700	2.8	10,000
Non-Residential GWSLs for Vapor Intrusion		3.4E+07	1.8E+07	140	1.8E+05	720	18,000	210	1,600	350	1,500	2,600	53	390	460	1.5E+05	71,000	480	41	7,300	52	10,000
Groundwater Contact Criteria		3.1E+07	2.4E+08	11,000	4.4E+05	1.5E+05	2.4E+06	19,000	11,000	2.0E+05	2.2E+05	1.7E+05	56,000	15,000	12,000	5.3E+05	1.3E+06	21,000	13,000[3]	56,000	1,000	1.9E+05
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PRB-11s (15-20') Depth to Groundwater Approx. 15.5 - 16.5'	8/10/2011	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**3.4**	<1.0	<1.0	<3.0
	10/6/2011	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.5**	<1.0	<1.0	<3.0
	1/11/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.7**	<1.0	<1.0	<3.0
	4/9/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.4**	<1.0	<1.0	<3.0
	7/16/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.4**	<1.0	<1.0	<3.0
	10/11/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	3/4/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.3**	<1.0	<1.0	<3.0
	6/7/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.2**	<1.0	<1.0	<3.0
	8/26/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.5**	<1.0	<1.0	<3.0
	11/15/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.5**	<1.0	<1.0	<3.0
	5/29/2014	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.4**	<1.0	<1.0	<3.0
	11/26/2014	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.4**	<1.0	<1.0	<3.0
	4/22/2015	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.4**	<1.0	<1.0	<3.0
PRB-12s (15-20') Depth to Groundwater Approx. 15.5 - 16.5'	8/11/2011	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	**17**	<10	**33**	<10	**1,100**	<10	<10	<30
	10/7/2011	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	**17**	<10	**35**	<10	**1,300**	<10	<10	<30
	1/12/2012	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	**14**	<10	**26**	<10	**950**	<10	<10	<30
	4/9/2012	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	**12**	<10	**25**	<10	**850**	<10	<10	<30
	7/12/2012	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	**14**	<10	**27**	**10**	**1,200**	<10	<10	<30
	10/11/2012	<200	**84**	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	**16**	<10	**30**	<10	**1,600**	<10	<10	<30
	3/5/2013	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	**12**	<10	**21**	<10	**840**	<10	<10	<30
	6/5/2013	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	**12**	<10	**19**	<10	**950**	<10	<10	<30
	8/27/2013	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	**13**	<10	**24**	<10	**1,200**	<10	<10	<30
	11/13/2013	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	**16**	<10	**25**	<10	**1,200**	<10	<10	<30
	5/29/2014	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	**11**	<10	**26**	<10	**870**	<10	<10	<30
	11/26/2014	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	**12**	<10	**30**	<10	**1,100**	<10	<10	<30
	4/21/2015	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**32**	<10	**910**	<10	<10	<30

Notes:

Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.

ug/L = micrograms per liter

NC = No criteria

Bold font denotes concentrations detected above laboratory reporting limits

Denotes concentrations above one or more criteria

* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlying clay unit. The depth to the bottom of the upper clay unit is approximately 3.5 feet below ground surface (ft bgs) at PRB-09s; 4.0 ft bgs at PRB-06s; 5.0 ft bgs at PRB-08s, PRB-08d, and PRB-10s; 6.5 ft bgs at PRB-01s, PRB-02s, PRB-04s, and PRB-04d; 7.0 ft bgs at PRB-05s and PRB-07s; and 8.0 ft bgs at PRB-03s.

1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.

2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21

3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which were published by USEPA on September 28, 2011.

Table 2
Summary of Detected Volatile Organic Compounds in Groundwater
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		Acetone[2]	2-Butanone	Benzene[2]	Chloroethane	Chloroform	1,1-Dichloro-ethane	1,2-Dichloro-ethane	1,1-Dichloro-ethene[2]	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	Ethyl-benzene[2]	Isopropyl-benzene	n-Propyl Benzene[2]	Tetrachloro-ethene	Toluene[2]	1,1,1-Tri-chloroethane	1,1,2-Tri-chloroethane	Trichloro-ethene	1,2,4-Tri-methyl-benzene	Vinyl Chloride	Total Xylenes[2]
Residential Health-Based DW Criteria		730	13,000	5.0	430	80	880	5.0	7.0	70	100	700	800	80	5.0	1,000	200	5.0	5.0	1,000	2.0	10,000
Non-Residential Health-Based DW Criteria		2,100	38,000	5.0	1,700	80	2,500	5.0	7.0	70	100	700	2,300	230	5.0	1,000	200	5.0	5.0	2,900	2.0	10,000
GSI Criteria		1,700	2,200	200[1]	1,100[1]	350	740	360[1]	130	620	1,500[1]	18	28	NC	60[1]	270	89	330[1]	200[1]	17	13[1]	41
Residential GWSLs for Vapor Intrusion		8.2E+06	4.3E+06	27	44,000	140	4,300	41	370	83	360	700	10	92	94	36,000	17,000	96	10	1,700	2.8	10,000
Non-Residential GWSLs for Vapor Intrusion		3.4E+07	1.8E+07	140	1.8E+05	720	18,000	210	1,600	350	1,500	2,600	53	390	460	1.5E+05	71,000	480	41	7,300	52	10,000
Groundwater Contact Criteria		3.1E+07	2.4E+08	11,000	4.4E+05	1.5E+05	2.4E+06	19,000	11,000	2.0E+05	2.2E+05	1.7E+05	56,000	15,000	12,000	5.3E+05	1.3E+06	21,000	13,000[3]	56,000	1,000	1.9E+05
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PRB-13s (19-24') Depth to Groundwater Approx. 18.0 - 19.0'	8/11/2011	<200	<50	<10	<50	<10	<10	<10	<10	**12**	<10	<10	<10	<10	<10	<10	**380**	<10	**550**	<10	**14**	<30
	10/6/2011	<500	<120	<25	<120	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**1,100**	<25	**2,700**	<25	<25	<75
	1/12/2012	<500	<120	<25	<120	<25	<25	<25	<25	**25**	<25	<25	<25	<25	<25	<25	**1,200**	<25	**2,800**	<25	<25	<75
	4/3/2012	<500	<120	<25	<120	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**1,100**	<25	**2,500**	<25	<25	<75
	7/12/2012	<400	<100	<20	<100	<20	<20	<20	**23**	<20	<20	<20	<20	<20	<20	<20	**1,200**	<20	**2,900**	<20	**20**	<60
	10/11/2012	<400	**110**	<20	<100	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	**1,200**	<20	**3,100**	<20	<20	<60
	3/5/2013	<400	**110**	<20	<100	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	**1,300**	<20	**3,200**	<20	<20	<60
	6/5/2013	<400	<100	<20	<100	<20	<20	<20	<20	**20**	<20	<20	<20	<20	<20	<20	**1,200**	<20	**2,700**	<20	<20	<60
	8/27/2013	<400	<100	<20	<100	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	**1,100**	<20	**2,800**	<20	<20	<60
	11/13/2013	<400	<100	<20	<100	<20	<20	<20	<20	**20**	<20	<20	<20	<20	<20	<20	**1,200**	<20	**2,500**	<20	<20	<60
	5/29/2014	<400	<100	<20	<100	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	**1,200**	<20	**2,400**	<20	<20	<60
	11/26/2014	<400	<100	<20	<100	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	**1,000**	<20	**2,700**	<20	**29**	<60
	4/21/2015	<400	<100	<20	<100	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	**1,300**	<20	**2,700**	<20	**20**	<60
PRB-14s (19.5-24.5') Depth to Groundwater 17.0 - 18.0'	8/11/2011	<400	<100	<20	<100	<20	<20	<20	<20	**65**	<20	<20	<20	<20	<20	<20	**910**	<20	**3,000**	<20	**62**	<60
	10/6/2011	<400	<100	<20	<100	<20	<20	<20	<20	**48**	<20	<20	<20	<20	<20	<20	**1,100**	<20	**3,300**	<20	**65**	<60
	1/12/2012	<400	<100	<20	<100	<20	<20	<20	<20	**53**	<20	<20	<20	<20	<20	<20	**1,000**	<20	**3,200**	<20	**57**	<60
	4/3/2012	<400	<100	<20	<100	<20	<20	<20	<20	**29**	<20	<20	<20	<20	<20	<20	**990**	<20	**2,700**	<20	**32**	<60
	7/12/2012	<400	<100	<20	<100	<20	<20	<20	<20	**33**	<20	<20	<20	<20	<20	<20	**1,200**	<20	**3,100**	<20	**43**	<60
	10/11/2012	<400	**120**	<20	<100	<20	<20	<20	<20	**35**	<20	<20	<20	<20	<20	<20	**1,300**	<20	**3,500**	<20	**45**	<60
	3/5/2013	<400	**120**	<20	<100	<20	<20	<20	<20	**29**	<20	<20	<20	<20	<20	<20	**1,100**	<20	**3,200**	<20	**41**	<60
	6/5/2013	<400	<100	<20	<100	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	**1,200**	<20	**2,700**	<20	<20	<60
	8/27/2013	<400	<100	<20	<100	<20	<20	<20	<20	**29**	<20	<20	<20	<20	<20	<20	**1,100**	<20	**3,100**	<20	**31**	<60
	11/13/2013	<400	<100	<20	<100	<20	<20	<20	<20	**25**	<20	<20	<20	<20	<20	<20	**1,100**	<20	**2,600**	<20	**25**	<60
	5/29/2014	<400	<100	<20	<100	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	**1,000**	<20	**2,800**	<20	**42**	<60
	11/26/2014	<400	<100	<20	<100	<20	<20	<20	<20	**43**	<20	<20	<20	<20	<20	<20	**920**	<20	**2,900**	<20	**56**	<60
	4/21/2015	<400	<100	<20	<100	<20	<20	<20	<20	**20**	<20	<20	<20	<20	<20	<20	**1,200**	<20	**2,900**	<20	**40**	<60

Notes:

Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.

ug/L = micrograms per liter

NC = No criteria

Bold font denotes concentrations detected above laboratory reporting limits

Denotes concentrations above one or more criteria

* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlying clay unit. The depth to the bottom of the upper clay unit is approximately 3.5 feet below ground surface (ft bgs) at PRB-09s; 4.0 ft bgs at PRB-06s; 5.0 ft bgs at PRB-08s, PRB-08d, and PRB-10s; 6.5 ft bgs at PRB-01s, PRB-02s, PRB-04s, and PRB-04d; 7.0 ft bgs at PRB-05s and PRB-07s; and 8.0 ft bgs at PRB-03s.

1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.

2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21

3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which were published by USEPA on September 28, 2011.

Table 2
Summary of Detected Volatile Organic Compounds in Groundwater
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		Acetone(2)	2-Butanone	Benzene(2)	Chloroethane	Chloroform	1,1-Dichloro-ethane	1,2-Dichloro-ethane	1,1-Dichloro-ethene(2)	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	Ethyl-benzene(2)	Isopropyl-benzene	n-Propyl Benzene(2)	Tetrachloro-ethene	Toluene(2)	1,1,1-Tri-chloroethane	1,1,2-Tri-chloroethane	Trichloro-ethene	1,2,4-Tri-methyl-benzene	Vinyl Chloride	Total Xylenes(2)
Residential Health-Based DW Criteria		730	13,000	5.0	430	80	880	5.0	7.0	70	100	700	800	80	5.0	1,000	200	5.0	5.0	1,000	2.0	10,000
Non-Residential Health-Based DW Criteria		2,100	38,000	5.0	1,700	80	2,500	5.0	7.0	70	100	700	2,300	230	5.0	1,000	200	5.0	5.0	2,900	2.0	10,000
GSI Criteria		1,700	2,200	200(1)	1,100(1)	350	740	360(1)	130	620	1,500(1)	18	28	NC	60(1)	270	89	330(1)	200(1)	17	13(1)	41
Residential GWSLs for Vapor Intrusion		8.2E+06	4.3E+06	27	44,000	140	4,300	41	370	83	360	700	10	92	94	36,000	17,000	96	10	1,700	2.8	10,000
Non-Residential GWSLs for Vapor Intrusion		3.4E+07	1.8E+07	140	1.8E+05	720	18,000	210	1,600	350	1,500	2,600	53	390	460	1.5E+05	71,000	480	41	7,300	52	10,000
Groundwater Contact Criteria		3.1E+07	2.4E+08	11,000	4.4E+05	1.5E+05	2.4E+06	19,000	11,000	2.0E+05	2.2E+05	1.7E+05	56,000	15,000	12,000	5.3E+05	1.3E+06	21,000	13,000(3)	56,000	1,000	1.9E+05
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PRB-15s (15-20') Depth to Groundwater 16.0 - 17.0'	8/11/2011	<400	<100	<20	<100	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	**1,200**	<20	**2,500**	<20	<20	<60
	10/6/2011	<400	<100	<20	<100	<20	<20	<20	<20	**20**	<20	<20	<20	<20	<20	<20	**1,200**	<20	**2,700**	<20	<20	<60
	1/12/2012	<400	<100	<20	<100	<20	<20	<20	<20	**21**	<20	<20	<20	<20	<20	<20	**850**	<20	**1,900**	<20	<20	<60
	4/9/2012	<400	<100	<20	<100	<20	<20	<20	<20	**1,700**	<20	<20	<20	<20	<20	<20	**730**	<20	**1,800**	<20	<20	<60
	7/12/2012	<400	<100	<20	<100	<20	<20	<20	<20	**460**	<20	<20	<20	<20	<20	<20	**580**	<20	**2,300**	<20	<20	<60
	10/11/2012	<400	**120**	<20	<100	<20	<20	<20	<20	**880**	<20	<20	<20	<20	<20	<20	**750**	<20	**2,700**	<20	<20	<60
	3/5/2013	<400	**110**	<20	<100	<20	<20	<20	<20	**120**	<20	<20	<20	<20	<20	<20	**570**	<20	**1,800**	<20	<20	<60
	6/5/2013	<400	<100	<20	<100	<20	<20	<20	<20	**130**	<20	<20	<20	<20	<20	<20	**260**	<20	**1,600**	<20	<20	<60
	8/27/2013	<400	<100	<20	<100	<20	<20	<20	<20	**100**	<20	<20	<20	<20	<20	<20	**280**	<20	**1,800**	<20	<20	<60
	11/14/2013	<400	<100	<20	<100	<20	<20	<20	<20	**46**	<20	<20	<20	<20	<20	<20	**720**	<20	**1,500**	<20	<20	<60
	5/29/2014	<200	<50	<10	<50	<10	<10	<10	<10	**41**	<10	<10	<10	<10	<10	<10	**350**	<10	**1,500**	<10	<10	<30
	11/26/2014	<200	<50	<10	<50	<10	<10	<10	<10	**28**	<10	<10	<10	<10	<10	<10	**500**	<10	**1,900**	<10	<10	<30
	4/21/2015	<400	<100	<20	<100	<20	<20	<20	<20	**24**	<20	<20	<20	<20	<20	<20	**570**	<20	**2,000**	<20	<20	<60
PRB-15d (29-34') Depth to Groundwater 16.0 - 17.0'	8/11/2011	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.1**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.9**	<1.0	<1.0	<3.0
	10/6/2011	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**5.8**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.3**	<1.0	**13**	<1.0	**1.9**	<3.0
	1/12/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**3.9**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**5.4**	<1.0	**28**	<1.0	**1.2**	<3.0
	4/9/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**6.9**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**5.0**	<1.0	**24**	<1.0	**2.0**	<3.0
	7/12/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**2.7**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**3.7**	<1.0	**19**	<1.0	<1.0	<3.0
	10/11/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**3.5**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**5.2**	<1.0	**26**	<1.0	<1.0	<3.0
	3/5/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**3.0**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**5.0**	<1.0	**32**	<1.0	<1.0	<3.0
	6/5/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**2.6**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**3.7**	<1.0	**19**	<1.0	<1.0	<3.0
	8/27/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.7**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**4.0**	<1.0	**21**	<1.0	<1.0	<3.0
	11/14/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.9**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**6.6**	<1.0	**26**	<1.0	<1.0	<3.0
	5/29/2014	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**6.5**	<1.0	<1.0	<3.0
	11/26/2014	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**4.4**	<1.0	<1.0	<3.0
	4/21/2015	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.1**	<3.0

Notes:

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1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.

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3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which were published by USEPA on September 28, 2011.

Table 2
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PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		Acetone(2)	2-Butanone	Benzene(2)	Chloroethane	Chloroform	1,1-Dichloro-ethane	1,2-Dichloro-ethane	1,1-Dichloro-ethene(2)	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	Ethyl-benzene(2)	Isopropyl-benzene	n-Propyl Benzene(2)	Tetrachloro-ethene	Toluene(2)	1,1,1-Tri-chloroethane	1,1,2-Tri-chloroethane	Trichloro-ethene	1,2,4-Tri-methyl-benzene	Vinyl Chloride	Total Xylenes(2)
Residential Health-Based DW Criteria		730	13,000	5.0	430	80	880	5.0	7.0	70	100	700	800	80	5.0	1,000	200	5.0	5.0	1,000	2.0	10,000
Non-Residential Health-Based DW Criteria		2,100	38,000	5.0	1,700	80	2,500	5.0	7.0	70	100	700	2,300	230	5.0	1,000	200	5.0	5.0	2,900	2.0	10,000
GSI Criteria		1,700	2,200	200(1)	1,100(1)	350	740	360(1)	130	620	1,500(1)	18	28	NC	60(1)	270	89	330(1)	200(1)	17	13(1)	41
Residential GWSLs for Vapor Intrusion		8.2E+06	4.3E+06	27	44,000	140	4,300	41	370	83	360	700	10	92	94	36,000	17,000	96	10	1,700	2.8	10,000
Non-Residential GWSLs for Vapor Intrusion		3.4E+07	1.8E+07	140	1.8E+05	720	18,000	210	1,600	350	1,500	2,600	53	390	460	1.5E+05	71,000	480	41	7,300	52	10,000
Groundwater Contact Criteria		3.1E+07	2.4E+08	11,000	4.4E+05	1.5E+05	2.4E+06	19,000	11,000	2.0E+05	2.2E+05	1.7E+05	56,000	15,000	12,000	5.3E+05	1.3E+06	21,000	13,000(3)	56,000	1,000	1.9E+05
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PRB-16s (5-10') Depth to Groundwater 6.5 - 7.5'	8/6/2012	<20	<5.0	<1.0	<5.0	<1.0	**5.3**	<1.0	**1.4**	**51**	**4.8**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**5.5**	**3.5**	<1.0	<1.0	<3.0
	10/9/2012	<20	<5.0	<1.0	<5.0	<1.0	**3.8**	<1.0	**1.1**	**31**	**2.8**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**5.5**	**4.6**	<1.0	<1.0	<3.0
	3/27/2013	<20	<5.0	<1.0	<5.0	<1.0	**3.6**	<1.0	**1.1**	**29**	**3.2**	<1.0	<1.0	<1.0	<1.0	<1.0	**1.0**	**2.8**	**12**	<1.0	<1.0	<3.0
	6/6/2013	<20	<5.0	<1.0	<5.0	<1.0	**4.4**	<1.0	**1.3**	**32**	**2.9**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**3.1**	**11**	<1.0	<1.0	<3.0
	8/27/2013	<20	<5.0	<1.0	<5.0	<1.0	**7.9**	<1.0	**1.9**	**28**	**2.5**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**5.2**	**21**	<1.0	<1.0	<3.0
	11/14/2013	<20	<5.0	<1.0	<5.0	<1.0	**12**	<1.0	**2.9**	**28**	**2.4**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**5.0**	**21**	<1.0	<1.0	<3.0
	5/30/2014	<20	<5.0	<1.0	<5.0	<1.0	**8.2**	<1.0	**3.0**	**19**	**1.6**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**4.5**	**25**	<1.0	<1.0	<3.0
	12/1/2014	<20	<5.0	<1.0	<5.0	<1.0	**9.9**	<1.0	**5.2**	**28**	**2.1**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**9.1**	**66**	<1.0	<1.0	<3.0
	4/20/2015	<20	<5.0	<1.0	<5.0	<1.0	**9.7**	<1.0	**5.3**	**26**	**2.4**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**9.6**	**91**	<1.0	<1.0	<3.0

Notes:

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Bold font denotes concentrations detected above laboratory reporting limits

Denotes concentrations above one or more criteria

* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlying clay unit. The depth to the bottom of the upper clay unit is approximately 3.5 feet below ground surface (ft bgs) at PRB-09s; 4.0 ft bgs at PRB-06s; 5.0 ft bgs at PRB-08s, PRB-08d, and PRB-10s; 6.5 ft bgs at PRB-01s, PRB-02s, PRB-04s, and PRB-04d; 7.0 ft bgs at PRB-05s and PRB-07s; and 8.0 ft bgs at PRB-03s.

1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.

2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21

3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which were published by USEPA on September 28, 2011.

Table 3
Field Data
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
PRB-01s	8/10/2011	7.56	1,010	-74	0.33	20.8	18.23
	10/7/2011	7.54	858	-9	0.23	1.1	18.61
	1/11/2012	7.20	1,180	24	0.43	0.0	10.42
	4/10/2012	7.71	626	-7	0.32	1.7	9.70
	7/16/2012	6.99	810	-94	0.60	10.5	17.75
	10/10/2012	NM	NM	-35	0.31	10.8	17.93
	3/4/2013	7.38	813	-51	0.93	0.2	7.91
	6/7/2013	7.48	925	-69	0.35	0.6	12.75
	8/26/2013	7.21	950	-82	0.60	13.0	19.60
	11/15/2013	6.81	679	-50	1.41	27.3	14.79
	5/30/2014	7.42	659	-67	0.80	0.87	11.76
	11/24/2014	7.03	485	-23.4	0.46	2.20	13.86
	4/21/2015	7.35	622	-16.7	0.73	0.89	8.24
PRB-02s	8/10/2011	7.70	1,051	-55	0.31	22.9	18.05
	10/7/2011	7.62	1,117	-58.4	0.20	3.6	18.72
	1/11/2012	7.24	708	-7	0.41	2.0	10.65
	4/10/2012	7.62	728	-47	0.42	1.2	9.75
	7/13/2012	7.39	747	-91	0.37	15.7	18.34
	10/10/2012	NM	NM	-56	0.28	11.7	17.91
	3/5/2013	6.98	625	107	1.12	0.6	6.20
	6/7/2013	7.63	679	20	0.27	0.5	12.42
	8/26/2013	7.38	527	-61	0.59	13.9	19.63
	11/15/2013	6.71	840	-39	0.93	28.0	14.43
	6/5/2014	7.26	762	-0.3	0.56	0.81	12.66
	11/24/2014	7.12	624	-3.7	0.67	1.91	14.15
	4/21/2015	7.22	825	20.8	0.66	4.45	7.69
PRB-03s	8/10/2011	7.46	392	-199	0.40	22.1	17.41
	10/6/2011	7.07	497	-164.1	0.38	2.1	16.95
	1/11/2012	7.15	641	-146	0.49	0.5	9.56
	4/10/2012	7.61	465	-107	0.37	4.4	9.63
	7/16/2012	7.27	719	-178	0.43	32.1	19.33
	10/9/2012	NM	529	-134	0.36	11.7	17.69
	3/4/2013	7.10	927	-85	1.82	3.9	7.07
	6/6/2013	7.30	575	-199	0.76	2.4	12.54
	8/26/2013	7.20	522	-147	0.62	17.9	21.09
	11/15/2013	6.92	488	-121	1.45	39.0	15.17
	5/28/2014	7.28	686	-128	0.70	4.18	11.53
	11/25/2014	7.25	462	-113.8	0.71	5.50	12.62
	4/22/2015	7.30	616	-115.7	0.54	3.28	8.16

Notes:
S.U. = Standard pH Units, umhos/cm = micromhos per centimeter, mV = milliVolts, mg/L = milligrams per Liter, NTU = Nephelometric Turbidity Units, °C = degrees Celsius
NM = not measured

Table 3
Field Data
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
PRB-04s	8/10/2011	7.43	737	-152	0.36	23.9	17.60
	10/7/2011	7.70	964	-137	0.21	4.9	16.78
	1/11/2012	7.29	825	-172	0.31	8.0	10.27
	4/10/2012	7.53	894	-161	0.25	1.9	9.86
	7/16/2012	7.04	988	-172	0.43	19.8	18.09
	10/4/2012	NM	592	-173	0.26	5.0	17.88
	3/4/2013	6.98	659	-86	0.69	1.7	8.58
	6/6/2013	7.27	739	-130	0.35	1.5	11.39
	8/26/2013	6.95	692	-136	0.59	16.1	18.14
	11/15/2013	6.68	507	-129	0.91	45.8	13.98
	5/28/2014	7.24	673	-137	0.47	9.52	11.02
	11/24/2014	7.11	379	-98.3	0.51	2.33	12.92
	4/22/2015	7.19	467	-98.8	0.40	2.11	8.17
PRB-04d	8/10/2011	7.27	1,160	-192	0.25	22.0	13.20
	10/7/2011	7.49	1,127	-110.4	0.23	3.5	13.94
	1/1/2012	7.05	1,177	-169	0.34	0.0	12.00
	4/10/2012	7.53	959	-91	0.39	3.3	11.25
	7/16/2012	7.25	1,113	-138	0.38	27.3	15.21
	10/4/2012	NM	1,009	-176	0.27	1.8	14.58
	3/4/2013	7.28	947	-80	1.46	1.8	10.65
	6/6/2013	7.67	897	-210	0.32	8.1	11.79
	8/26/2013	7.22	1,155	-122	0.58	17.0	15.78
	11/15/2013	6.95	1,047	-116	1.12	29.6	13.45
	5/28/2014	7.40	1,061	-139	0.32	9.72	11.95
	11/25/2014	7.32	658	-75.9	0.84	1.84	11.60
	4/22/2015	7.33	675	-73.0	0.69	6.25	10.45
PRB-05s	8/11/2011	7.52	556	37	5.56	26.6	17.05
	10/6/2011	7.47	500	5.7	5.08	2.5	17.45
	1/12/2012	7.20	607	48	4.74	1.2	9.09
	4/9/2012	7.60	490	64	5.31	2.5	10.38
	7/12/2012	7.38	618	31	4.77	14.2	17.05
	10/9/2012	NM	NM	54	6.09	11.0	16.74
	3/5/2013	7.53	423	59	8.34	3.4	6.50
	6/7/2013	7.35	426	120	4.25	0.5	11.36
	8/27/2013	7.20	659	29	2.17	19.8	17.73
	11/14/2013	7.04	488	32	4.03	28.5	13.78
	5/29/2014	7.53	523	32	5.94	1.0	10.18
	11/25/2014	7.41	383	14.9	4.52	1.53	11.62
	4/20/2015	7.35	357	52.4	5.90	0.79	7.43

Notes:

S.U. = Standard pH Units, umhos/cm = micromhos per centimeter, mV = milliVolts, mg/L = milligrams per Liter, NTU = Nephelometric Turbidity Units, °C = degrees Celsius

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Table 3
Field Data
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
PRB-06s	8/11/2011	6.49	13,900	-177	0.14	62.8	20.08
	10/6/2011	6.28	8,656	-114.8	0.09	77.7	19.11
	1/12/2012	6.77	2,480	-153	1.60	29.8	9.04
	4/10/2012	7.42	1,146	-123	1.46	54.9	7.98
	7/12/2012	7.19	1,780	-192	1.36	207	20.31
	10/9/2012	NM	NM	-75	6.85	88.0	21.28
	3/5/2013	7.12	243	-59	1.29	25.5	5.34
	6/7/2013	7.51	795	-147	0.76	42.0	11.01
	8/27/2013	7.37	1,185	-165	0.60	70.3	18.12
	11/14/2013	7.81	1,081	-188	1.06	68.2	14.31
	5/29/2014	7.45	998	-160	2.10	86.1	12.94
	11/25/2014	7.44	498	-113.9	2.57	59.2	8.61
	4/21/2015	7.01	329	-24.7	1.02	38.3	7.13
PRB-07s	8/10/2011	7.59	667	-188	0.29	23.0	17.81
	10/7/2011	7.64	577	-97.1	0.25	1.7	17.12
	1/11/2012	7.14	591	-88	0.35	1.1	9.88
	4/10/2012	7.65	443	-42	0.58	2.1	9.09
	7/16/2012	7.10	675	-118	0.44	32.5	16.99
	10/4/2012	NM	560	-109	0.34	3.5	17.66
	3/4/2013	7.28	538	-71	1.78	1.7	8.00
	6/6/2013	7.66	703	-212	0.33	0.7	12.25
	8/26/2013	7.27	832	-139	0.52	16.9	18.90
	11/15/2013	6.80	725	-98	0.89	29.3	13.99
	5/28/2014	7.49	658	-154	0.32	2.32	11.26
	11/25/2014	7.23	502	-86.7	0.72	3.99	12.29
	4/22/2015	7.35	561	-81.4	0.40	0.98	8.26
PRB-08s	8/10/2011	7.44	1,119	-122	0.28	22.7	18.39
	10/6/2011	7.35	1,148	-143.5	0.37	2.3	17.02
	1/11/2012	7.06	1,233	-129	0.41	1.0	9.97
	4/10/2012	7.29	965	-105	0.31	1.1	10.28
	7/13/2012	6.91	1,157	-105	0.37	14.7	17.80
	10/4/2012	NM	796	-111	0.30	5.9	18.72
	3/5/2013	7.01	832	-49	1.92	9.8	7.08
	6/6/2013	7.51	856	-164	0.30	4.3	13.12
	8/26/2013	7.11	982	-115	0.59	17.0	19.56
	11/15/2013	6.67	703	-93	1.75	31.0	14.00
	5/28/2014	7.36	716	-111	0.39	6.54	11.29
	11/25/2014	6.99	467	-45.7	0.68	5.24	12.94
	4/22/2015	7.20	470	-17.4	0.65	1.76	8.33

Notes:

S.U. = Standard pH Units, umhos/cm = micromhos per centimeter, mV = milliVolts, mg/L = milligrams per Liter, NTU = Nephelometric Turbidity Units, °C = degrees Celsius

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Table 3
Field Data
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
PRB-08d	8/10/2011	7.59	1,044	-162	0.20	21.0	14.30
	10/6/2011	7.40	996	-93	0.27	9.6	14.05
	1/11/2012	7.05	972	-90	0.41	0.0	11.91
	4/10/2012	7.40	836	-63	0.23	1.5	11.92
	7/13/2012	7.23	1,163	-105	0.33	14.2	16.05
	10/4/2012	NM	874	-126	0.25	4.4	15.18
	3/5/2013	7.29	812	-30	0.94	3.3	10.34
	6/6/2013	7.55	819	-119	0.29	8.6	13.42
	8/26/2013	7.22	989	-94	0.55	32.5	17.30
	11/15/2013	6.76	829	-70	2.22	33.8	12.70
	5/28/2014	7.41	942	-99	0.27	8.90	12.54
	11/25/2014	7.27	677	-73.8	0.55	6.50	13.23
	4/22/2015	7.32	719	-37.1	0.41	3.46	10.83
PRB-09s	8/11/2011	6.70	8,440	-202	0.15	41.8	19.38
	10/6/2011	7.04	2,984	-130.8	2.45	91.0	20.65
	1/12/2012	7.02	2,370	-140	0.88	25.0	9.80
	4/9/2012	7.50	1,840	-143	0.86	37.8	12.68
	7/13/2012	7.27	3,470	-198	0.36	57.7	18.97
	10/9/2012	NM	1,910	-109	5.69	74.7	21.55
	3/5/2013	7.35	468	-42	1.69	35.7	6.23
	6/7/2013	7.51	1,156	-106	4.03	52.1	13.29
	8/27/2013	7.14	1,800	-150	0.70	33.0	19.75
	11/14/2013	6.92	1,590	-140	1.97	41.7	14.72
	5/30/2014	6.96	990	-96	3.74	18.3	11.50
	11/25/2014	7.18	993	-101.4	1.72	14.6	10.92
	4/20/2015	7.11	665	73.3	2.04	15.3	8.61
PRB-10s	8/11/2011	7.37	1,054	-66	2.95	21.1	18.54
	10/6/2011	6.95	992	27.5	2.90	1.7	18.81
	1/12/2012	6.97	1,158	37	1.57	24.0	10.15
	4/9/2012	7.33	827	96	3.20	3.3	11.58
	7/13/2012	6.79	1,392	68	2.28	12.2	17.92
	10/9/2012	NM	921	40	1.42	9.7	18.79
	3/5/2013	7.25	672	93	5.41	0.5	7.37
	6/6/2013	7.57	591	62	6.56	1.2	13.73
	8/27/2013	6.78	966	136	4.99	16.8	19.01
	11/14/2013	6.74	875	49	3.30	29.9	14.20
	5/30/2014	7.21	636	39	6.39	1.84	12.35
	11/26/2014	7.02	625	139.2	6.00	6.66	12.61
	4/20/2015	7.18	511	93.3	7.28	6.88	10.00

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Table 3
Field Data
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
PRB-11s	8/10/2011	7.39	530	133	6.63	19.1	14.12
	10/6/2011	6.97	454	-6.3	8.12	3.1	13.80
	1/11/2012	7.24	454	188	5.30	1.0	10.80
	4/9/2012	7.67	394	46	6.95	11.8	12.27
	7/16/2012	7.52	503	0	6.50	21.8	15.50
	10/11/2012	7.63	NM	56	7.48	12.2	13.71
	3/4/2013	7.28	389	180	6.31	0.3	10.55
	6/7/2013	7.78	338	112	6.38	2.2	11.69
	8/26/2013	7.30	424	163	7.58	14.9	15.14
	11/15/2013	7.19	350	20	7.20	27.9	12.81
	5/29/2014	7.39	535	161	7.18	1.62	11.52
	11/26/2014	7.31	297	116.6	9.88	3.93	11.58
	4/22/2015	7.55	335	72.3	7.39	2.09	9.46
PRB-12s	8/11/2011	7.65	890	-48	4.75	21.8	13.28
	10/6/2011	6.94	988	59.2	4.59	3.1	13.72
	1/12/2012	7.00	1,001	143	3.72	2.1	11.26
	4/9/2012	7.56	674	90	6.07	4.1	11.67
	7/12/2012	7.10	1,143	191	2.96	7.9	13.13
	10/11/2012	7.29	NM	202	3.64	12.0	13.54
	3/5/2013	8.19	196	70	6.81	2.6	7.09
	6/5/2013	7.73	523	218	8.65	0.6	12.22
	8/27/2013	7.41	731	21	6.14	18.0	16.40
	11/13/2013	7.28	838	1.83	4.36	25.9	12.30
	5/29/2014	7.59	815	84	5.59	0.94	11.56
	11/26/2014	7.42	876	75	5.43	33.6	11.81
	4/21/2015	7.56	508	73.4	7.15	2.80	10.40
PRB-13s	8/11/2011	7.66	686	-77	1.44	24.0	14.70
	10/6/2011	6.81	721	46.1	2.36	1.1	14.77
	1/12/2012	7.18	626	115	1.32	0.0	12.96
	4/3/2012	7.23	570	62	1.00	1.0	14.65
	7/12/2012	7.31	684	25	1.92	13.9	15.53
	10/11/2012	7.39	NM	169	2.72	13.3	14.56
	3/5/2013	7.47	615	43	2.59	7.0	11.96
	6/5/2013	7.82	593	146	1.43	4.5	15.14
	8/27/2013	7.32	631	-15	1.70	16.8	17.13
	11/13/2013	7.23	547	64	2.36	26.9	12.16
	5/29/2014	7.45	715	47	1.39	0.00	13.64
	11/26/2014	7.32	767	31	2.64	33.9	12.22
	4/21/2015	7.40	512	96.2	3.00	1.94	12.33

Notes:

S.U. = Standard pH Units, umhos/cm = micromhos per centimeter, mV = milliVolts, mg/L = milligrams per Liter, NTU = Nephelometric Turbidity Units, °C = degrees Celsius

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Table 3
Field Data
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
PRB-14s	8/11/2011	7.56	952	-111	0.33	32.0	14.93
	10/6/2011	7.38	698	6.2	0.32	3.3	15.58
	1/12/2012	6.75	704	8	0.39	9.9	13.05
	4/3/2012	7.47	651	25	0.55	6.3	14.10
	7/12/2012	7.33	835	4	0.42	16.3	16.12
	10/11/2012	7.44	NM	86	0.91	14.3	15.29
	3/5/2013	7.45	628	36	2.39	3.0	10.40
	6/5/2013	7.74	681	153	0.66	0.8	14.64
	8/27/2013	7.32	770	-9	0.65	17.2	17.57
	11/13/2013	7.24	592	20	1.29	26.5	12.60
	5/29/2014	7.51	730	29	0.55	0.95	13.92
	11/26/2014	7.38	788	-25	1.12	36.1	11.98
	4/21/2015	7.42	567	88.5	1.19	1.14	11.85
PRB-15s	8/11/2011	7.43	924	-103	0.91	28.0	14.63
	10/6/2011	7.05	914	25	1.82	2.5	16.01
	1/12/2012	7.53	467	95	3.75	32.0	12.67
	4/9/2012	7.35	729	119	1.55	7.8	11.74
	7/12/2012	7.17	1,154	48	1.63	14.6	15.52
	10/11/2012	7.40	NM	-68	0.74	11.3	16.17
	3/5/2013	7.39	538	5	1.07	2.0	10.20
	6/5/2013	7.52	1,058	169	3.79	2.9	13.92
	8/27/2013	7.02	969	58	2.10	17.1	17.60
	11/14/2013	6.77	608	243	1.40	28.0	14.03
	5/29/2014	7.35	750	46	3.28	1.09	13.01
	11/26/2014	7.27	893	52	4.04	37.5	11.71
	4/21/2015	7.40	475	126.9	2.62	2.76	11.19
PRB-15d	8/11/2011	7.52	1,009	-172	0.41	26.9	14.85
	10/6/2011	7.20	876	-82.5	0.28	4.2	14.86
	1/12/2012	7.10	957	-162	0.42	0.5	13.09
	4/9/2012	7.39	877	41	0.56	5.1	12.76
	7/12/2012	7.35	1,195	-88	0.32	14.3	16.03
	10/11/2012	7.46	NM	-110	0.38	12.8	14.76
	3/5/2013	7.43	850	-74	1.28	5.9	10.21
	6/5/2013	7.80	919	-218	0.38	3.1	14.67
	8/27/2013	7.19	1,097	-90	0.60	22.0	17.26
	11/14/2013	6.98	916	-98	1.15	32.0	13.43
	5/29/2014	7.38	1,091	-116	0.46	0.96	14.28
	11/26/2014	7.53	944	51	1.45	41.3	11.47
	4/21/2015	7.50	610	84.7	0.86	1.33	12.59

Notes:

S.U. = Standard pH Units, umhos/cm = micromhos per centimeter, mV = milliVolts, mg/L = milligrams per Liter, NTU = Nephelometric Turbidity Units, °C = degrees Celsius

NM = not measured

Table 3
Field Data
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
PRB-16s	7/12/2012	7.01	778	68	2.81	4.8	21.05
	10/9/2012	NM	641	58	3.12	12.6	19.01
	3/27/2013	8.70	883	93	4.37	0.0	8.56
	6/6/2013	7.46	834	68	3.70	0.9	14.25
	8/27/2013	7.00	833	45	3.25	17.1	19.14
	11/14/2013	6.89	649	28	2.90	26.9	14.17
	5/30/2014	7.29	605	-66	2.94	2.83	12.99
	12/1/2014	7.18	561	-76	1.68	28.2	11.49
	4/20/2015	7.34	342	-1.4	5.01	3.4	9.01

Notes:
S.U. = Standard pH Units, umhos/cm = micromhos per centimeter, mV = milliVolts, mg/L = milligrams per Liter, NTU = Nephelometric Turbidity Units, °C = degrees Celsius
NM = not measured

Table 4
Summary of Dissolved Gases Near PRB Section 1
PRB Performance Monitoring
Tecumseh Products Company
Tecumseh, Michigan

Analyte		Methane	Ethane	Ethylene
Units		ug/L	ug/L	ug/L
PRB-01s	10/7/2011	7.0	9.1	<1.0
	1/11/2012	1,800	3.7	2.2
	4/10/2012	9,700(1)	9.6	1.0
	7/16/2012	470	1.7	1.2
	10/10/2012	340	<1.0	<1.0
	3/4/2013	4,500	3.2	58
	6/7/2013	1,300	3.1	9.4
	8/26/2013	180	<1.0	1.4
	11/15/2013	480	<1.0	<1.0
	5/30/2014	930	<1.0	7.4
	11/24/2014	12	<1.0	<1.0
	4/21/2015	200	<1.0	<1.0
PRB-02s	10/7/2011	730	4.5	<1.0
	1/11/2012	2,400	1.9	<1.0
	4/10/2012	9,200	5.0	<1.0
	7/13/2012	8,800	1.2	1.7
	10/10/2012	1,800	2.0	12
	3/5/2013	1,600	<1.0	20
	6/7/2013	4,100	1.1	61
	8/26/2013	3,100	<1.0	4.9
	11/15/2013	7,500	3.6	7.0
	6/5/2014	2,700	1.2	4.2
	11/24/2014	3,500	2.7	1.1
	4/21/2015	970	2.7	1.0
PRB-04s	10/7/2011	20	3.1	<1.0
	1/11/2012	2,300	6.5	20
	4/10/2012	9,000	13	180
	7/16/2012	7,300	7.6	250
	10/4/2012	3,400	2.6	100
	3/4/2013	12,000	1.6	84
	6/6/2013	14,000	1.2	160
	8/26/2013	8,800	1.7	76
	11/15/2013	4,500	7.0	87
	5/28/2014	4,600	36	59
	11/24/2014	2,700	19	72
	4/22/2015	3,300	9.2	56
PRB-06s	10/6/2011	--	--	--
	1/12/2012	1,700	21	74
	4/10/2012	14,000	27	78
	7/12/2012	9,100	17	54
	10/9/2012	3,000	11	30
	3/5/2013	6,800	24	40
	6/7/2013	10,000	26	<1.0
	8/27/2013	12,000	6.9	39
	11/14/2013	14,000	33	32
	5/29/2014	6,200	29	13
	11/25/2014	8,400	22	7.6
	4/21/2015	6,500	20	3.6

Notes:

ug/L = micrograms per liter

-- = Not analyzed

1) Reported concentration is greater than the calibrated range of the instrument. Result is approximate.

Table 4
Summary of Dissolved Gases Near PRB Section 1
PRB Performance Monitoring
Tecumseh Products Company
Tecumseh, Michigan

Analyte		Methane	Ethane	Ethylene
Units		ug/L	ug/L	ug/L
PRB-07s	10/7/2011	1,500	1.9	<1.0
	1/11/2012	1,600	2.0	1.3
	4/10/2012	11,000	<1.0	<1.0
	7/16/2012	8,700	1.4	1.1
	10/4/2012	3,200	1.4	<1.0
	3/4/2013	5,000	2.2	<1.0
	6/6/2013	7,800	2.1	16
	8/26/2013	2,200	1.4	4.4
	11/15/2013	2,100	1.1	4.9
	5/28/2014	1,100	1.0	3.6
	11/25/2014	730	1.8	3.3
	4/22/2015	4,700	6.7	5.4
PRB-08s	10/7/2011	2,200	2.6	1.1
	1/11/2012	1,700	<1.0	<1.0
	4/10/2012	9,700	1.2	<1.0
	7/13/2012	8,200	1.0	<1.0
	10/4/2012	3,000	<1.0	<1.0
	3/5/2013	1,600	<1.0	1.3
	6/6/2013	1,100	<1.0	1.3
	8/26/2013	780	<1.0	1.5
	11/15/2013	94	<1.0	<1.0
	5/28/2014	100	<1.0	<1.0
	11/25/2014	180	<1.0	<1.0
	4/22/2015	240	<1.0	<1.0
PRB-09s	10/6/2011	--	--	--
	1/12/2012	1,500	4.0	4.1
	4/9/2012	15,000	6.2	7.2
	7/13/2012	10,000	6.9	2.8
	10/9/2012	1,600	<1.0	<1.0
	3/5/2013	3,700	3.7	<1.0
	6/7/2013	6,300	6.9	<1.0
	8/27/2013	7,800	1.8	<1.0
	11/14/2013	8,800	5.6	<1.0
	5/30/2014	8,400	6.4	<1.0
	11/25/2014	9,200	4.5	<1.0
	4/20/2015	11,000	6.2	<1.0

Notes:

ug/L = micrograms per liter

-- = Not analyzed

1) Reported concentration is greater than the calibrated range of the instrument. Result is approximate.

Table 5
Summary of Gas Composition at Methane Vent Locations
PRB Performance Monitoring
Tecumseh Products Company
Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
V-01[1,2]	11/4/2011	10.8	2.7	15.0	71.3
	11/14/2011	16.0	4.5	12.2	67.7
	12/14/2011	24.0	4.0	10.0	62.6
	1/24/2012	0.0	0.0	21.5	78.5
	2/15/2012	8.1	3.9	13.8	74.2
	2/22/2012	0.9	1.8	18.5	78.7
	2/28/2012	0.5	1.7	19.3	78.5
	3/7/2012	0.7	1.4	19.2	78.7
	3/21/2012	0.7	2.6	18.6	78.0
	5/2/2012	0.5	1.1	18.8	79.5
	6/14/2012	0.1	1.1	20.6	78.2
	8/23/2012	0.2	1.2	19.3	79.3
	11/29/2012	0.0	0.8	20.4	78.6
	1/24/2013	0.0	0.4	20.3	79.2
	2/28/2013	0.0	0.7	19.8	79.5
	3/25/2013	0.0	0.5	20.1	79.2
	5/23/2013	0.0	0.6	21.4	78.0
	8/16/2013	0.0	1.6	19.4	79.0
	11/5/2013	0.0	0.6	20.0	79.3
	1/28/2014[4]	--	--	--	--
	2/26/2014	0.0	0.9	19.0	80.1
	3/21/2014	0.0	0.5	19.9	79.5
	5/21/2014	0.0	0.6	20.1	79.3
	7/16/2014	0.0	0.6	20.1	79.2
	11/12/2014	0.1	0.7	20.6	78.6
	12/4/2014	0.0	0.2	21.0	78.7
	1/14/2015	0.0	0.2	20.7	78.7
	2/26/2015	0.0	0.6	20.4	78.9
	5/27/2015	0.1	0.4	20.4	79.2

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

1) Concentrations of methane at vent locations V-01, V-02, V-03 and V-04 triggered a pilot study for active soil gas removal which was conducted on December 22, 2011.
2) Based on pilot study results, an active soil gas removal system was designed and installed at vents V-01, V-02 and V-03. The permanent power-supply was installed, and the active system became fully functional on February 15, 2012.
3) Water in sample port. Gas reading terminated prior to stabilization.
4) Sample port frozen.
5) Heavy snow and ice cover prevented sample collection.

Table 5
Summary of Gas Composition at Methane Vent Locations
PRB Performance Monitoring
Tecumseh Products Company
Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
V-02[1,2]	11/4/2011	39.5	3.9	10.1	46.7
	11/14/2011	32.0	4.3	8.8	53.5
	12/14/2011	33.0	3.2	11.8	52.8
	1/24/2012	26.4	4.6	3.7	65.4
	2/15/2012	12.6	4.2	11.9	71.3
	2/22/2012	1.8	2.4	15.5	80.2
	2/28/2012	0.9	2.7	17.3	79.0
	3/7/2012	1.2	2.2	17.5	78.9
	3/21/2012	1.0	3.4	17.3	78.3
	5/2/2012	1.0	3.1	16.6	79.3
	6/14/2012	0.5	2.4	19.2	77.9
	8/23/2012	0.2	1.8	18.6	79.4
	11/29/2012	0.0	1.0	20.2	78.7
	1/24/2013	0.0	0.5	20.3	79.1
	2/28/2013	0.0	0.7	19.6	79.7
	3/25/2013	0.0	0.4	20.6	78.8
	5/23/2013	0.0	0.6	21.4	78.0
	8/16/2013	0.0	1.6	19.3	79.1
	11/5/2013	0.0	0.8	19.9	79.3
	1/28/2014[4]	--	--	--	--
	2/26/2014	0.0	0.9	20.2	78.9
	3/21/2014	0.0	0.4	20.6	79.0
	5/19/2014	0.0	0.4	20.2	79.4
	7/16/2014	0.0	0.6	20.1	79.3
	11/12/2014	0.1	0.8	20.5	78.5
	12/4/2014	0.0	0.1	21.2	78.6
	1/14/2015	0.0	0.7	21.0	78.4
	2/26/2015	0.0	0.6	20.5	78.8
	5/27/2015	0.0	0.4	20.5	79.1

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

1) Concentrations of methane at vent locations V-01, V-02, V-03 and V-04 triggered a pilot study for active soil gas removal which was conducted on December 22, 2011.
2) Based on pilot study results, an active soil gas removal system was designed and installed at vents V-01, V-02 and V-03. The permanent power-supply was installed, and the active system became fully functional on February 15, 2012.
3) Water in sample port. Gas reading terminated prior to stabilization.
4) Sample port frozen.
5) Heavy snow and ice cover prevented sample collection.

Table 5
Summary of Gas Composition at Methane Vent Locations
PRB Performance Monitoring
Tecumseh Products Company
Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
V-03[1,2]	11/4/2011	18.9	2.0	15.7	63.4
	11/14/2011	29.0	3.1	13.2	54.3
	12/14/2011	33.0	2.8	14.0	50.3
	1/24/2012	0.0	0.0	21.5	78.4
	2/15/2012	32.6	4.1	5.9	57.4
	2/22/2012	12.0	3.3	11.7	73.3
	2/28/2012	6.8	3.5	13.2	76.6
	3/7/2012	6.5	3.5	12.9	77.0
	3/21/2012	5.4	4.7	12.5	77.3
	5/2/2012	6.1	5.3	12.3	76.3
	6/14/2012	1.4	4.4	16.1	78.2
	8/23/2012	0.7	4.6	14.3	80.4
	11/29/2012	0.1	2.7	18.3	79.0
	1/24/2013	0.0	1.2	18.7	80.0
	2/28/2013	0.0	1.4	17.8	80.8
	3/25/2013	0.0	1.0	19.0	78.9
	5/23/2013	0.0	1.8	19.7	78.4
	8/16/2013	0.0	3.5	16.6	80.0
	11/5/2013	0.0	2.0	18.0	79.9
	1/28/2014	0.0	1.6	18.9	79.3
	2/26/2014	0.0	1.4	19.4	79.2
	3/21/2014	0.0	0.1	21.1	78.8
	5/21/2014	0.0	1.0	19.2	79.8
	7/16/2014	0.0	1.5	18.8	79.6
	11/12/2014	0.1	1.9	19.5	78.4
	12/4/2014	0.0	0.9	20.3	78.8
	1/14/2015	0.0	1.2	20.5	78.3
	2/26/2015	0.0	0.9	20.0	78.9
	5/27/2015	0.0	1.1	19.7	79.2

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

1) Concentrations of methane at vent locations V-01, V-02, V-03 and V-04 triggered a pilot study for active soil gas removal which was conducted on December 22, 2011.
2) Based on pilot study results, an active soil gas removal system was designed and installed at vents V-01, V-02 and V-03. The permanent power-supply was installed, and the active system became fully functional on February 15, 2012.
3) Water in sample port. Gas reading terminated prior to stabilization.
4) Sample port frozen.
5) Heavy snow and ice cover prevented sample collection.

Table 5
Summary of Gas Composition at Methane Vent Locations
PRB Performance Monitoring
Tecumseh Products Company
Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
V-04[1]	11/4/2011	10.2	0.6	17.9	72.7
	11/14/2011	25.6	1.5	14.3	58.4
	12/14/2011	5.8	0.4	20.5	72.8
	1/24/2012	0.9	0.1	21.1	77.9
	2/15/2012	0.1	0.0	20.5	79.3
	2/28/2012	0.0	0.0	21.0	78.9
	3/7/2012	1.5	0.0	20.2	78.1
	3/21/2012	0.0	0.0	20.8	79.1
	5/2/2012	0.0	0.0	20.2	79.7
	6/14/2012	0.0	0.1	21.5	78.4
	8/23/2012	0.1	0.0	20.6	79.2
	11/29/2012	0.0	0.1	21.1	78.7
	1/24/2013	0.0	0.1	20.7	79.0
	2/28/2013	0.0	0.0	21.4	78.6
	3/25/2013	0.0	0.1	20.7	79.1
	5/23/2013	0.0	0.0	22.2	77.8
	8/16/2013	0.0	0.0	20.4	79.6
	11/5/2013	0.0	0.1	20.8	79.0
	1/28/2014	0.0	0.3	21.0	78.6
	2/26/2014	0.0	0.1	22.1	77.8
	3/21/2014	0.0	0.1	21.3	78.6
	5/19/2014	0.0	0.0	20.8	79.2
	7/16/2014	0.0	0.0	20.8	79.2
	11/12/2014	0.0	0.0	21.2	78.7
	12/4/2014	0.0	0.0	21.6	78.4
	1/14/2015	0.0	0.2	22.0	77.8
	2/26/2015	0.0	0.1	21.2	78.6
	5/27/2015	0.0	0.0	21.0	79.0

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

1) Concentrations of methane at vent locations V-01, V-02, V-03 and V-04 triggered a pilot study for active soil gas removal which was conducted on December 22, 2011.
2) Based on pilot study results, an active soil gas removal system was designed and installed at vents V-01, V-02 and V-03. The permanent power-supply was installed, and the active system became fully functional on February 15, 2012.
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4) Sample port frozen.
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Table 5
Summary of Gas Composition at Methane Vent Locations
PRB Performance Monitoring
Tecumseh Products Company
Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
V-05	11/4/2011	0.3	0.3	20.0	79.5
	11/14/2011	0.2	0.2	21.2	78.3
	12/14/2011	0.7	0.3	21.4	77.7
	1/24/2012	0.2	0.1	21.3	78.4
	2/15/2012	0.2	0.3	20.4	79.1
	3/21/2012	0.0	0.0	20.9	79.1
	5/2/2012	0.2	0.1	20.2	79.6
	6/14/2012	0.1	0.3	21.1	78.2
	8/23/2012	0.7	6.2	11.2	81.8
	11/29/2012	0.7	2.3	18.0	78.9
	1/24/2013	0.5	0.4	19.8	79.1
	2/28/2013	0.0	0.0	21.5	78.5
	3/25/2013	1.0	0.6	18.9	79.4
	5/23/2013	4.6	4.0	13.9	77.3
	8/16/2013	0.0	0.0	20.4	79.6
	11/5/2013	0.0	0.1	20.9	78.8
	1/28/2014	0.6	2.0	17.1	80.3
	2/26/2014	0.0	0.2	22.2	77.6
	3/21/2014	0.0	0.1	21.3	78.6
	5/19/2014	1.1	0.7	18.6	79.7
	7/16/2014	0.7	1.1	18.8	79.3
	11/12/2014	1.9	2.8	17.3	77.8
	12/4/2014	0.0	0.0	21.6	78.4
	1/14/2015	0.0	0.2	22.2	77.6
	2/26/2015	0.0	0.1	21.2	78.6
	5/27/2015	0.3	4.3	13.3	82.1

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

1) Concentrations of methane at vent locations V-01, V-02, V-03 and V-04 triggered a pilot study for active soil gas removal which was conducted on December 22, 2011.
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Table 5
Summary of Gas Composition at Methane Vent Locations
PRB Performance Monitoring
Tecumseh Products Company
Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
V-06	11/4/2011	0.2	0.2	20.3	79.1
	11/14/2011	0.7	0.3	21.1	77.9
	12/14/2011	0.7	0.2	21.8	77.3
	1/24/2012	0.9	0.2	21.2	77.7
	2/15/2012	0.7	0.1	20.5	78.8
	3/21/2012	0.5	0.0	20.7	78.7
	5/2/2012	0.5	0.1	20.0	79.3
	6/14/2012	0.3	0.2	21.2	78.0
	8/23/2012	1.4	5.6	12.7	80.1
	11/29/2012	1.0	2.5	17.3	78.7
	1/24/2013	2.0	0.6	19.3	78.1
	2/28/2013	6.6	1.3	16.9	75.1
	3/25/2013	6.4	1.2	16.8	75.6
	5/23/2013	7.0	2.5	16.4	73.8
	8/16/2013	0.9	0.3	19.9	78.8
	11/5/2013	3.5	0.8	18.4	77.3
	1/28/2014	2.7	1.9	17.5	77.5
	2/26/2014	4.3	0.6	18.9	76.2
	3/21/2014	0.0	0.3	21.4	78.3
	5/19/2014	3.1	0.6	18.6	77.6
	7/16/2014	1.1	0.7	19.4	78.6
	11/12/2014	4.0	2.2	17.7	76.1
	12/4/2014	0.9	0.0	20.8	78.2
	1/14/2015	0.3	0.3	22.0	77.4
	2/26/2015	0.5	0.3	20.5	78.6
	5/27/2015	4.2	2.1	16.4	77.4

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

1) Concentrations of methane at vent locations V-01, V-02, V-03 and V-04 triggered a pilot study for active soil gas removal which was conducted on December 22, 2011.
2) Based on pilot study results, an active soil gas removal system was designed and installed at vents V-01, V-02 and V-03. The permanent power-supply was installed, and the active system became fully functional on February 15, 2012.
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Table 5
Summary of Gas Composition at Methane Vent Locations
PRB Performance Monitoring
Tecumseh Products Company
Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
V-07	11/4/2011	0.0	0.1	20.4	79.3
	11/14/2011	0.4	0.2	21.1	78.1
	12/14/2011	1.0	0.2	21.7	77.1
	1/24/2012	0.2	0.1	21.3	78.4
	2/15/2012	0.3	0.1	20.8	78.9
	3/21/2012	0.1	0.0	20.8	79.0
	5/2/2012	0.0	0.0	20.3	79.7
	6/14/2012	0.0	0.1	21.4	78.5
	8/23/2012	0.1	0.3	20.4	79.2
	11/29/2012	0.4	1.2	19.7	78.6
	1/24/2013	1.5	0.5	19.5	78.3
	2/28/2013	6.5	0.8	17.6	75.0
	3/25/2013	5.0	0.9	16.8	76.9
	5/23/2013	2.9	1.6	17.8	77.7
	8/16/2013	0.3	0.1	20.3	79.3
	11/5/2013	1.6	0.5	19.8	78.1
	1/28/2014	2.3	0.9	18.7	78.3
	2/26/2014	2.9	0.6	20.6	75.9
	3/21/2014	0.0	0.2	21.4	78.4
	5/19/2014	0.7	0.2	19.9	79.3
	7/16/2014	0.1	0.1	20.5	79.2
	11/12/2014	0.7	0.6	20.3	78.3
	12/4/2014	0.0	0.0	21.4	78.5
	1/14/2015	0.0	0.2	22.4	77.4
	2/26/2015	0.0	0.2	21.2	78.4
	5/27/2015	0.6	0.6	19.5	79.2

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

1) Concentrations of methane at vent locations V-01, V-02, V-03 and V-04 triggered a pilot study for active soil gas removal which was conducted on December 22, 2011.
2) Based on pilot study results, an active soil gas removal system was designed and installed at vents V-01, V-02 and V-03. The permanent power-supply was installed, and the active system became fully functional on February 15, 2012.
3) Water in sample port. Gas reading terminated prior to stabilization.
4) Sample port frozen.
5) Heavy snow and ice cover prevented sample collection.

Table 5
Summary of Gas Composition at Methane Vent Locations
PRB Performance Monitoring
Tecumseh Products Company
Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
V-08	11/4/2011	0.9	0.1	20.1	78.7
	11/14/2011	2.4	0.3	20.3	76.9
	12/14/2011	1.5	0.2	21.6	77.0
	1/24/2012	1.7	0.1	20.8	77.5
	2/15/2012	1.8	0.2	20.3	77.5
	3/21/2012	1.3	0.0	20.4	78.3
	5/2/2012	0.6	0.1	19.6	79.6
	6/14/2012	0.5	0.4	20.9	78.2
	8/23/2012	1.4	3.5	15.3	79.7
	11/29/2012	0.2	0.6	20.7	78.5
	1/24/2013	0.4	0.3	20.6	78.5
	2/28/2013	0.0	0.0	21.7	78.3
	3/25/2013	0.9	0.3	20.0	78.7
	5/23/2013	2.8	1.4	18.9	76.8
	8/16/2013	0.0	0.1	20.4	79.5
	11/5/2013	1.2	3.2	13.7	81.8
	1/28/2014	1.5	1.0	19.2	78.5
	2/26/2014	1.5	0.6	21.2	76.7
	3/21/2014	0.0	0.1	21.6	78.3
	5/19/2014	0.3	0.3	19.7	79.8
	7/16/2014	0.2	0.5	19.9	79.1
	11/12/2014	1.5	1.5	19.5	77.5
	12/4/2014	0.0	0.0	21.4	78.5
	1/14/2015	0.0	0.2	22.2	77.6
	2/26/2015	0.2	0.4	20.5	78.8
	5/27/2015	2.1	2.3	16.9	78.8

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

1) Concentrations of methane at vent locations V-01, V-02, V-03 and V-04 triggered a pilot study for active soil gas removal which was conducted on December 22, 2011.
2) Based on pilot study results, an active soil gas removal system was designed and installed at vents V-01, V-02 and V-03. The permanent power-supply was installed, and the active system became fully functional on February 15, 2012.
3) Water in sample port. Gas reading terminated prior to stabilization.
4) Sample port frozen.
5) Heavy snow and ice cover prevented sample collection.

Table 5
Summary of Gas Composition at Methane Vent Locations
PRB Performance Monitoring
Tecumseh Products Company
Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
V-09	11/4/2011	0.1	0.0	20.4	79.4
	11/14/2011	0.3	0.1	21.0	78.3
	12/14/2011	0.0	0.0	22.2	77.8
	1/24/2012	0.4	0.1	21.0	78.3
	2/15/2012	0.2	0.1	20.8	78.8
	3/21/2012	0.0	0.1	20.6	79.2
	5/2/2012	0.0	0.1	19.8	80.1
	6/14/2012	0.0	0.4	20.9	78.6
	8/23/2012	0.5	0.6	19.8	79.0
	11/29/2012	0.6	0.7	20.2	78.4
	1/24/2013	0.8	0.2	20.6	78.3
	2/28/2013	0.0	0.1	21.7	78.2
	3/25/2013	3.2	0.4	19.5	76.6
	5/23/2013	2.8	1.2	19.6	76.6
	8/16/2013	0.0	0.0	20.5	79.5
	11/5/2013	0.6	0.6	19.4	79.2
	1/28/2014	0.8	0.5	20.3	78.3
	2/26/2014	1.0	0.3	21.9	76.8
	3/21/2014	0.0	0.1	21.7	78.2
	5/19/2014	0.3	0.1	19.9	79.7
	7/16/2014	0.2	0.9	19.2	79.5
	11/12/2014	1.0	0.5	20.5	77.9
	12/4/2014	0.0	0.0	21.5	78.4
	1/14/2015	0.0	0.2	22.4	77.4
	2/26/2015	0.1	0.2	21.1	78.5
	5/27/2015	0.8	0.2	20.2	78.9

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

1) Concentrations of methane at vent locations V-01, V-02, V-03 and V-04 triggered a pilot study for active soil gas removal which was conducted on December 22, 2011.
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Table 5
Summary of Gas Composition at Methane Vent Locations
PRB Performance Monitoring
Tecumseh Products Company
Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
V-10	11/4/2011	0.0	0.1	20.5	79.3
	11/14/2011	0.0	0.1	21.3	78.7
	12/14/2011	0.0	0.1	21.7	78.2
	1/24/2012	0.0	0.1	21.2	78.6
	2/15/2012	0.1	0.1	20.8	78.9
	3/21/2012	0.0	0.0	20.9	79.1
	5/2/2012	0.0	0.2	19.7	80.1
	6/14/2012	0.0	0.4	21.0	78.5
	8/23/2012	0.1	1.3	18.5	80.0
	11/29/2012	0.0	3.3	15.9	80.6
	1/24/2013	0.0	0.3	20.6	79.0
	2/28/2013	0.6	1.0	16.6	81.7
	3/25/2013	1.2	2.1	15.7	80.8
	5/23/2013	0.2	6.4	11.7	82.7
	8/16/2013	0.0	4.1	14.2	81.7
	11/5/2013	0.0	5.8	10.9	83.2
	1/28/2014	0.9	4.4	14.4	80.2
	2/26/2014	1.3	3.2	16.6	78.9
	3/21/2014	0.0	0.2	21.5	78.3
	5/19/2014	0.2	0.7	18.5	80.6
	7/16/2014	0.0	5.7	13.2	81.0
	11/12/2014	0.1	4.8	14.7	80.3
	12/4/2014	0.0	0.1	19.8	80.0
	1/14/2015	0.0	0.2	22.3	77.5
	2/26/2015	0.0	0.4	20.7	78.7
	5/27/2015	0.5	5.0	11.8	82.7

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

1) Concentrations of methane at vent locations V-01, V-02, V-03 and V-04 triggered a pilot study for active soil gas removal which was conducted on December 22, 2011.
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Table 5
Summary of Gas Composition at Methane Vent Locations
PRB Performance Monitoring
Tecumseh Products Company
Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
V-11	11/4/2011	0.3	0.2	20.1	79.2
	11/14/2011	0.9	0.3	20.7	78.1
	12/14/2011	0.0	0.0	22.2	77.8
	1/24/2012	0.7	0.1	21.0	78.1
	2/15/2012	0.6	0.1	20.8	78.5
	3/21/2012	0.0	0.0	20.9	79.1
	5/2/2012	0.2	0.1	19.8	79.9
	6/14/2012	0.3	0.4	20.9	78.3
	8/23/2012	3.0	1.9	17.8	77.2
	11/29/2012	3.5	3.5	15.1	77.9
	1/24/2013	1.3	1.2	18.5	79.0
	2/28/2013	3.8	2.0	14.8	79.4
	3/25/2013	5.6	3.8	11.0	79.7
	5/23/2013	6.2	4.1	12.1	76.6
	8/16/2013	2.5	1.9	17.6	78.3
	11/5/2013	5.4	7.6	6.2	80.9
	1/28/2014	3.4	7.4	7.8	81.2
	2/26/2014	3.4	7.1	7.9	81.6
	3/21/2014	0.0	0.2	21.4	78.4
	5/19/2014	1.6	1.2	17.2	80.0
	7/16/2014	2.6	2.2	16.6	78.5
	11/12/2014	3.1	7.1	8.5	81.3
	12/4/2014	0.1	0.6	19.1	80.1
	1/14/2015	0.0	0.5	21.8	77.7
	2/26/2015	0.9	4.8	13.0	81.3
	5/27/2015	6.4	6.4	5.7	81.6

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

1) Concentrations of methane at vent locations V-01, V-02, V-03 and V-04 triggered a pilot study for active soil gas removal which was conducted on December 22, 2011.
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Table 5
Summary of Gas Composition at Methane Vent Locations
PRB Performance Monitoring
Tecumseh Products Company
Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
V-12	11/4/2011	0.4	0.5	19.7	79.5
	11/14/2011	0.1	0.4	20.5	78.8
	12/14/2011	0.0	0.1	22.2	77.7
	1/24/2012	0.0	0.1	21.1	78.7
	2/15/2012	0.0	0.0	21.0	78.8
	3/21/2012	0.0	0.0	20.9	79.1
	5/2/2012	0.0	0.1	19.9	80.0
	6/14/2012	0.0	0.3	21.1	78.5
	8/23/2012	2.3	1.4	18.0	78.4
	11/29/2012	1.8	3.3	16.3	78.6
	1/24/2013	1.6	1.7	17.5	79.1
	2/28/2013	4.9	3.7	12.1	79.2
	3/25/2013	5.3	4.6	10.6	80.0
	5/23/2013	7.4	7.2	5.2	80.3
	8/16/2013	1.5	1.7	18.2	78.5
	11/5/2013	5.9	9.7	3.8	80.4
	1/28/2014	2.9	5.3	13.1	79.0
	2/26/2014	5.4	6.5	9.5	78.6
	3/21/2014	0.6	0.6	20.2	78.6
	5/19/2014	3.8	2.4	13.2	80.7
	7/16/2014	2.2	3.3	15.0	79.4
	11/12/2014	2.9	9.0	5.7	82.3
	12/4/2014	0.2	0.9	18.8	80.2
	1/14/2015	0.1	0.7	21.5	77.7
	2/26/2015	1.1	5.5	11.7	81.5
	5/27/2015	4.6	8.8	2.8	83.8

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

1) Concentrations of methane at vent locations V-01, V-02, V-03 and V-04 triggered a pilot study for active soil gas removal which was conducted on December 22, 2011.
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Table 5
Summary of Gas Composition at Methane Vent Locations
PRB Performance Monitoring
Tecumseh Products Company
Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
V-13	11/4/2011	0.2	0.5	19.8	79.7
	11/14/2011	0.1	0.6	20.4	78.8
	12/14/2011	0.4	0.5	20.9	78.1
	1/24/2012	0.6	0.2	20.7	78.5
	2/15/2012	0.4	0.2	20.8	78.6
	3/21/2012	0.0	0.0	20.9	79.1
	5/2/2012	0.1	0.2	19.7	79.9
	6/14/2012	0.1	3.0	16.6	80.3
	8/23/2012	0.2	0.4	20.0	79.1
	11/29/2012	0.1	0.8	20.3	78.7
	1/24/2013	0.0	1.0	19.0	79.9
	2/28/2013	1.3	0.7	18.4	79.5
	3/25/2013	0.7	0.6	18.6	80.1
	5/23/2013	1.4	2.4	17.0	79.1
	8/16/2013	0.0	0.1	20.3	79.6
	11/5/2013	3.5	6.2	9.3	81.0
	1/28/2014	1.1	1.8	17.5	79.6
	2/26/2014	2.9	1.0	17.8	78.3
	3/21/2014	0.0	0.1	21.5	78.4
	5/19/2014	1.5	1.3	16.8	80.4
	7/16/2014	0.9	1.0	18.6	79.4
	11/12/2014	2.7	6.7	9.8	80.7
	12/4/2014	0.5	1.3	17.7	80.3
	1/14/2015	0.1	0.4	22.0	77.5
	2/26/2015	0.1	0.2	21.3	78.3
	5/27/2015	3.9	3.3	14.3	78.6

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

1) Concentrations of methane at vent locations V-01, V-02, V-03 and V-04 triggered a pilot study for active soil gas removal which was conducted on December 22, 2011.
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PRB Performance Monitoring
Tecumseh Products Company
Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
V-14	11/4/2011	0.3	3.1	15.5	81.0
	11/14/2011	0.0	0.3	20.9	78.7
	12/14/2011	1.0	1.4	*19.4*	78.2
	1/24/2012	0.3	0.2	20.8	78.7
	2/15/2012	0.7	0.3	20.4	78.8
	3/21/2012	0.0	0.0	20.9	79.1
	5/2/2012	0.7	1.7	16.3	81.4
	6/14/2012	0.1	6.6	11.2	82.0
	8/23/2012	0.5	7.9	8.7	82.7
	11/29/2012	0.8	4.6	12.5	82.2
	1/24/2013	0.6	1.0	18.7	79.5
	2/28/2013	7.6	1.3	15.5	75.3
	3/25/2013	4.7	1.8	15.6	77.2
	5/23/2013	5.2	4.4	13.2	77.1
	8/16/2013	2.7	6.1	11.3	79.9
	11/5/2013	0.3	9.9	4.4	85.1
	1/28/2014	1.8	3.7	14.8	79.3
	2/26/2014	4.2	2.8	14.5	78.5
	3/21/2014	1.1	0.2	20.5	78.3
	5/19/2014	3.8	2.0	16.5	77.7
	7/16/2014	2.1	6.6	11.3	79.8
	11/12/2014	0.7	5.7	12.7	80.8
	12/4/2014	0.0	4.1	13.6	82.2
	1/14/2015	0.0	0.4	22.1	77.5
	2/26/2015	0.7	5.0	12.1	82.0
	5/27/2015	3.9	7.2	8.2	80.6

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

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PRB Performance Monitoring
Tecumseh Products Company
Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
V-15	11/4/2011	0.0	0.3	20.0	79.4
	11/14/2011	0.0	0.3	20.9	78.6
	12/14/2011	0.0	0.0	22.3	77.7
	1/24/2012	0.0	0.1	21.1	78.8
	2/15/2012	0.0	0.0	21.1	78.7
	3/21/2012	0.0	0.0	20.9	79.1
	5/2/2012	0.0	0.0	19.9	80.0
	6/14/2012	0.0	0.0	21.4	78.5
	8/23/2012	0.0	0.9	20.1	78.8
	11/29/2012	0.0	0.8	20.6	78.5
	1/24/2013	0.0	0.5	20.6	78.8
	2/28/2013	0.0	1.2	18.5	80.3
	3/25/2013	0.0	1.3	18.5	80.1
	5/23/2013	0.0	2.5	18.4	79.1
	8/16/2013	0.0	3.0	17.9	79.1
	11/5/2013	0.0	2.3	17.9	79.7
	1/28/2014	0.0	2.2	18.0	79.8
	2/26/2014	0.0	2.4	16.9	80.7
	3/21/2014	0.0	0.3	21.5	78.2
	5/19/2014	0.0	1.6	17.0	81.4
	7/16/2014	0.0	3.3	18.0	78.6
	11/12/2014	0.1	1.7	20.5	77.7
	12/4/2014	0.0	0.0	20.6	79.4
	1/14/2015	0.0	0.3	22.3	77.5
	2/26/2015	0.0	0.2	21.1	78.5
	5/27/2015	0.1	2.4	17.4	80.1

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

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Table 5
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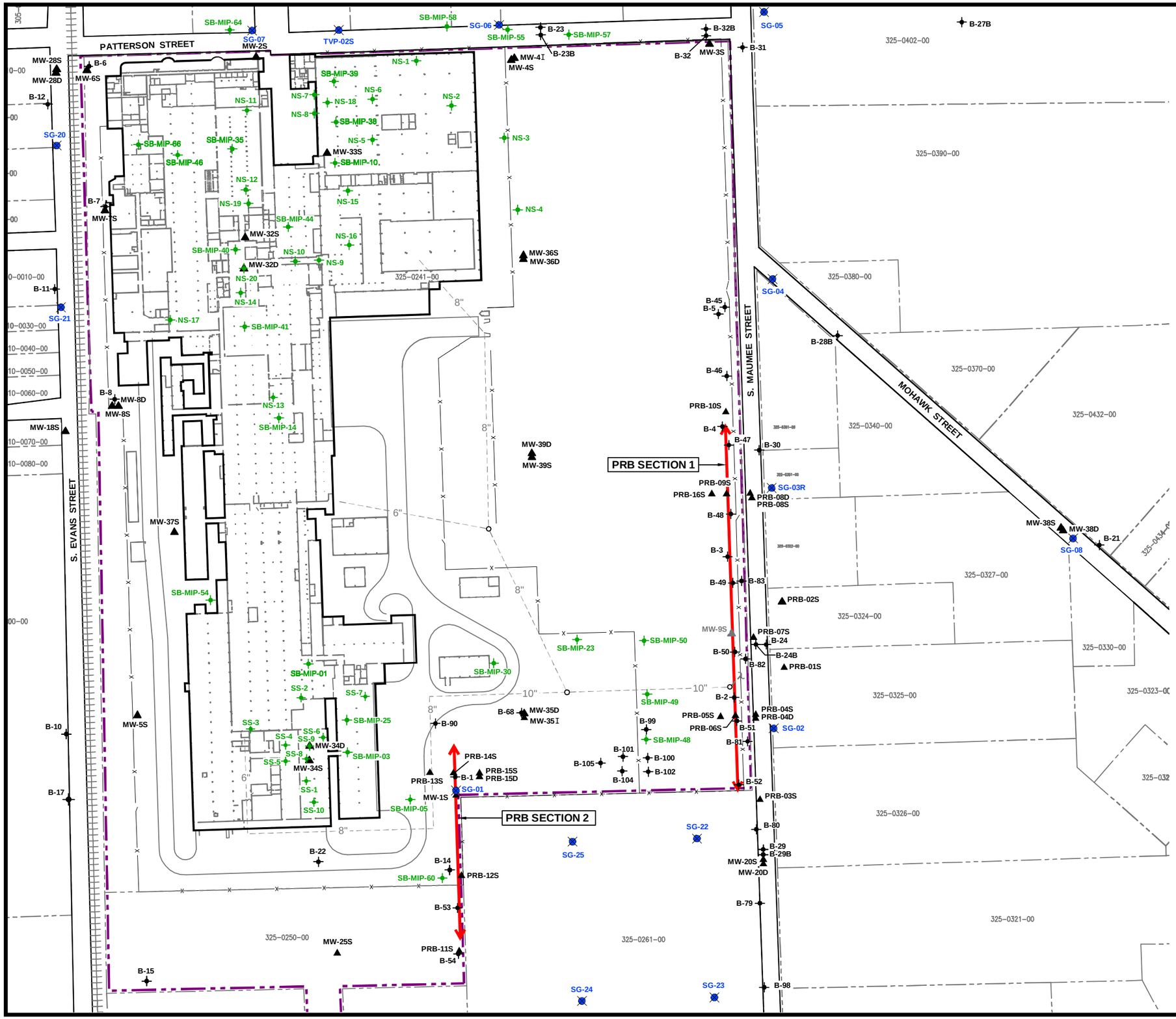
PRB Performance Monitoring
Tecumseh Products Company
Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
SG-02	11/4/2011	0.0	1.2	18.3	80.4
	12/14/2011	0.0	1.0	13.5	85.5
	2/15/2012	0.0	0.6	18.0	81.5
	3/21/2012(3)	0.0	0.5	18.9	79.3
	8/16/2013	0.0	4.5	12.8	82.5
	11/5/2013	0.0	1.6	18.1	80.2
	1/28/2014(5)	--	--	--	--
	2/26/2014(5)	--	--	--	--
	3/21/2014	0.0	0.1	21.7	78.2
	5/21/2014(3)	--	--	--	--
	7/16/2014	0.0	5.6	13.9	80.3
	11/12/2014	0.1	1.8	20.1	77.9
	12/4/2014	0.0	0.8	19.3	79.8
	1/14/2015(5)	--	--	--	--
	2/26/2015(5)	--	--	--	--
	5/27/2015	0.0	0.7	20.1	79.2
SG-03	11/4/2011	0.0	4.9	8.1	86.9
	12/14/2011	0.0	1.5	19.5	79.0
	2/15/2012	0.0	0.0	20.9	79.0
	3/21/2012	0.0	0.1	20.6	79.3
SG-03R	8/16/2013	0.0	2.6	18.7	78.7
	11/5/2013	0.0	0.5	20.6	78.8
	1/28/2014(5)	--	--	--	--
	2/26/2014(5)	--	--	--	--
	3/21/2014	0.0	0.1	21.6	78.3
	5/21/2014(3)	--	--	--	--
	7/16/2014	0.0	1.1	19.0	79.8
	11/12/2014	0.1	1.3	20.8	77.7
	12/4/2014(3)	--	--	--	--
	1/14/15(5)	--	--	--	--
	2/26/2015(5)	--	--	--	--
	5/27/2015	0.0	0.2	20.3	79.5

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

1) Concentrations of methane at vent locations V-01, V-02, V-03 and V-04 triggered a pilot study for active soil gas removal which was conducted on December 22, 2011.
2) Based on pilot study results, an active soil gas removal system was designed and installed at vents V-01, V-02 and V-03. The permanent power-supply was installed, and the active system became fully functional on February 15, 2012.
3) Water in sample port. Gas reading terminated prior to stabilization.
4) Sample port frozen.
5) Heavy snow and ice cover prevented sample collection.



LEGEND

- FORMER TECUMSEH PRODUCTS SITE BOUNDARY
- PARCEL BOUNDARY
- RAILROAD TRACKS (APPROXIMATE LOCATION)
- B-2 — PERIMETER / OFF-SITE INVESTIGATION SOIL BORING LOCATION AND NUMBER
- MW-4S — MONITORING WELL LOCATION AND NUMBER
- MW-9S — DECOMISSIONED MONITORING WELL LOCATION AND NUMBER
- SS-2 — SOURCE AREA INVESTIGATION BORING LOCATION AND NUMBER
- SG-02 — SOIL GAS SAMPLE LOCATION AND NUMBER
- 8" — PIPE DIAMETER AND APPROXIMATE LOCATION OF ON-SITE SANITARY SEWER
- PRB LOCATION
- X — FENCE LINE

NOTES

1. BASE MAP DEVELOPED FROM SITE PLAN PROVIDED BY THE CITY OF TECUMSEH, DRAWING NO. CITY.DWG, MARCH 2009.
2. GROUND TOPOGRAPHY BASED OFF 7.5 MINUTE U.S.G.S TOPOGRAPHIC QUADRANGLE MAP AND GROUND SURVEY DATA.

APPROXIMATE HORIZONTAL SCALE

0 200' 400'

PROJECT:

FORMER TECUMSEH PRODUCTS SITE
TECUMSEH, MICHIGAN

TITLE:

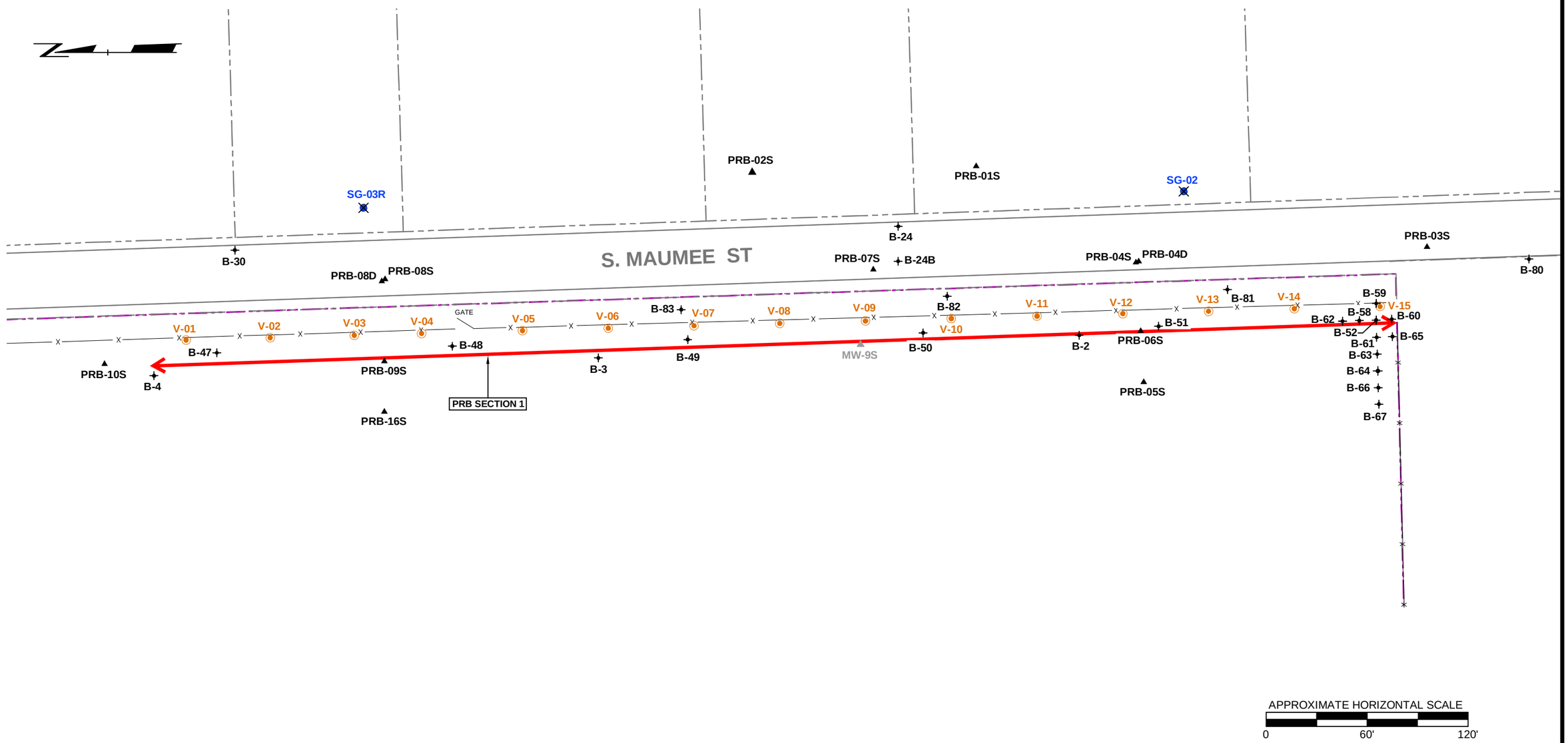
SITE PLAN
AND PRB MONITORING LOCATIONS

DRAWN BY: DGS	SCALE:	PROJ. NO.	186299.0001.01
CHECKED BY: SEM	AS INDICATED	FILE NO.	186299.0001.01.01.dwg
APPROVED BY: GC	DATE PRINTED:		FIGURE 1
DATE: JULY 2015			

TRC
1540 Eisenhower Place
Ann Arbor, MI 48108
Phone: 734.971.7080
Fax: 734.971.9022

bm033109 FIG01 Site Plan & PRBs
Attached Xref's:
Attached Images:
Layout:
Dwg Size: 2.29 Mb
Plot Date: July 15, 2015
Plot Time: 9:16 AM

PLOT DATA
Drawing Name: J:_TRC\Tecumseh Products\Tecumseh MI\186299\0001\01_2015 2Q Rpt\186299.0001.01.01.dwg
Operator Name: STEHLE, DIANAH
Drawing Plot Scale: 0.386863



LEGEND

- FORMER TECUMSEH PRODUCTS SITE BOUNDARY
- PARCEL BOUNDARY
- B-2 — PERIMETER / OFF-SITE INVESTIGATION SOIL BORING LOCATION AND NUMBER
- PRB-04S — MONITORING WELL LOCATION AND NUMBER
- MW-9S — DECOMMISSIONED MONITORING WELL LOCATION AND NUMBER
- SG-02 — SOIL GAS SAMPLE LOCATION AND NUMBER
- V-04 — METHANE VENT LOCATION AND NUMBER
- PRB LOCATION
- FENCE LINE

NOTES

1. BASE MAP DEVELOPED FROM SITE PLAN PROVIDED BY THE CITY OF TECUMSEH, DRAWING NO. CITY.DWG, MARCH 2009.
2. GROUND TOPOGRAPHY BASED OFF 7.5 MINUTE U.S.G.S TOPOGRAPHIC QUADRANGLE MAP AND GROUND SURVEY DATA.

PROJECT:
FORMER TECUMSEH PRODUCTS SITE
TECUMSEH, MICHIGAN

SHEET TITLE:
METHANE VENT LOCATIONS

DRAWN BY: DGS	SCALE:	PROJ. NO.	186299.0001.01
CHECKED BY: SEM	AS INDICATED	FILE NO.	186299.0001.01.02.dwg
APPROVED BY: GC	DATE PRINTED:	FIGURE 2	
DATE: JULY 2015			

TRC
1540 Eisenhower Place
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PLOT DATA
Drawing Name: J:_TRC\Tecumseh Products\Tecumseh MI\186299\0001\011_2015 2Q Rpt\186299.0001.01.02.dwg
Operator Name: STEHLE, DIANAH
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Dwg Size: 2.50 Mb
Plot Date: July 15, 2015
Plot Time: 9:18 AM
Attached Xrefs: bm033109
Attached Images:
Layout: FIG02 Methane Vents

Appendix B
Summary of the First Quarter 2015 and Second Quarter 2015 Soil Gas Sample Events

Technical Memorandum

To:	Jason Smith, Tecumseh Products Company
From:	Stacy Metz and Graham Crockford, TRC
Subject:	Summary of the First Quarter 2015 and Second Quarter 2015 Soil Gas Sample Events – RCRA 3008(h) Consent Order (RCRA-05-2010-0012) – Tecumseh Products Company
Date:	July 14, 2015
cc:	Joseph Kelly, USEPA Bhooma Sundar, USEPA Chris DeWetter, Tecumseh Products Company Douglas McClure, Conlin, McKenney and Philbrick, PC
Project No.:	004308.0001

Tecumseh Products Company (TPC) retained TRC Environmental Corporation (TRC) to investigate the potential for off-site vapor intrusion near the former TPC site located in Tecumseh, Michigan. TRC has been assisting TPC with investigative activities in accordance with the RCRA Administrative Order on Consent (RCRA 05-2010-0012) for the site.

These investigation activities included the installation of 25 soil gas monitoring points (SG-XX locations) and one vacuum monitoring point (TVP-02s) which also serves as a soil gas sample collection point. Quarterly soil gas monitoring was initiated in April 2010. Quarterly sampling activities are conducted in general accordance with the Quality Assurance Project Plan (QAPP) which was submitted to the United States Environmental Protection Agency (USEPA) for review in August 2010 and the Quarterly Sampling Plan described in the July 15, 2014 Technical Memorandum titled *Third Quarter 2013 through Second Quarter 2014 Soil Gas Sample Events*. Active soil gas samples are collected quarterly at each of the following soil gas sample points: SG-01, SG-02, SG-03R, SG-04, SG-05, SG-06, SG-07, SG-08, SG-09, SG-10, SG-11, SG-12R[1], SG-13, SG-14R, SG-15R, SG-16, SG-17, SG-18, SG-19, SG-20, SG-21, SG-22, SG-23, SG-24, SG-25 and TVP-02s. The locations of soil gas

[1] Soil gas sample point SG-12R was installed due to water in the sample point at SG-12 which prevented sample collection during approximately half of the sample events. Tight, high-moisture soils at sample point SG-12R intermittently prevent the collection a sufficient sample volume at sample point SG-12R. Each quarter, sample collection is first attempted at SG-12R. If sample volume is insufficient from sample point SG-12R, sample collection is then attempted at soil gas sample point SG-12.

monitoring points are illustrated on Figure 1. The sampling plan was developed to evaluate the volatilization to indoor air migration pathway. As such, sampling data are validated using level 4 data quality objectives.

Summary of Field Activities

- **First Quarter 2015 Soil Gas Sample Event:** Due to persistent heavy snow cover, the regular first quarter sampling event was delayed. TRC completed the first quarter 2015 soil gas sample event between March 30, 2015 and April 1, 2015. Details of the first quarter soil gas sample event are summarized below:
  - Sample collection at all soil gas sample point locations (SG-01 through SG-25);
  - Sample collection at one exterior subsurface vacuum monitoring point (TVP-02s);
  - Sample collection at one off-site sub-slab monitoring point (MHC-01); and
  - Analysis of all soil gas samples by USEPA Method TO-15 for the project specific list of chlorinated volatile organic compounds (CVOCs).
- **Second Quarter 2015 Soil Gas Sample Event:** TRC completed the second quarter 2015 soil gas sample event between June 17, 2015 and June 18, 2015. Details of the second quarter soil gas sample event are summarized below:
  - Sample collection at all soil gas sample point locations (SG-01 through SG-25), except SG-14R (see discussion below);
  - Sample collection at one exterior subsurface vacuum monitoring point (TVP-02s);
  - Sample collection at one off-site sub-slab monitoring point (MHC-01); and
  - Analysis of all soil gas samples by USEPA Method TO-15 for the project specific list of CVOCs.

Summary of Soil Gas Data

Soil gas data are summarized and compared to soil gas screening levels for vapor intrusion (SGSLs) in Table 1, and soil gas sample locations are shown on Figure 1. Laboratory analytical reports are provided in Attachment 1. TRC conducted data quality assurance to verify that field practices and laboratory data met the project data quality objectives. The laboratory data validation report for the first quarter 2015 is included in Attachment 2. The data quality review for the first quarter 2015 sampling event noted the following:

- Elevated tracer was detected at four locations SG-02, SG-04, SG-14R and SG-24. The following corrective measures were taken:
  - Affected data are flagged as estimated, potentially biased low in the data tables; and
  - Given repeated events at elevated tracer concentrations at soil gas sample point SG-14R, the surface seal was determined to be compromised. Vinyl chloride the only constituent of

concern in groundwater in this area has not been detected at this location during any of the previous sample events. Additionally the perched groundwater and an intermediate clay layer found at this location makes vapor intrusion for the affected zone improbable. Consequently soil sample point SG-14R was removed from the sample program beginning during the second quarter 2015.

The Level IV data package for the second quarter 2015 soil gas sampling event was received on July 13, 2015. Complete data quality review is underway. The data validation report for this sampling event will be included in the next technical memorandum for soil gas sampling activities. Preliminary review indicates that tracer concentrations were acceptable at all locations, and duplicate sample results are consistent with parent samples.

Soil gas sample data are summarized briefly below:

- Soil gas concentrations at soil gas sample point SG-01 remained low compared to data from samples collected prior to 2014. The observed decrease in concentrations at soil gas sample point SG-01 can be attributed to the installation and start-up of the perimeter soil vapor extraction system in March 2014.
- The trichloroethene (TCE) concentrations at soil gas sample point SG-02 remain above non-residential SGSLs. The presence of tetrachloroethene (PCE) and this location, and the persistence of TCE may be related to the PCE source area identified on-site near boring location B-100.
- Soil gas concentrations at locations near residential properties east of the site (SG-03R, SG-04, SG-08 and SG-09) remain consistent with historical values. Concentrations at soil gas sample points SG-03R, SG-04, and SG-08 remain below the most restrictive SGSLs. Concentrations at soil gas sample point SG-09 remain above residential sub-slab SGSLs. TCE at this location has been addressed through a combination of crawl space sampling and sub-slab depressurization/ ventilation (SSDV) system installation.
- Soil gas concentrations near the northeast perimeter of the site (SG-05) remain below non-residential deep SGSLs and have been below non-residential sub-slab SGSLs during 14 of the 19 sampling events including the five most recent sampling events.
- Soil gas concentrations north of P-Building, in the vicinity of the P-Building soil vapor extraction (SVE) system, (SG-06 and TVP-02s) were below all applicable SGSLs during both sampling events.
- TCE concentrations along the northern perimeter of the site at soil gas sample point SG-07 continue to oscillate around the non-residential sub-slab SGSL. Concentrations remain below the non-residential deep SGSL for TCE.
- TCE concentrations in residential areas north and northeast of the site remained below the most restrictive SGSLs at all locations (SG-10, SG-11, SG-12R, SG-13, SG-14R, SG-15R, SG-16, SG-17, SG-18, and SG-19) during both sampling events.

- West of the site, soil gas concentrations remained below the most restrictive SGSLs at soil gas sample point SG-21. At soil gas sample point SG-20, the TCE concentration during the second quarter 2015 sampling event once again fluctuated above the residential sub-slab SGSL. Periodic exceedance of this SGSL prompted indoor air sampling during May 2015 at the four adjacent residential properties. TCE was not detected in indoor air at any of these locations.
- Four soil gas monitoring points (SG-22, SG-23, SG-24 and SG-25) were installed around the perimeter of the main building location at 805 South Maumee Street in September 2014. The concentration of TCE at soil gas sample point SG-22 is above the deep non-residential SGSL, which prompted the installation of a sub-slab soil gas sample point (MHC-01) near this location in February 2015. During the first and second quarter 2015, concentrations at exterior monitoring point were generally consistent with those observed in the past. During the initial, first quarter 2015 sampling event the concentration of TCE was below the generic non-residential sub-slab SGSL. However, during the second quarter 2015 sampling event a TCE concentration of 360 parts per billion by volume (ppbv) was measure compared to the generic sub-slab SGSL of 220 ppbv. This generic sub-slab SGSL is conservatively calculated using the same attenuation factor used for residential structures. As described in Section A.4 of the June 2015 *OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway for Subsurface Vapor Sources to Indoor Air* (OSWER Publication 9200.2-154), this value is dependent on building volume, the air exchange rate, and slab construction. This guidance allows EPA to consider appropriate building specific data when evaluating vapor intrusion into large non-residential buildings. TRC recommends that a building specific attenuation factor be calculated. Given the size of building in question (approximately 80,000 square feet), calculation of a building specific attenuation factor is likely to indicate that sub-slab soil gas concentrations are acceptable.

Table

Table 1
Summary of Chlorinated Volatile Organic Compounds at Soil Gas Sample Locations
Tecumseh Products Company
Tecumseh, Michigan

Analyte		1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl Chloride
MDEQ Residential Sub-Slab SGSL [1]		4,100	8.2	1,700	58	580	170	36,000	12	21
MDEQ Residential Deep SGSL [1]		41,000	82	17,000	580	5,800	1,700	360,000	120	210
MDEQ Non-Residential Sub-Slab SGSL [1]		69,000	160	28,000	980	9,800	3,300	610,000	210	1,500
MDEQ Non-Residential Deep SGSL [1]		690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000
Units		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-01 (8-8.5')	4/5/2010	**5.7**	<2.3	**4.4**	**17.0**	<4.4	<2.3	**279**	**396**	<2.3
	5/20/2010 [2]	**52.4**	<4.4	**21.6**	**184**	<4.4	**52.1**	**1,690**	**2,800**	<4.4
	10/21/2010	**74.7**	<16.8	<16.8	**272**	**25.8**	**222**	**8,300**	**32,100**	<16.8
	12/9/2010	<709	<709	<709	<709	<709	<709	**6,440**	**17,800**	<709
	4/13/2011	**32.8**	**166**	**21.0**	**110**	**7.8**	**84.6**	**2,630**	**10,500**	<6.7
	6/27/2011	<180	<90	<180	<180	<180	**98.0**	**1,420**	**7,340**	<90
	9/28/2011	<100	<100	<100	**220**	<200	**150**	**4,300**	**19,000**	<100
	11/21/2011 [3]	--	--	--	--	--	--	--	--	--
	1/30/2012	**10**	<4.0	**6.2**	**17**	<8.0	<4.0	**610**	**700**	<4.0
	6/27/2012	**53**	<5.0	**13**	**170**	**19**	**190**	**4,700**	**23,000**	<5.0
	10/1/2012	**56**	<50	<50	**190**	<100	**310**	**5,100**	**16,000**	<50
	11/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**10**	**1.9**	<1.0
	3/14/2013	**4.7**	<1.0	**4.7**	**6.7**	<2.0	<1.0	**300**	**190**	<1.0
	5/30/2013 [4]	<120	<24	<120	<120	<120	**49**	**1,400**	**3,700**	<19
	6/24/2013 [3]	--	--	--	--	--	--	--	--	--
	8/8/2013	**110**	<1.0	**30**	**440**	**45**	**2,200**	**12,000**	**110,000**	<1.0
	11/12/2013	**42**	<1.0	**13**	**160**	**15**	**950**	**6,000**	**51,000**	<1.0
	3/26/2014	<1.0	<1.0	<1.0	**1.2**	<2.0	**11**	**31**	**310**	<1.0
	5/21/2014	**1.0**	**1.6**	<1.0	**3.0**	<2.0	**73**	**180**	**1,500**	<1.0
	7/24/2014	<5.0	<5.0	<5.0	<5.0	<10	**140**	**28**	**890**	<5.0
	11/3/2014	<5.0	<5.0	<5.0	<5.0	<10	**18**	<5.0	**97**	<5.0
	4/1/2015	<1.0	<1.0	<1.0	**1.1**	<2.0	**1.7**	**160**	**150**	<1.0
	6/18/2015	<1.0	<1.0	<1.0	<1.0	<2.0	**7.2**	**27**	**89**	<1.0
SG-01 (DUP-01)	4/5/2010	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
	5/20/2010 [2]	**63.2**	<4.4	**31.0**	**245**	**22.6**	**256**	**2,120**	**3,770**	<4.4
	9/28/2011	<100	<100	<100	**270**	<200	**200**	**5,800**	**28,000**	<100
	11/21/2011	**22** [6]	<5.0	**9.9**	**48**	<10	**25**	**1,700**	**8,500**	<5.0
	1/30/2012	**15**	<4.0	**9.3**	**26**	<8.0	**4.0**	**920**	**1,000**	<4.0
SG-01 (DUP-02)	6/18/2015	<1.0	<1.0	<1.0	<1.0	<2.0	**7.7**	**29**	**95**	<1.0

Notes:

1) As recommended by USEPA in an email dated August 1, 2013, soil gas screening levels (SGSLs) are taken from the May 2013 Michigan Department of Environmental Quality (MDEQ) Final Guidance Document for the Vapor Intrusion Pathway.
2) Elevated concentrations of 2-propanol (tracer) detected; DUP-01 results from 5/20/10 reflect true soil gas concentrations. Tracer concentration from SG-01 and analytical data from DUP-01 suggests that sample was diluted with approximately 30-percent ambient air.
3) Elevated concentrations of tracer detected. Analytical data for other analytes are presumed to be invalid (--).
4) Elevated detection limit due to siloxane contamination in sample.
5) Water in sample point prevented sample collection.
6) Quality control results are outside the established control limits, the result is approximate.
7) Analyte was evaluated for detection to the method detection limit.
8) Potential data quality issues were identified with tetrachloroethene, 1,1,1-trichloroethane, and tricholorethene concentrations reported in July 2014. Data may be biased high. Data for these compounds, in the absence of additional data confirming these low-level detections, should be considered suspect and should not, in isolation, be used to trigger further action
9) Sample port is screened in the low permeability zone. Available sample volume insufficient for analysis.
10) Elevated concentrations of tracer detected. Results and detection limits may be biased low.

Bold font denotes concentrations detected above laboratory reporting limits.

Denotes concentrations above one or more soil gas screening level

ppbv - parts per billion by volume

NS - No Sample

Table 1
Summary of Chlorinated Volatile Organic Compounds at Soil Gas Sample Locations
Tecumseh Products Company
Tecumseh, Michigan

Analyte		1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl Chloride
MDEQ Residential Sub-Slab SGSL (1)		4,100	8.2	1,700	58	580	170	36,000	12	21
MDEQ Residential Deep SGSL (1)		41,000	82	17,000	580	5,800	1,700	360,000	120	210
MDEQ Non-Residential Sub-Slab SGSL (1)		69,000	160	28,000	980	9,800	3,300	610,000	210	1,500
MDEQ Non-Residential Deep SGSL (1)		690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000
Units		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-02 (5.5-6')	4/5/2010	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	**19.6**	<4.0	<4.0
	10/21/2010	<12.5	<12.5	<12.5	<12.5	<12.5	**532**	**328**	**1,610**	<12.5
	12/9/2010 (5)	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/31/2011 (5)	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/27/2011	**8.5**	<3.5	<7.0	**28.0**	**8.6**	**1,240**	**943**	**3,970**	<3.5
	9/28/2011	<5.0	<5.0	<5.0	**6.1**	<10	**1,100**	**230**	**550**	<5.0
	11/21/2011	**2.3**	<1.0	<1.0	**2.6**	**2.5**	**400**	**120**	**310**	**1.1**
	1/30/2012	<1.0	<1.0	**2.1**	<1.0	<2.0	<1.0	**8.6**	**2.3**	<1.0
	6/27/2012	**18**	<1.0	**4.2**	**1,300**	**52**	**780**	**430**	**2,200**	**3.3**
	10/2/2012	**11**	<5.0	<5.0	**260**	**33**	**280**	**510**	**1,900**	<5.0
	11/27/2012	**4.6**	<1.0	**2.4**	**44**	**7.3**	**3.4**	**80**	**120**	<1.0
	3/26/2013	<2.0	<2.0	**3.4**	**46**	**4.6**	**10**	**32**	**100**	**2.1**
	5/30/2013 (6)	**7.3**	<2.0	**4.5**	**200**	**22**	**350**	**380**	**1,900**	<2.0
	8/9/2013	**17**	<1.0	**12**	**220**	**46**	**4,800**	**990**	**9,100**	<1.0
	11/13/2013	**7.4**	<1.0	**2.0**	**51**	**10**	**950**	**270**	**1,800**	<1.0
	3/26/2014 (3)	--	--	--	--	--	--	--	--	--
	4/16/2014	<1.0	<1.0	<1.0	**9.9**	**2.5**	**210**	**34**	**300**	<1.0
	5/21/2014	**7.6**	<1.0	**5.1**	**68**	**16**	**2,000**	**410**	**2,600**	<1.0
	7/24/2014	**31**	<10	<10	**120**	**47**	**5,400**	**1,300**	**5,600**	<10
	9/22/2014	**15**	<10	<10	**71**	**38**	**2,500**	**770**	**5,000**	<10
	11/5/2014	<10	<10	<10	**17**	<20	**1,800**	**310**	**2,800**	<10
	4/1/2015 (10)	<1.0	<1.0	**1.5**	**4.5**	**2.9**	**400**	**59**	**460**	<1.0
	6/18/2015	**6.3**	<1.0	**5.2**	**47**	**28**	**1,900**	**650**	**4,000**	<1.0

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Tecumseh Products Company
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MDEQ Residential Sub-Slab SGSL (1)		4,100	8.2	1,700	58	580	170	36,000	12	21
MDEQ Residential Deep SGSL (1)		41,000	82	17,000	580	5,800	1,700	360,000	120	210
MDEQ Non-Residential Sub-Slab SGSL (1)		69,000	160	28,000	980	9,800	3,300	610,000	210	1,500
MDEQ Non-Residential Deep SGSL (1)		690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000
Units		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-03 (5-5.5')	4/5/2010	<2.6	<2.6	<2.6	<2.6	<5.1	<2.6	<2.6	<2.6	<2.6
	10/21/2010	**91.0**	<15.7	<15.7	**193**	**90.3**	<15.7	<15.7	<15.7	<15.7
	12/9/2010	**47.7**	<11.9	<11.9	**98.0**	**48.5**	<11.9	<11.9	<11.9	<11.9
	3/31/2011	<0.56	<0.56	<0.57	<0.57	<0.57	<0.57	<0.56	<0.57	<0.58
	6/27/2011	<0.36	<0.18	<0.37	<0.37	<0.37	**6.8**	**4.8**	**22.3**	<0.18
	9/28/2011	**3.0**	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	11/21/2011	**3.5**	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	**1.8**
	1/30/2012 (5)	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/27/2012	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	**12**	<2.0
	10/2/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/26/2013 (3)	--	--	--	--	--	--	--	--	--
	4/15/2013 (3)	--	--	--	--	--	--	--	--	--
SG-03R (5-5.5')	5/30/2013	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	8/9/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/13/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/21/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**1.8**	<1.0	<1.0	<1.0
	9/22/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/5/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	4/1/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	**1.7**	<1.0
	6/18/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0

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Units		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-04 (5-5.5')	4/5/2010	<2.6	<1.3 [7]	<2.6	<2.6	<4.9	<2.6	<2.6	<2.6	<2.5
	9/23/2010	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
	12/9/2010	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78
	3/31/2011	<1.6	<1.6	<1.6	<1.6	<1.6	**2.0**	<1.6	<1.6	<1.6
	6/7/2011	<1.0	<0.53	<1.1	<1.1	<1.1	<0.52	<1.0	<0.53	<0.54
	9/28/2011	<1.0	<1.0	<1.0	<1.0	<2.0	**1.7**	<1.0	<1.0	<1.0
	11/21/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	**2.4**
	1/30/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	6/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	**1.0**	<1.0
	10/2/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/18/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/24/2013 [4]	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	8/9/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	**4.7**	<1.0
	11/13/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/21/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	7/24/2014 [8]	<1.0	<1.0	<1.0	<1.0	<2.0	**5.6**	<1.0	<1.0	<1.0
	11/5/2014	**6.8**	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	4/1/2015 [10]	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	6/18/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0

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Units		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-05 (7.5-8')	4/5/2010	<2.6	<2.6	<2.6	<2.6	<4.9	<2.6	**28.7**	**26.6**	<2.5
	10/21/2010	<16.8	<16.8	<16.8	<16.8	<16.8	<16.8	**708**	**1,320**	<16.8
	12/9/2010	<15.7	<15.7	<15.7	<15.7	<15.7	<15.7	**357**	**538**	<15.7
	3/31/2011 [5]	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/27/2011	<0.34	<0.17	<0.35	<0.35	<0.35	<0.17	**2.2**	**0.20**	<0.17
	9/28/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**2.1**	**1.1**	<1.0
	11/21/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	1/30/2012 [5]	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/26/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**1.1**	<1.0	<1.0
	10/1/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**220**	**380**	<1.0
	11/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**54**	**22**	<1.0
	3/18/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/23/2013 [4]	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**16**	**21**	<1.0
	11/12/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**170**	**260**	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**150**	**250**	<1.0
	5/19/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**1.2**	**1.7**	<1.0
	7/22/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**1.3**	**5.0**	**14**	<1.0
	11/3/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**34**	**36**	<1.0
	3/30/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**1.8**	**2.5**	<1.0
	6/17/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**2.7**	**3.8**	<1.0
SG-05 (DUP-01)	10/21/2010	<16.8	<16.8	<16.8	<16.8	<16.8	<16.8	**581**	**1,020**	<16.8
	12/9/2010	<211	<211	<211	<211	<211	<211	**772**	**849**	<211
	10/1/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**190**	**370**	<1.0

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Units		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-06 (8-8.5')	4/5/2010	<2.6	<2.6	<2.6	<2.6	<4.9	<2.6	<2.6	**7.2**	<2.5
	5/20/2010	<4.6	<4.6	<4.6	<4.6	<4.6	**9.5**	**6.0**	**104**	<4.6
	9/21/2010	<29.2	<29.2	<29.2	<29.2	<29.2	**62.2**	<29.2	**263**	<29.2
	12/9/2010	<3.9	<3.9	<3.9	**6.1**	<3.9	**4.3**	**7.4**	**64.9**	<3.9
	3/31/2011	**0.73**	<0.17	<0.35	<0.35	**1.3**	<0.17	**1.7**	**14.1**	<0.17
	6/7/2011	**0.88**	<0.18	<0.37	**5.6**	**2.5**	**7.5**	**2.5**	**50.2**	<0.18
	9/28/2011	**3.6**	<2.0	<2.0	**35**	**6.4**	**16**	**7.7**	**150**	<2.0
	11/21/2011	**2.2**	<1.0	<1.0	**9.2**	**2.6**	<1.0	**5.1**	**29**	**1.1**
	1/30/2012	**1.4**	<1.0	<1.0	**5.4**	<2.0	<1.0	**1.3**	**9.7**	<1.0
	6/27/2012	<1.0	<1.0	<1.0	**7.7**	<2.0	**9.1**	**3.4**	**68**	<1.0
	10/1/2012	<1.0	<1.0	<1.0	<1.0	<2.0	**2.3** [6]	<1.0	**12** [6]	<1.0
	11/28/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	**2.1**	<1.0
	3/18/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
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	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	**20**	<1.0	**10**	<1.0
	11/12/2013	<1.0	<1.0	<1.0	<1.0	<2.0	**8.9**	<1.0	**6.0**	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**1.7**	<1.0	**1.1**	<1.0
	5/19/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**5.0**	<1.0	**2.1**	<1.0
	7/22/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**59**	**7.9**	**59**	<1.0
	11/3/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**3.7**	<1.0	**1.7**	<1.0
	3/30/2015	<1.0	<1.0	<1.0	<1.0	<2.0	**1.6**	<1.0	<1.0	<1.0
	6/17/2015	<1.0	<1.0	<1.0	<1.0	<2.0	**2.3**	<1.0	**1.8**	<1.0

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Tecumseh, Michigan

Analyte		1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl Chloride
MDEQ Residential Sub-Slab SGSL [1]		4,100	8.2	1,700	58	580	170	36,000	12	21
MDEQ Residential Deep SGSL [1]		41,000	82	17,000	580	5,800	1,700	360,000	120	210
MDEQ Non-Residential Sub-Slab SGSL [1]		69,000	160	28,000	980	9,800	3,300	610,000	210	1,500
MDEQ Non-Residential Deep SGSL [1]		690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000
Units		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-07 (8-8.5')	4/5/2010	<75.2	<75.2	<75.2	<75.2	<75.2	<75.2	<75.2	<75.2	<75.2
	5/20/2010	<5.0	<5.0	<5.0	<5.0	<5.0	**13.8**	**6.8**	**145**	<5.0
	9/21/2010	<69.6	<69.6	<69.6	<69.6	<69.6	**140**	<69.6	**403**	<69.6
	12/9/2010	<22.2	<22.2	<22.2	<22.2	<22.2	**24.4**	<22.2	**139**	<22.2
	3/31/2011	<0.34	<0.17	<0.35	<0.35	<0.35	**5.9**	**4.3**	**47.2** [6]	<0.17
	6/7/2011	<0.36	<0.18	<0.37	<0.37	<0.37	**23.6**	**4.4** [6]	**171** [6]	<0.18
	9/28/2011	<1.0	<1.0	<1.0	<1.0	<2.0	**76**	**16**	**260**	<1.0
	11/21/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**2.7**	**3.1**	**1.5**
	1/30/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	**2.4**	<1.0
	6/26/2012	<1.0	<1.0	<1.0	<1.0	<2.0	**67**	**9.0**	**250**	<1.0
	10/1/2012	<1.0	<1.0	<1.0	<1.0	<2.0	**16**	**8.8**	**130**	<1.0
	11/28/2012	<1.0	<1.0	<1.0	<1.0	<2.0	**1.7**	**3.4**	**34**	<1.0
	3/18/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**1.4**	**13**	<1.0
	5/23/2013	<1.0	<1.0	<1.0	<1.0	<2.0	**27**	**4.0**	**120**	<1.0
	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	**260**	**13**	**510**	<1.0
	11/12/2013	<1.0	<1.0	<1.0	<1.0	<2.0	**160**	**7.7**	**340**	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**41**	**2.5**	**79**	<1.0
	5/19/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**110**	**4.1**	**180**	<1.0
	7/23/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**210**	**11** [6]	**320**	<1.0
	11/3/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**180**	**7.0**	**330**	<1.0
	3/30/2015	<1.0	<1.0	<1.0	**1.3**	<2.0	**47**	**2.4**	**110**	<1.0
	6/17/2015	<1.0	<1.0	<1.0	<1.0	<2.0	**140**	**6.1**	**250**	<1.0
SG-07 (DUP-01)	3/31/2011	<0.56	<0.56	<0.57	<0.57	<0.57	**7.9**	**5.0**	**90.6** [6]	<0.58
	6/7/2011	<0.36	<0.18	<0.37	<0.37	<0.37	**28.4** [6]	**9.5** [6]	**97.2** [6]	<0.18
	6/26/2012	<1.0	<1.0	<1.0	<1.0	<2.0	**66**	**9.3**	**250**	<1.0
	11/28/2012	<1.0	<1.0	<1.0	<1.0	<2.0	**1.5**	**3.1**	**33**	<1.0
	5/23/2013 [4]	<4,900	<970	<5,000	<5,000	<5,000	<580	<3,600	<730	<770
	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	**220**	**12**	**420**	<1.0
	11/12/2013	<1.0	<1.0	<1.0	<1.0	<2.0	**160**	**7.6**	**350**	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**42**	**2.6**	**82**	<1.0
	5/19/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**110**	**4.3**	**180**	<1.0
	7/23/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**190**	**8.6** [6]	**300**	<1.0
	11/3/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**180**	**6.8**	**320**	<1.0
	6/17/2015	<1.0	<1.0	<1.0	<1.0	<2.0	**130**	**5.8**	**230**	<1.0

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MDEQ Residential Sub-Slab SGSL [1]		4,100	8.2	1,700	58	580	170	36,000	12	21
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MDEQ Non-Residential Deep SGSL [1]		690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000
Units		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-07 (DUP-02)	3/18/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**1.4**	**12**	<1.0
SG-08 (6.5-7')	4/5/2010	<2.6	<1.3 [7]	<2.6	<2.6	<5.1	<2.6	<2.6	<2.6	<2.6
	9/23/2010	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**4.5**	**3.5**	<2.0
	12/9/2010 [5]	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/31/2011	<0.34	<0.17	<0.35	<0.35	<0.35	**0.29**	**3.4**	<0.17	<0.17
	6/27/2011	<0.34	<0.17	<0.35	<0.35	<0.35	<0.17	**0.97**	<0.18	<0.17
	9/28/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**1.9**	<1.0	<1.0
	11/21/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**6.9**	**1.3**	**1.0**
	1/30/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	6/29/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**1.8**	**2.0**	<1.0
	10/2/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**1.7**	<1.0	<1.0
	11/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/18/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/24/2013 [4]	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	8/9/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**5.4**	**8.6**	<1.0
	11/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**2.6**	**3.2**	<1.0
	4/16/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	**1.2**	<1.0
	5/20/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**1.4**	**4.0**	<1.0
	7/24/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**2.2**	**4.0**	**5.2**	<1.0
	11/5/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**4.2**	**2.2** [6]	<1.0
	4/1/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	6/18/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**2.7**	**1.9**	<1.0
SG-08 (DUP-02)	5/24/2013 [4]	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	8/9/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**4.8**	**7.1**	<1.0
	11/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**2.5**	**3.7**	<1.0
	5/20/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**2.0**	**1.6**	<1.0
	7/24/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**1.8**	**3.9**	**5.2**	<1.0
	11/5/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**4.7**	**8.6** [6]	<1.0

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MDEQ Residential Sub-Slab SGSL (1)		4,100	8.2	1,700	58	580	170	36,000	12	21
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MDEQ Non-Residential Deep SGSL (1)		690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000
Units		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-09 (5.5-6')	4/5/2010 (3)	--	--	--	--	--	--	--	--	--
	5/20/2010	**10.6**	<4.4	<4.4	<4.4	<4.4	<4.4	**123**	**176**	<4.4
	9/23/2010	<23.4	<23.4	<23.4	<23.4	<23.4	<23.4	**142**	**436**	<23.4
	12/9/2010	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	**61.8**	**51.7**	<13.2
	3/31/2011	**4.3**	<0.17	<0.35	**1.3**	<0.35	<0.17	**52.5**	**13.9**	<0.17
	6/27/2011	**5.4**	<0.17	<0.35	**1.4**	<0.35	<0.17	**52.8**	**45.8**	<0.17
	9/28/2011	**1.7**	<1.0	<1.0	<1.0	<2.0	<1.0	**13**	**7.9**	<1.0
	11/21/2011	**3.8**	<1.0	<1.0	<1.0	<2.0	<1.0	**32**	**9.1**	<1.0
	1/30/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**7.2**	**1.3**	<1.0
	6/29/2012	<1.0	<1.0	<1.0	**1.0**	<2.0	<1.0	**89**	**190**	<1.0
	10/2/2012	**1.0**	<1.0	<1.0	<1.0	<2.0	<1.0	**56**	**74**	<1.0
	11/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**4.3**	**1.9**	<1.0
	3/18/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**5.4**	**4.0**	<1.0
	5/24/2013 (4)	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	**18**	**27**	<2.0
	8/9/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**67**	**270**	<1.0
	11/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**35**	**170**	<1.0
	4/16/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**6.2**	**36**	<1.0
	5/20/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**15**	**73**	<1.0
	7/24/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**23**	**99**	<1.0
	11/5/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**11**	**67**	<1.0
	4/1/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**4.0**	**21**	<1.0
	6/18/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**10**	**69**	<1.0
SG-09 (DUP-02)	6/29/2012	<1.0	<1.0	<1.0	**1.2**	<2.0	<1.0	**93**	**200**	<1.0

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Units		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-10 (5-5.5')	4/5/2010	<40.3 [7]	<40.3 [7]	<80.6	<80.6	<80.6	<40.3 [7]	<80.6	<40.3 [7]	<40.3 [7]
	9/21/2010	<4.4	<2.2 [7]	<4.4	<4.4	<4.4	<4.4	<4.4	**11.5**	<4.4
	12/9/2010	<8.7	<4.4 [7]	<8.7	<8.7	<8.7	<4.4 [7]	<8.7	<8.7	<8.7
	3/31/2011	<0.61	<0.61	<0.62	<0.62	<0.62	<0.61	<0.59	<0.60	<0.62
	6/27/2011 [5]	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/28/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**1.4**	**19**	<1.0
	11/21/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**19**	**56**	<1.0
	1/30/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	6/27/2012	<1.0	<1.0	<1.0	**4.8**	<2.0	**1.9**	**46**	**210**	<1.0
	10/1/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/29/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/18/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/23/2013 [3]	--	--	--	--	--	--	--	--	--
	6/24/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	8/8/2013	<1.0	<1.0	<1.0	**1.6**	<2.0	**29**	**6.9**	**53**	<1.0
	11/13/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/20/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	7/23/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/4/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/31/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	6/17/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	**3.4**	<1.0

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MDEQ Residential Sub-Slab SGSL (1)		4,100	8.2	1,700	58	580	170	36,000	12	21
MDEQ Residential Deep SGSL (1)		41,000	82	17,000	580	5,800	1,700	360,000	120	210
MDEQ Non-Residential Sub-Slab SGSL (1)		69,000	160	28,000	980	9,800	3,300	610,000	210	1,500
MDEQ Non-Residential Deep SGSL (1)		690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000
Units		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-11 (5.5-6')	4/5/2010	<2.8	<1.4 (7)	<2.8	<2.8	<5.4	<2.8	<2.8	<2.8	<2.8
	9/23/2010	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
	12/9/2010	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84
	3/31/2011	<0.56	<0.56	<0.57	<0.57	<0.57	<0.57	<0.56	<0.57	<0.58
	6/7/2011	<0.39	<0.19	<0.40	<0.40	<0.40	**0.89**	**0.54**	**1.2**	<0.19
	9/28/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/21/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**6.8**	**18**	<1.0
	1/30/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	6/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	10/1/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/29/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/18/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/23/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	**1.2**	<1.0	**3.0**	<1.0
	11/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**1.3**	<1.0	<1.0	<1.0
	5/20/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	7/23/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/4/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/31/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	6/17/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
SG-12 (5-5.5')	4/5/2010 (5)	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/20/2020 (5)	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/21/2010 (5)	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/9/2010	<2.5	<1.3 (7)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	3/31/2011 (5)	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/27/2011 (5)	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/28/2011 (5)	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/21/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	1/30/2012 (5)	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/28/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/26/2013 (5)	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/24/2013 (5)	NS	NS	NS	NS	NS	NS	NS	NS	NS

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MDEQ Non-Residential Deep SGSL [1]		690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000
Units		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-12R (7-7.5')	6/26/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	10/3/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/28/2012 [9]	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/26/2013 [9]	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/24/2013 [9]	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/9/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/13/2013	<1.0	<1.0	<1.0	**1.9**	<2.0	<1.0	<1.0	**5.6**	<1.0
	3/26/2014 [3]	--	--	--	--	--	--	--	--	--
	4/16/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/19/2014	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	7/22/2014 [3]	--	--	--	--	--	--	--	--	--
	12/5/2014 [10]	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/31/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	6/18/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	**1.3**	<1.0
SG-13 (5.5-6')	4/5/2010	<2.5	<1.3 [7]	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	5/20/2010	<4.5	<2.2 [7]	<4.5	<4.5	<4.5	<4.5	<4.5	**6.1**	<4.5
	9/23/2010	<1.5	<1.5	<1.5	**2.5**	**5.6**	<1.5	<1.5	<1.5	<1.5
	12/9/2010	<1.6	<1.6	<1.6	<1.6	**2.9**	<1.6	<1.6	<1.6	<1.6
	3/31/2011	<0.56	<0.56	<0.57	<0.57	<0.57	<0.57	<0.56	<0.57	<0.58
	6/7/2011	**1.5**	<0.19	<0.40	**4.8**	**10.8**	**0.77**	**0.81**	**1.6**	<0.19
	9/28/2011	**1.1**	<1.0	<1.0	**6.2**	**10**	<1.0	<1.0	<1.0	<1.0
	11/21/2011	**1.9**	<1.0	<1.0	**2.0**	**4.0**	<1.0	<1.0	<1.0	<1.0
	1/30/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	6/26/2012	<1.0	<1.0	<1.0	**4.9**	**7.7**	<1.0	<1.0	<1.0	<1.0
	10/2/2012	<1.0	<1.0	<1.0	**3.4** [6]	**5.9** [6]	<1.0	<1.0	<1.0	<1.0
	11/28/2012	<1.0	<1.0	<1.0	**1.7**	**2.7**	<1.0	<1.0	<1.0	<1.0
	3/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/23/2013	<1.0	<1.0	<1.0	<1.0	**3.4**	<1.0	<1.0	<1.0	<1.0
	8/8/2013	<1.0	<1.0	<1.0	**1.3**	**8.8**	<1.0	<1.0	<1.0	<1.0
	11/14/2013	<1.0	<1.0	<1.0	<1.0	**4.5**	<1.0	<1.0	<1.0	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/20/2014	<1.0	<1.0	<1.0	**1.3**	**4.0**	<1.0	<1.0	<1.0	<1.0
	7/23/2014	<1.0	<1.0	<1.0	**1.4**	**6.6**	<1.0	<1.0	<1.0	<1.0
	11/4/2014	<1.0	<1.0	<1.0	<1.0	**4.5** [6]	<1.0	<1.0	<1.0	<1.0
	3/31/2015	<1.0	<1.0	<1.0	<1.0	**2.5**	<1.0	<1.0	<1.0	<1.0
	6/17/2015	<1.0	<1.0	<1.0	**2.2**	**9.4**	<1.0	<1.0	<1.0	<1.0

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MDEQ Non-Residential Deep SGSL [1]		690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000
Units		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-14 (6.5-7') [5]	4/5/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/20/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/21/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/9/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/31/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/27/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/28/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/30/2012	NS	NS	NS	NS	NS	NS	NS	NS	NS
SG-14R (6.5-7')	6/26/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	**1.3**	<1.0
	10/3/2012 [9]	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/28/2012 [9]	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/14/2013	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/24/2013 [3]	--	--	--	--	--	--	--	--	--
	8/9/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	**1.6**	<1.0
	11/13/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	4/16/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/19/2014	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	7/22/2014 [3]	--	--	--	--	--	--	--	--	--
	11/4/2014	<100	<100	<100	<100	<200	<100	<100	<100	<100
	4/1/2015 [10]	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0
SG-15 (11-11.5')	9/23/2010 [5]	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/15/2010 [5]	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/31/2011 [5]	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/27/2011 [5]	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/28/2011 [5]	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/21/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**10**	**30**	<1.0
	1/30/2012 [5]	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Units		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-15R (8.75-9.25')	6/26/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	10/3/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/28/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/18/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/24/2013 [4,7]	<1.6	<1.6	<1.9	<1.6	<1.2	<1.0	<1.0	<1.2	<1.8
	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/13/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/20/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	7/23/2014 [8]	<1.0	<1.0	<1.0	<1.0	<2.0	**1.4**	<1.0	**8.5**	<1.0
	11/4/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/31/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	6/17/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
SG-16 (7.5-8')	9/23/2010	<2.5	<2.5	<2.5	<2.5	<2.5	**2.6**	<2.5	<2.5	<2.5
	12/9/2010	<15.7	<7.8 [7]	<15.7	<15.7	<15.7	<7.8 [7]	<15.7	<15.7	<7.8 [7]
	3/31/2011	<0.61	<0.61	<0.60	<0.60	<0.60	<0.61	<0.59	<0.60	<0.62
	6/7/2011	<1.1	<0.53	<1.1	<1.1	<1.1	<0.54	<1.1	**0.62**	<0.54
	9/28/2011	<1.0	<1.0	<1.0	**3.3**	<2.0	**7.4**	<1.0	**28**	<1.0
	11/21/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	**1.1**
	1/30/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	6/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	10/2/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/28/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/18/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/23/2013 [4]	<4,900	<970	<5,000	<5,000	<5,000	<580	<3,600	<730	<770
	6/24/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	**13**	<1.0
	11/13/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/19/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	7/23/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**1.3**	<1.0	**1.1**	<1.0
	11/4/2014	<1.0	<1.0	<1.0	**5.2**	**3.1** [6]	**11**	<1.0	**4.4**	<1.0
	3/31/2015	<1.0	<1.0	<1.0	<1.0	<2.0	**1.2**	<1.0	<1.0	<1.0
	6/17/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0

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3) Elevated concentrations of tracer detected. Analytical data for other analytes are presumed to be invalid (--).
4) Elevated detection limit due to siloxane contamination in sample.
5) Water in sample point prevented sample collection.
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Bold font denotes concentrations detected above laboratory reporting limits.

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Table 1
Summary of Chlorinated Volatile Organic Compounds at Soil Gas Sample Locations
Tecumseh Products Company
Tecumseh, Michigan

Analyte		1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl Chloride
MDEQ Residential Sub-Slab SGSL (1)		4,100	8.2	1,700	58	580	170	36,000	12	21
MDEQ Residential Deep SGSL (1)		41,000	82	17,000	580	5,800	1,700	360,000	120	210
MDEQ Non-Residential Sub-Slab SGSL (1)		69,000	160	28,000	980	9,800	3,300	610,000	210	1,500
MDEQ Non-Residential Deep SGSL (1)		690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000
Units		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-16 (DUP-02)	10/2/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	6/24/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
SG-17 (8-8.5')	6/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	**1.8**	**330**	**5.7**	<1.0
	10/1/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**250**	<1.0	<1.0
	11/28/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**42**	<1.0	<1.0
	3/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**42**	<1.0	<1.0
	5/23/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**83**	<1.0	<1.0
	8/8/2013	<2.0	<2.0	<2.0	<2.0	<4.0	**6.0**	**550**	<2.0	<2.0
	11/12/2013	<1.0	<1.0	<1.0	<1.0	<2.0	**5.1**	**300**	**6.2**	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**81**	<1.0	<1.0
	5/19/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**1.8**	**120**	<1.0	<1.0
	7/23/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**4.6**	**330**	<1.0	<1.0
	11/4/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**2.4**	**370**	<1.0	<1.0
	3/31/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**71**	<1.0	<1.0
	6/17/2015	<1.0	<1.0	<1.0	<1.0	<2.0	**3.5**	**300**	<1.0	<1.0
SG-18 (8-8.5')	6/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**1.1**	**2.3**	<1.0
	10/1/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/29/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/23/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	**2.1**	<1.0	**6.4**	<1.0
	11/13/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/20/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	7/23/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**2.1**	<1.0	**1.9**	<1.0
	11/4/2014	<1.0	<1.0	<1.0	**2.8**	**6.1** (6)	<1.0	<1.0	<1.0	<1.0
	3/31/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	6/17/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0

Notes:

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Analyte		1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl Chloride
MDEQ Residential Sub-Slab SGSL (1)		4,100	8.2	1,700	58	580	170	36,000	12	21
MDEQ Residential Deep SGSL (1)		41,000	82	17,000	580	5,800	1,700	360,000	120	210
MDEQ Non-Residential Sub-Slab SGSL (1)		69,000	160	28,000	980	9,800	3,300	610,000	210	1,500
MDEQ Non-Residential Deep SGSL (1)		690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000
Units		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-19 (8-8.5')	6/26/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	10/2/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/24/2013 (4)	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/20/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	7/23/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	12/4/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/31/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	6/17/2015	<1.0	<1.0	<1.0	<1.0	**3.0**	<1.0	<1.0	<1.0	<1.0
SG-20 (8-8.5')	6/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	**5.4**	**1.5**	**17**	<1.0
	10/2/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	**1.9**	<1.0
	11/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	**1.3**	<1.0
	5/24/2013 (4)	<2.0	<2.0	<2.0	<2.0	<4.0	**3.6**	<2.0	<2.0	<2.0
	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**3.1**	**1.0**	<1.0
	11/12/2013	<1.0	<1.0	<1.0	<1.0	<2.0	**13**	**1.4**	**23**	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**2.9**	<1.0	**5.3**	<1.0
	5/20/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**7.8**	<1.0	**12**	<1.0
	7/24/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/5/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**12**	**1.5**	**21**	<1.0
	3/31/2015	<1.0	<1.0	<1.0	<1.0	<2.0	**3.4**	<1.0	**7.1**	<1.0
	6/18/2015	<5.0	<5.0	<5.0	<5.0	<10	**15**	<5.0	**25**	<5.0
SG-20 (DUP-02)	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**2.7**	<1.0	**5.8**	<1.0
	3/31/2015	<1.0	<1.0	<1.0	<1.0	<2.0	**4.1**	<1.0	**7.1**	<1.0

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MDEQ Non-Residential Deep SGSL (1)		690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000
Units		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-21 (8-8.5')	6/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**1.1**	**2.3**	<1.0
	3/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/24/2013 (4)	<120	<24	<120	<120	<120	<15	<91	<18	<19
	6/24/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/12/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	4/16/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/20/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	7/24/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/5/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/31/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	6/18/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
SG-21 (DUP-01)	3/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
SG-21 (DUP-02)	11/29/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
SG-22 (6-6.5')	10/2/2014	**120**	<20	<20	<20	<40	**230**	**7,000**	**6,200**	<20
	11/3/2014	**81**	<20	<20	<20	<40	**160**	**5,100**	**4,500**	<20
	3/30/2015	**63**	<20	<20	<20	<40	**100**	**2,800**	**2,300**	<20
	6/18/2015	**200**	<10	<10	**36**	<20	**330**	**6,100**	**6,300**	<10
SG-23 (5-5.5')	10/2/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/3/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**2.3**	<1.0	<1.0	<1.0
	3/30/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	6/18/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	**4.1**	<1.0
SG-23 (DUP-01)	10/2/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
SG-24 (5-5.5')	10/2/2014	<1.0	<1.0	<1.0	<1.0	<2.0	**3.2**	<1.0	<1.0	<1.0
	11/3/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	**3.3**	<1.0
	3/30/2015 (10)	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	6/18/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**2.0**	**2.1**	<1.0

Notes:

1) As recommended by USEPA in an email dated August 1, 2013, soil gas screening levels (SGSLs) are taken from the May 2013 Michigan Department of Environmental Quality (MDEQ) Final Guidance Document for the Vapor Intrusion Pathway.
2) Elevated concentrations of 2-propanol (tracer) detected; DUP-01 results from 5/20/10 reflect true soil gas concentrations. Tracer concentration from SG-01 and analytical data from DUP-01 suggests that sample was diluted with approximately 30-percent ambient air.
3) Elevated concentrations of tracer detected. Analytical data for other analytes are presumed to be invalid (--).
4) Elevated detection limit due to siloxane contamination in sample.
5) Water in sample point prevented sample collection.
6) Quality control results are outside the established control limits, the result is approximate.
7) Analyte was evaluated for detection to the method detection limit.
8) Potential data quality issues were identified with tetrachloroethene, 1,1,1-trichloroethane, and tricholorethene concentrations reported in July 2014. Data may be biased high. Data for these compounds, in the absence of additional data confirming these low-level detections, should be considered suspect and should not, in isolation, be used to trigger further action
9) Sample port is screened in the low permeability zone. Available sample volume insufficient for analysis.
10) Elevated concentrations of tracer detected. Results and detection limits may be biased low.

Bold font denotes concentrations detected above laboratory reporting limits.

Denotes concentrations above one or more soil gas screening level

ppbv - parts per billion by volume

NS - No Sample

Table 1
Summary of Chlorinated Volatile Organic Compounds at Soil Gas Sample Locations
Tecumseh Products Company
Tecumseh, Michigan

Analyte		1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl Chloride
MDEQ Residential Sub-Slab SGSL (1)		4,100	8.2	1,700	58	580	170	36,000	12	21
MDEQ Residential Deep SGSL (1)		41,000	82	17,000	580	5,800	1,700	360,000	120	210
MDEQ Non-Residential Sub-Slab SGSL (1)		69,000	160	28,000	980	9,800	3,300	610,000	210	1,500
MDEQ Non-Residential Deep SGSL (1)		690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000
Units		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-25 (5-5.5')	10/2/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**210**	**58**	<1.0
	11/3/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**140**	**34**	<1.0
	3/30/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**8.5**	**4.9**	<1.0
	6/18/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**84**	**20**	<1.0
MHC-01 (0.5-1.0')	3/30/2015	**2.2**	<1.0	<1.0	<1.0	<2.0	<1.0	**96**	**44**	<1.0
	6/18/2015	**8.7**	<1.0	<1.0	<1.0	<2.0	**8.6**	**450**	**360**	<1.0
TVP-02s (10-10.5')	6/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	**1.2**	**8.8**	<1.0
	10/1/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	**1.2**	<1.0
	11/28/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/18/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/23/2013 (4)	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/12/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/19/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	7/23/2014 (8)	<1.0	<1.0	<1.0	<1.0	<2.0	**18**	**2.9**	**20**	<1.0
	11/3/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/30/2015	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	6/17/2015	<1.0	<1.0	<1.0	**1.4**	<2.0	<1.0	<1.0	**11**	<1.0

Notes:

1) As recommended by USEPA in an email dated August 1, 2013, soil gas screening levels (SGSLs) are taken from the May 2013 Michigan Department of Environmental Quality (MDEQ) Final Guidance Document for the Vapor Intrusion Pathway.
2) Elevated concentrations of 2-propanol (tracer) detected; DUP-01 results from 5/20/10 reflect true soil gas concentrations. Tracer concentration from SG-01 and analytical data from DUP-01 suggests that sample was diluted with approximately 30-percent ambient air.
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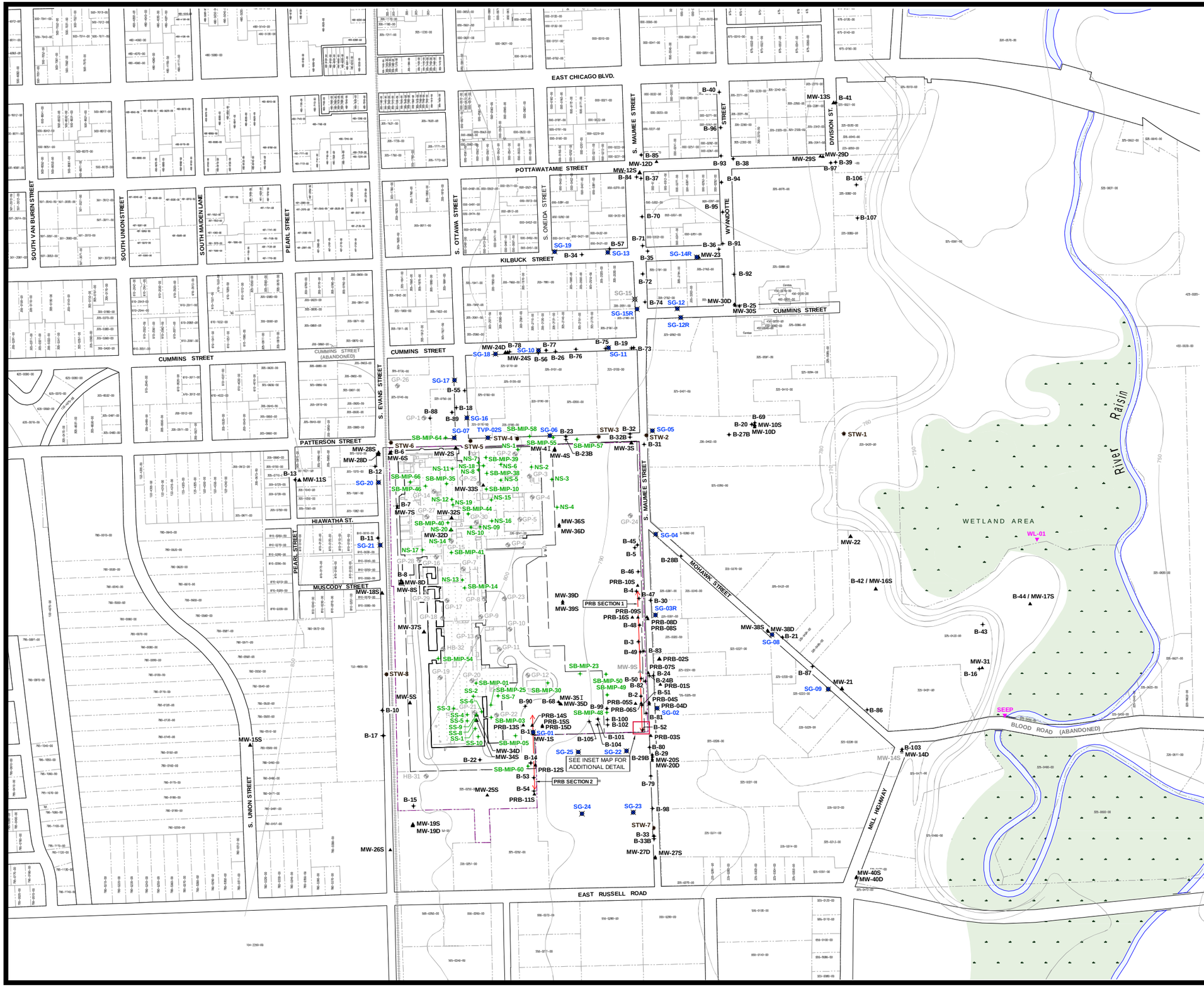
Bold font denotes concentrations detected above laboratory reporting limits.

Denotes concentrations above one or more soil gas screening level

ppbv - parts per billion by volume

NS - No Sample

Figure

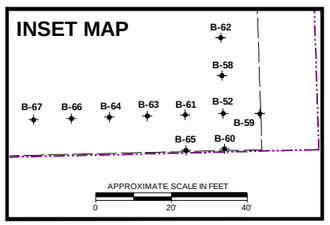


LEGEND

- FORMER TECUMSEH PRODUCTS SITE BOUNDARY
- PARCEL BOUNDARY
- RAILROAD TRACKS (APPROXIMATE LOCATION)
- 750 — APPROXIMATE GROUND TOPOGRAPHY BASED OFF 7.5 MINUTE U.S.G.S. TOPOGRAPHIC QUADRANGLE MAP
- B-2 — PERIMETER / OFF-SITE INVESTIGATION SOIL BORING LOCATION AND NUMBER
- MW-4S — MONITORING WELL LOCATION AND NUMBER
- MW-9S — DECOMMISSIONED MONITORING WELL LOCATION AND NUMBER
- SS-2 — SOURCE AREA INVESTIGATION BORING LOCATION AND NUMBER
- SG-02 — SOIL GAS SAMPLE LOCATION AND NUMBER
- SG-15 — DECOMMISSIONED SOIL GAS SAMPLE LOCATION AND NUMBER
- STW-2 — STORM WATER SEWER SAMPLE LOCATION AND NUMBER
- WL-01 — APPROXIMATE SURFACE WATER SAMPLE LOCATION
- GP-2 — ATC PHASE II ESA BORING LOCATION AND NUMBER
- FLOODPLAIN / WOODED WETLAND AREA
- PRB LOCATION
- FENCE LINE

NOTES

1. BASE MAP DEVELOPED FROM SITE PLAN PROVIDED BY THE CITY OF TECUMSEH, DRAWING NO. CITY.DWG, MARCH 2009.
2. GROUND TOPOGRAPHY BASED OFF 7.5 MINUTE U.S.G.S TOPOGRAPHIC QUADRANGLE MAP AND GROUND SURVEY DATA.



0 250' 500' 750' 1000'
APPROXIMATE SCALE IN FEET

NO.	BY	DATE	REVISION	APP'D
3				
2				
1				

PROJ: **FORMER TECUMSEH PRODUCTS SITE TECUMSEH, MICHIGAN**

TITLE: **SITE LAYOUT AND SAMPLE LOCATIONS**

DRAWN BY: DGS	SCALE: AS INDICATED	PROJ. NO. 004308.0001.01	
CHECKED BY: SEM		FILE NO. 004308.0001.01.01.dwg	
APPROVED BY: GC	DATE PRINTED:	FIGURE 1	
DATE: JULY 2015			

TRC
1540 Eisenhower Place
Ann Arbor, MI 48108
Phone: 734.971.7080
Fax: 734.971.9022

PLOT DATA
Drawing Name: J:_TRC\Tecumseh Products\Tecumseh MI\004308\0001\01_SITE 2\Ind\004308.0001.01.dwg
Drawing Number: 004308.0001.01.01
Drawing File Name: STEIN2_DRAWN
Layout: FIGURE 1
Dwg Size: 1188 kb
Plot Date: July 14, 2015
Plot Time: 4:28 PM
Attached Xref's: tecr0701 (Filed)
Attached Images: TOL2_High_1 ; VOCs
Layout: FIGURE 1 Site Layout & Samples

Attachment 1
Laboratory Analytical Data

H&P Mobile Geochemistry Inc.

16 April 2015

Ms. Stacy Metz
TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108

H&P Project: TRC040615-11
Client Project: 004308.0001 Phase 1 / Tecumseh, MI

Dear Ms. Stacy Metz:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 06-Apr-15 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Janis Villarreal

Janis Villarreal
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP, the National Environmental Laboratory Accreditation Conference (NELAC) and the Department of Defense Accreditation Programs.

H&P Mobile
Geochemistry Inc.

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Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

TRC Solutions - MI	Project:	TRC040615-11	
1540 Eisenhower Place	Project Number:	004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager:	Ms. Stacy Metz	16-Apr-15 13:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SG-05	E504030-01	Vapor	30-Mar-15	06-Apr-15
SG-06	E504030-02	Vapor	30-Mar-15	06-Apr-15
TVP-02	E504030-03	Vapor	30-Mar-15	06-Apr-15
DUP-01	E504030-04	Vapor	30-Mar-15	06-Apr-15
SG-07	E504030-05	Vapor	30-Mar-15	06-Apr-15
SG-12R	E504030-07	Vapor	31-Mar-15	06-Apr-15
SG-17	E504030-08	Vapor	31-Mar-15	06-Apr-15
SG-16	E504030-09	Vapor	31-Mar-15	06-Apr-15
SG-18	E504030-10	Vapor	31-Mar-15	06-Apr-15
SG-10	E504030-11	Vapor	31-Mar-15	06-Apr-15
SG-11	E504030-12	Vapor	31-Mar-15	06-Apr-15
SG-15R	E504030-13	Vapor	31-Mar-15	06-Apr-15
SG-13	E504030-14	Vapor	31-Mar-15	06-Apr-15
SG-19	E504030-15	Vapor	31-Mar-15	06-Apr-15
SG-20	E504030-16	Vapor	31-Mar-15	06-Apr-15
DUP-02	E504030-17	Vapor	31-Mar-15	06-Apr-15
SG-21	E504030-18	Vapor	31-Mar-15	06-Apr-15
SG-14R #2	E504030-19	Vapor	01-Apr-15	06-Apr-15
SG-04	E504030-20	Vapor	01-Apr-15	06-Apr-15
SG-08	E504030-21	Vapor	01-Apr-15	06-Apr-15
SG-09	E504030-22	Vapor	01-Apr-15	06-Apr-15
SG-02	E504030-23	Vapor	01-Apr-15	06-Apr-15
SG-03R	E504030-24	Vapor	01-Apr-15	06-Apr-15
SG-01	E504030-25	Vapor	01-Apr-15	06-Apr-15

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TRC Solutions - MI	Project: TRC040615-11	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	16-Apr-15 13:45

DETECTIONS SUMMARY

Sample ID: **SG-05** Laboratory ID: **E504030-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**1.8**	1.0	ppbv	EPA TO-15	
Trichloroethene	**2.5**	1.0	ppbv	EPA TO-15	

Sample ID: **SG-06** Laboratory ID: **E504030-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**1.6**	1.0	ppbv	EPA TO-15	

Sample ID: **TVP-02** Laboratory ID: **E504030-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **DUP-01** Laboratory ID: **E504030-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SG-07** Laboratory ID: **E504030-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
cis-1,2-Dichloroethene	**1.3**	1.0	ppbv	EPA TO-15	
1,1,1-Trichloroethane	**2.4**	1.0	ppbv	EPA TO-15	
Trichloroethene	**110**	1.0	ppbv	EPA TO-15	
Tetrachloroethene	**47**	1.0	ppbv	EPA TO-15	

Sample ID: **SG-12R** Laboratory ID: **E504030-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**410000**	3600	ppbv	EPA TO-15	E

Sample ID: **SG-17** Laboratory ID: **E504030-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**260000**	3600	ppbv	EPA TO-15	E
1,1,1-Trichloroethane	**71**	1.0	ppbv	EPA TO-15	

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TRC Solutions - MI	Project: TRC040615-11	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	16-Apr-15 13:45

Sample ID: **SG-16** Laboratory ID: **E504030-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**1.2**	1.0	ppbv	EPA TO-15	

Sample ID: **SG-18** Laboratory ID: **E504030-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SG-10** Laboratory ID: **E504030-11**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SG-11** Laboratory ID: **E504030-12**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SG-15R** Laboratory ID: **E504030-13**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**18000**	3600	ppbv	EPA TO-15	

Sample ID: **SG-13** Laboratory ID: **E504030-14**

Analyte	Result	Reporting Limit	Units	Method	Notes
trans-1,2-Dichloroethene	**2.5**	2.0	ppbv	EPA TO-15	

Sample ID: **SG-19** Laboratory ID: **E504030-15**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**18000**	3600	ppbv	EPA TO-15	

Sample ID: **SG-20** Laboratory ID: **E504030-16**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**130000**	3600	ppbv	EPA TO-15	E
Trichloroethene	**7.1**	1.0	ppbv	EPA TO-15	
Tetrachloroethene	**3.4**	1.0	ppbv	EPA TO-15	

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TRC Solutions - MI	Project: TRC040615-11	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	16-Apr-15 13:45

Sample ID: **DUP-02** Laboratory ID: **E504030-17**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**130000**	3600	ppbv	EPA TO-15	E
Trichloroethene	**7.1**	1.0	ppbv	EPA TO-15	
Tetrachloroethene	**4.1**	1.0	ppbv	EPA TO-15	

Sample ID: **SG-21** Laboratory ID: **E504030-18**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SG-14R #2** Laboratory ID: **E504030-19**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**1900000**	3600	ppbv	EPA TO-15	E

Sample ID: **SG-04** Laboratory ID: **E504030-20**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**1700000**	3600	ppbv	EPA TO-15	E

Sample ID: **SG-08** Laboratory ID: **E504030-21**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SG-09** Laboratory ID: **E504030-22**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**71000**	3600	ppbv	EPA TO-15	E
1,1,1-Trichloroethane	**4.0**	1.0	ppbv	EPA TO-15	
Trichloroethene	**21**	1.0	ppbv	EPA TO-15	

Sample ID: **SG-02** Laboratory ID: **E504030-23**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**510000**	3600	ppbv	EPA TO-15	E
1,1-Dichloroethene	**1.5**	1.0	ppbv	EPA TO-15	
trans-1,2-Dichloroethene	**2.9**	2.0	ppbv	EPA TO-15	
cis-1,2-Dichloroethene	**4.5**	1.0	ppbv	EPA TO-15	
1,1,1-Trichloroethane	**59**	1.0	ppbv	EPA TO-15	

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TRC Solutions - MI	Project: TRC040615-11	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	16-Apr-15 13:45

Sample ID: **SG-02** Laboratory ID: **E504030-23**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**460**	1.0	ppbv	EPA TO-15	
Tetrachloroethene	**400**	1.0	ppbv	EPA TO-15	

Sample ID: **SG-03R** Laboratory ID: **E504030-24**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**25000**	3600	ppbv	EPA TO-15	
Trichloroethene	**1.7**	1.0	ppbv	EPA TO-15	

Sample ID: **SG-01** Laboratory ID: **E504030-25**

Analyte	Result	Reporting Limit	Units	Method	Notes
cis-1,2-Dichloroethene	**1.1**	1.0	ppbv	EPA TO-15	
1,1,1-Trichloroethane	**160**	1.0	ppbv	EPA TO-15	
Trichloroethene	**150**	1.0	ppbv	EPA TO-15	
Tetrachloroethene	**1.7**	1.0	ppbv	EPA TO-15	

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TRC Solutions - MI	Project: TRC040615-11	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	16-Apr-15 13:45

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-05 (E504030-01) Vapor Sampled: 30-Mar-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	ED50806	08-Apr-15	08-Apr-15	EPA TO-15	A
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	**1.8**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**2.5**	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*76-134*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*105 %*	*78-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*95.6 %*	*77-127*		*"*	*"*	*"*	*"*	
SG-06 (E504030-02) Vapor Sampled: 30-Mar-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	ED50806	08-Apr-15	08-Apr-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**1.6**	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*76-134*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*106 %*	*78-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*93.2 %*	*77-127*		*"*	*"*	*"*	*"*	

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TRC Solutions - MI	Project: TRC040615-11	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	16-Apr-15 13:45

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
TVP-02 (E504030-03) Vapor Sampled: 30-Mar-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	ED50806	08-Apr-15	08-Apr-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.6 %*	*77-127*		"	"	"	"	
DUP-01 (E504030-04) Vapor Sampled: 30-Mar-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	ED50806	08-Apr-15	08-Apr-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.9 %*	*77-127*		"	"	"	"	

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TRC Solutions - MI	Project: TRC040615-11	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	16-Apr-15 13:45

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-07 (E504030-05) Vapor Sampled: 30-Mar-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	ED50806	08-Apr-15	08-Apr-15	EPA TO-15	A
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**1.3**	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	**2.4**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**110**	1.0	"	"	"	"	"	"	
Tetrachloroethene	**47**	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*76-134*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*105 %*	*78-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*92.5 %*	*77-127*		*"*	*"*	*"*	*"*	
SG-12R (E504030-07) Vapor Sampled: 31-Mar-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	**410000**	3600	ppbv	100	ED50806	08-Apr-15	09-Apr-15	EPA TO-15	E
Vinyl chloride	ND	1.0	"	1	"	"	08-Apr-15	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*76-134*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*104 %*	*78-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*94.8 %*	*77-127*		*"*	*"*	*"*	*"*	

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TRC Solutions - MI	Project: TRC040615-11	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	16-Apr-15 13:45

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-17 (E504030-08) Vapor Sampled: 31-Mar-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	**260000**	3600	ppbv	100	ED50806	08-Apr-15	09-Apr-15	EPA TO-15	E
Vinyl chloride	ND	1.0	"	1	"	"	08-Apr-15	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	**71**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.4 %*	*77-127*		"	"	"	"	
SG-16 (E504030-09) Vapor Sampled: 31-Mar-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	ED50806	08-Apr-15	08-Apr-15	EPA TO-15	A
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**1.2**	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.0 %*	*77-127*		"	"	"	"	

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1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	16-Apr-15 13:45

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-18 (E504030-10) Vapor Sampled: 31-Mar-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	ED50806	08-Apr-15	08-Apr-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.5 %*	*77-127*		"	"	"	"	
SG-10 (E504030-11) Vapor Sampled: 31-Mar-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	ED50806	08-Apr-15	08-Apr-15	EPA TO-15	A
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.9 %*	*77-127*		"	"	"	"	

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1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	16-Apr-15 13:45

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-11 (E504030-12) Vapor Sampled: 31-Mar-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	ED50806	08-Apr-15	09-Apr-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.4 %*	*77-127*		"	"	"	"	
SG-15R (E504030-13) Vapor Sampled: 31-Mar-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	**18000**	3600	ppbv	100	ED50806	08-Apr-15	10-Apr-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	1	"	"	09-Apr-15	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.9 %*	*77-127*		"	"	"	"	

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1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	16-Apr-15 13:45

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-13 (E504030-14) Vapor Sampled: 31-Mar-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	ED50806	08-Apr-15	09-Apr-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**2.5**	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.4 %*	*77-127*		"	"	"	"	
SG-19 (E504030-15) Vapor Sampled: 31-Mar-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	**18000**	3600	ppbv	100	ED50806	08-Apr-15	10-Apr-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	1	"	"	09-Apr-15	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.7 %*	*77-127*		"	"	"	"	

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Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-20 (E504030-16) Vapor Sampled: 31-Mar-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	**130000**	3600	ppbv	100	ED50806	08-Apr-15	10-Apr-15	EPA TO-15	E
Vinyl chloride	ND	1.0	"	1	"	"	09-Apr-15	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**7.1**	1.0	"	"	"	"	"	"	
Tetrachloroethene	**3.4**	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.3 %*	*77-127*		"	"	"	"	
DUP-02 (E504030-17) Vapor Sampled: 31-Mar-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	**130000**	3600	ppbv	100	ED50806	08-Apr-15	10-Apr-15	EPA TO-15	E
Vinyl chloride	ND	1.0	"	1	"	"	09-Apr-15	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**7.1**	1.0	"	"	"	"	"	"	
Tetrachloroethene	**4.1**	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.1 %*	*77-127*		"	"	"	"	

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TRC Solutions - MI	Project: TRC040615-11	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	16-Apr-15 13:45

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-21 (E504030-18) Vapor Sampled: 31-Mar-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	ED50806	08-Apr-15	09-Apr-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.3 %*	*77-127*		"	"	"	"	
SG-14R #2 (E504030-19) Vapor Sampled: 01-Apr-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	**1900000**	3600	ppbv	400	ED51007	09-Apr-15	10-Apr-15	EPA TO-15	E
Vinyl chloride	ND	5.0	"	5	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84.9 %*	*77-127*		"	"	"	"	

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TRC Solutions - MI	Project: TRC040615-11	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	16-Apr-15 13:45

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-04 (E504030-20) Vapor Sampled: 01-Apr-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	**1700000**	3600	ppbv	400	ED51007	09-Apr-15	10-Apr-15	EPA TO-15	E
Vinyl chloride	ND	1.0	"	1	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*92.6 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.5 %*		*77-127*	"	"	"	"	
SG-08 (E504030-21) Vapor Sampled: 01-Apr-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	ED51007	09-Apr-15	10-Apr-15	EPA TO-15	A
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*110 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*106 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.6 %*		*77-127*	"	"	"	"	

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TRC Solutions - MI	Project: TRC040615-11	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	16-Apr-15 13:45

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-09 (E504030-22) Vapor Sampled: 01-Apr-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	**71000**	3600	ppbv	100	ED51007	09-Apr-15	10-Apr-15	EPA TO-15	E
Vinyl chloride	ND	1.0	"	1	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	**4.0**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**21**	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.7 %*	*77-127*		"	"	"	"	
SG-02 (E504030-23) Vapor Sampled: 01-Apr-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	**510000**	3600	ppbv	100	ED51007	09-Apr-15	10-Apr-15	EPA TO-15	E
Vinyl chloride	ND	1.0	"	1	"	"	"	"	
1,1-Dichloroethene	**1.5**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**2.9**	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**4.5**	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	**59**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**460**	1.0	"	"	"	"	"	"	
Tetrachloroethene	**400**	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.2 %*	*77-127*		"	"	"	"	

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1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	16-Apr-15 13:45

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-03R (E504030-24) Vapor Sampled: 01-Apr-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	**25000**	3600	ppbv	100	ED51007	09-Apr-15	10-Apr-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	1	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**1.7**	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.2 %*	*77-127*		"	"	"	"	
SG-01 (E504030-25) Vapor Sampled: 01-Apr-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	ED51007	09-Apr-15	10-Apr-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**1.1**	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	**160**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**150**	1.0	"	"	"	"	"	"	
Tetrachloroethene	**1.7**	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.1 %*	*77-127*		"	"	"	"	

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1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	16-Apr-15 13:45

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch ED50806 - TO-15										
Blank (ED50806-BLK1)				Prepared & Analyzed: 08-Apr-15						
1,1-Difluoroethane (LCC)	ND	3600	ppbv							
Vinyl chloride	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	2.0	"							
1,1-Dichloroethane	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
1,2-Dichloroethane (EDC)	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	*49.3*		*"*	*50.2*		*98.3*	*76-134*			
Surrogate: Toluene-d8	*50.6*		*"*	*49.8*		*102*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*48.2*		*"*	*50.2*		*96.0*	*77-127*			
LCS (ED50806-BS1)				Prepared & Analyzed: 08-Apr-15						
Vinyl chloride	24	1.0	ppbv	20.1		120	70-130			
1,1-Dichloroethene	16	1.0	"	20.1		81.0	70-130			
trans-1,2-Dichloroethene	15	2.0	"	20.1		75.6	70-130			
1,1-Dichloroethane	16	1.0	"	20.1		80.2	70-130			
cis-1,2-Dichloroethene	16	1.0	"	19.9		81.2	70-130			
1,1,1-Trichloroethane	16	1.0	"	20.2		79.4	70-130			
1,2-Dichloroethane (EDC)	17	1.0	"	20.1		84.9	70-130			
Trichloroethene	17	1.0	"	20.1		86.9	70-130			
Tetrachloroethene	17	1.0	"	20.0		85.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	*48.5*		*"*	*50.2*		*96.7*	*76-134*			
Surrogate: Toluene-d8	*51.2*		*"*	*49.8*		*103*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*54.4*		*"*	*50.2*		*108*	*77-127*			

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1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	16-Apr-15 13:45

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch ED50806 - TO-15										
LCS Dup (ED50806-BSD1)				Prepared & Analyzed: 08-Apr-15						
Vinyl chloride	23	1.0	ppbv	20.1		117	70-130	3.15	25	
1,1-Dichloroethene	16	1.0	"	20.1		79.2	70-130	2.24	25	
trans-1,2-Dichloroethene	15	2.0	"	20.1		75.5	70-130	0.132	25	
1,1-Dichloroethane	16	1.0	"	20.1		80.5	70-130	0.434	25	
cis-1,2-Dichloroethene	16	1.0	"	19.9		79.4	70-130	2.19	25	
1,1,1-Trichloroethane	16	1.0	"	20.2		78.8	70-130	0.753	25	
1,2-Dichloroethane (EDC)	17	1.0	"	20.1		83.6	70-130	1.60	25	
Trichloroethene	17	1.0	"	20.1		86.9	70-130	0.00	25	
Tetrachloroethene	18	1.0	"	20.0		87.3	70-130	2.08	25	
Surrogate: 1,2-Dichloroethane-d4	*49.0*		*"*	*50.2*		*97.6*	*76-134*			
Surrogate: Toluene-d8	*51.6*		*"*	*49.8*		*104*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*53.8*		*"*	*50.2*		*107*	*77-127*			
Batch ED51007 - TO-15										
Blank (ED51007-BLK1)				Prepared & Analyzed: 09-Apr-15						
1,1-Difluoroethane (LCC)	ND	3600	ppbv							
Vinyl chloride	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	2.0	"							
1,1-Dichloroethane	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
1,2-Dichloroethane (EDC)	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.2*		*101*	*76-134*			
Surrogate: Toluene-d8	*51.1*		*"*	*49.8*		*103*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*46.3*		*"*	*50.2*		*92.1*	*77-127*			

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1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	16-Apr-15 13:45

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch ED51007 - TO-15										
LCS (ED51007-BS1)				Prepared & Analyzed: 09-Apr-15						
Vinyl chloride	22	1.0	ppbv	20.1		111	70-130			
1,1-Dichloroethene	16	1.0	"	20.1		79.9	70-130			
trans-1,2-Dichloroethene	15	2.0	"	20.1		74.8	70-130			
1,1-Dichloroethane	16	1.0	"	20.1		80.3	70-130			
cis-1,2-Dichloroethene	16	1.0	"	19.9		80.0	70-130			
1,1,1-Trichloroethane	16	1.0	"	20.2		79.5	70-130			
1,2-Dichloroethane (EDC)	17	1.0	"	20.1		84.0	70-130			
Trichloroethene	17	1.0	"	20.1		82.8	70-130			
Tetrachloroethene	16	1.0	"	20.0		80.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	*50.1*		*"*	*50.2*		*99.9*	*76-134*			
Surrogate: Toluene-d8	*51.0*		*"*	*49.8*		*102*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*52.3*		*"*	*50.2*		*104*	*77-127*			
LCS Dup (ED51007-BSD1)				Prepared & Analyzed: 09-Apr-15						
Vinyl chloride	20	1.0	ppbv	20.1		98.6	70-130	11.4	25	
1,1-Dichloroethene	16	1.0	"	20.1		80.1	70-130	0.187	25	
trans-1,2-Dichloroethene	15	2.0	"	20.1		73.5	70-130	1.74	25	
1,1-Dichloroethane	16	1.0	"	20.1		78.1	70-130	2.71	25	
cis-1,2-Dichloroethene	16	1.0	"	19.9		80.3	70-130	0.377	25	
1,1,1-Trichloroethane	16	1.0	"	20.2		80.1	70-130	0.808	25	
1,2-Dichloroethane (EDC)	16	1.0	"	20.1		81.9	70-130	2.52	25	
Trichloroethene	17	1.0	"	20.1		84.9	70-130	2.49	25	
Tetrachloroethene	17	1.0	"	20.0		83.0	70-130	2.68	25	
Surrogate: 1,2-Dichloroethane-d4	*49.2*		*"*	*50.2*		*98.2*	*76-134*			
Surrogate: Toluene-d8	*50.8*		*"*	*49.8*		*102*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*53.3*		*"*	*50.2*		*106*	*77-127*			

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1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	16-Apr-15 13:45

Notes and Definitions

E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
A	The result exceeds the linear range of the calibration but is less than the reporting limit.
LCC	Leak Check Compound
ND	Analyte NOT DETECTED at or above the reporting limit
MDL	Method Detection Limit
%REC	Percent Recovery
RPD	Relative Percent Difference

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP and the ISO 17025 programs, certification number L11-175.

H&P is approved by the State of Arizona as an Environmental Testing Laboratory and Mobile Laboratory, certification numbers AZM758 and AZ0779.

H&P is approved by the State of California as an Environmental Laboratory and Mobile Laboratory in conformance with the Environmental Laboratory Accreditation Program (ELAP) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste, certification numbers 2740, 2741, 2743, 2744, 2745, 2754 & 2930.

H&P is approved by the State of Florida Department of Health under the National Environmental Laboratory Accreditation Conference (NELAC) certification number E871100.

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpmg.com/about/certifications.

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VAPOR / AIR Chain of Custody

DATE: 4/2/15

Lab Client and Project Information

Lab Client/Consultant:	TRC Solutions	Project Name / #:	004308.0001 Phase 1
Lab Client Project Manager:	Stacy Metz	Project Location:	Tecumseh, MI
Lab Client Address:	1540 Eisenhower Pl	Report E-Mail(s):	rsortor@trcsolutions.com
Lab Client City, State, Zip:	Ann Arbor, MI 48108		smetz@trcsolutions.com
Phone Number:	734-585-7825		

Sample Receipt (Lab Use Only)

Date Rec'd: 4/6/15	Control #: 150240.01
H&P Project # TRC040615-11	
Lab Work Order # E504030	
Sample Intact: ☒ Yes ☐ No ☒ See Notes Below	
Receipt Gauge ID: 11167	Temp: 21°C
Outside Lab:	
Receipt Notes/Tracking #: 7732 8403 1973 7732 8403 2318 INCORRECT - vacuum is 0.71"	~~SUMMA #430 RECD WITH 27" VAC. NO SAMPLE.~~ Lab PM Initials: SN

Reporting Requirements	Turnaround Time	Sampler Information
☐ Standard Report ☐ Level III ☒ Level IV	☒ 5-7 day Stnd ☐ 24-Hr Rush	Sampler(s): Rachel N Sortor
☒ Excel EDD ☐ Other EDD:	☐ 3-day Rush ☐ Mobile Lab	Signature: Rachel N. Sortor
☐ CA Geotracker Global ID:	☐ 48-Hr Rush ☐ Other:	Date: 4/2/15

Additional Instructions to Laboratory:

☒ Check if Project Analyte List is Included:

* Preferred VOC units (please choose one):

☐ µg/L ☐ µg/m³ ☒ ppbv ☐ ppmv

Purchase Order #54219 ⊛ HOLD PENDING PRELIM DATA

Project Analyte List: PCE, TCE, 1,1-DCE, 1,2-cis-DCE, 1,2-trans-DCE, vinyl chloride, 1,1,1-TCA, 1,1-DCA, 1,2-DCA and the tracer 1,1-DFA

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2	VOCs Per Additional Instructions ☐ 8260SV ☒ TO-15		
SG-05	NA	3/30/15	1639-1654	SV	1L Summa	411	-.72								X			X		
SG-06			1706-1722			424	-.55													
TVP-02			1716-1729			1916	-.10													
DUP-01			XXXX			197	.43													
SG-07			1745-1823			172	.41													
SG-14R ⊛ HOLD		3/31/15	0949-1017			426	.86													
SG-12R			1012-1142			427	-.55													
SG-17			1044-1055			443	.93													
SG-16			1254-1310			393	.57													
SG-18			1326-1342			198	.76													

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Rachel N. Sortor	TRC	4/2/15	1505	Fed Ex		4/2/15	1505
	FedEx			Jori Unsworth	H&P	4/6/15	1030

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

Rev 12/31/2013

⊛ HOLD PENDING PRELIMINARY DATA

H&P Mobile Geochemistry Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 4/2/15
Page 2 of 3

Lab Client and Project Information

Lab Client/Consultant:	TRC Solutions	Project Name / #:	004308.0001 Phase 1
Lab Client Project Manager:	Stacy Metz	Project Location:	Tecumseh, MI
Lab Client Address:	1540 Eisenhower Pl	Report E-Mail(s):	rsortor@trcsolutions.com
Lab Client City, State, Zip:	Ann Arbor, MI 48108		smetz@trcsolutions.com
Phone Number:	734-585-7825		

Sample Receipt (Lab Use Only)

Date Rec'd: 4/6/15	Control #: 150240.01
H&P Project #: TRC040615-11	
Lab Work Order #: E504030	
Sample Intact: ☒ Yes ☐ No ☒ See Notes Below	
Receipt Gauge ID: 11167	Temp: 21°c
Outside Lab:	
Receipt Notes/Tracking #: 773284031973 773284032318 SEE PGT.	
Lab PM Initials: SN	

Reporting Requirements

☐ Standard Report ☐ Level III ☒ Level IV
☒ Excel EDD ☐ Other EDD:
☐ CA Geotracker Global ID:

Turnaround Time

☒ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☐ Mobile Lab
☐ 48-Hr Rush ☐ Other:

Sampler Information

Sampler(s): Rachel N. Sortor
Signature: Rachel N. Sortor
Date: 4/2/15

Additional Instructions to Laboratory:
☒ Check if Project Analyte List is included:
* Preferred VOC units (please choose one):
☐ µg/L ☐ µg/m³ ☒ ppbv ☐ ppmv

Purchase Order #54219

Project Analyte List: PCE, TCE, 1,1-DCE, 1,2-cis-DCE, 1,2-trans-DCE, vinyl chloride, 1,1,1-TCA, 1,1-DCA, 1,2-DCA and the tracer 1,1-DFA

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2	VOCs Per Additional Instructions ☐ 8260SV ☒ TO-15		
SG-10	NA	3/31/15	1339-1353	SV	1L Summa	435	.57								X			X		
SG-11			1510-1519			422	.07													
SG-15R			1550-1610		ZK 4/7	430	0.71	~~27.49~~ NO SAMPLE IN SUMMA - SN 4/9/15												
SG-13			1637-1655			417	.39													
SG-19			1653-1712			271	.17													
SG-20			1730-1801			414	.37													
DUP-02			XXXX			439	.29													
SG-21			1741-1754			418	.27													
SG-14R #2		4/1/15	0948-1000			442	-2.06													
SG-04			1001-1024			177	-.94													

OK TO PROCEED WITH ANALYSIS SN 4/7/15

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Rachel N. Sortor	TRC	4/2/15	1505	Fed Ex		4/2/15	1505
	FedEx			Joe Unsworth	H&P	4/6/15	1030

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

Rev 12/31/2013

H&P Mobile Geochemistry Inc.
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& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 4/2/15

Lab Client and Project Information

Lab Client/Consultant:	TRC Solutions	Project Name / #:	004308.0001 Phase 1
Lab Client Project Manager:	Stacy Metz	Project Location:	Tecumseh, MI
Lab Client Address:	1540 Eisenhower Pl	Report E-Mail(s):	rsortor@trcsolutions.com
Lab Client City, State, Zip:	Ann Arbor, MI 48108		smetz@trcsolutions.com
Phone Number:	734-585-7825		

Sample Receipt (Lab Use Only)

Date Rec'd: 4/6/15	Control #: 150240.01
H&P Project # TRC040615-11	
Lab Work Order # E504030	
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID: 11167	Temp: 21°C
Outside Lab:	
Receipt Notes/Tracking #: 1973 2318	
Lab PM Initials: SN	

Reporting Requirements

☐ Standard Report ☐ Level III ☒ Level IV
☒ Excel EDD ☐ Other EDD:
☐ CA Geotracker Global ID:

Turnaround Time

☒ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☐ Mobile Lab
☐ 48-Hr Rush ☐ Other:

Sampler Information

Sampler(s): Rachel N Sorter
Signature: Rachel N. Sorter
Date: 4/2/15

Additional Instructions to Laboratory:

☒ Check if Project Analyte List is included:

** Preferred VOC units (please choose one):*

☐ µg/L ☐ µg/m³ ☒ ppbv ☐ ppmv

Purchase Order #54219

Project Analyte List: PCE, TCE, 1,1-DCE, 1,2-cis-DCE, 1,2-trans-DCE, vinyl chloride, 1,1,1-TCA, 1,1-DCA, 1,2-DCA and the tracer 1,1-DFA

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2	VOCs Per Additional Instructions ☐ 8260SV ☒ TO-15		
SG-08	NA	4/1/15	1019-1023	SV	1L Summa	181	-.02								X			X		
SG-09			1043-1100			403	-.23													
SG-02			1115-1126			423	-.85													
SG-03R			1126-1137			431	-.76													
SG-01			1203-1216			359	-.81													

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Rachel N. Sorter	TRC	4/2/15	1505	Fed Ex		4/2/15	1505
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
	FedEX			Jori Illingworth	H&P	4/6/15	1030
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

H&P Mobile Geochemistry Inc.

17 April 2015

Ms. Stacy Metz
TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108

H&P Project: TRC040615-10
Client Project: 225314 / Tecumseh, MI

Dear Ms. Stacy Metz:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 06-Apr-15 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Janis Villarreal

Janis Villarreal
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP, the National Environmental Laboratory Accreditation Conference (NELAC) and the Department of Defense Accreditation Programs.

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

TRC Solutions - MI	Project:	TRC040615-10	
1540 Eisenhower Place	Project Number:	225314 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager:	Ms. Stacy Metz	17-Apr-15 11:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MHC-01	E504029-01	Vapor	30-Mar-15	06-Apr-15
SG-25	E504029-02	Vapor	30-Mar-15	06-Apr-15
SG-22	E504029-03	Vapor	30-Mar-15	06-Apr-15
SG-23	E504029-04	Vapor	30-Mar-15	06-Apr-15
SG-24	E504029-05	Vapor	30-Mar-15	06-Apr-15

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Carlsbad, CA 92010
760-804-9678 Phone
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TRC Solutions - MI	Project: TRC040615-10	
1540 Eisenhower Place	Project Number: 225314 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	17-Apr-15 11:28

DETECTIONS SUMMARY

Sample ID: **MHC-01** Laboratory ID: **E504029-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethane	**2.2**	1.0	ppbv	EPA TO-15	
1,1,1-Trichloroethane	**96**	1.0	ppbv	EPA TO-15	
Trichloroethene	**44**	1.0	ppbv	EPA TO-15	

Sample ID: **SG-25** Laboratory ID: **E504029-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**8.5**	1.0	ppbv	EPA TO-15	
Trichloroethene	**4.9**	1.0	ppbv	EPA TO-15	

Sample ID: **SG-22** Laboratory ID: **E504029-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethane	**63**	20	ppbv	EPA TO-15	
1,1,1-Trichloroethane	**2800**	20	ppbv	EPA TO-15	
Trichloroethene	**2300**	20	ppbv	EPA TO-15	
Tetrachloroethene	**100**	20	ppbv	EPA TO-15	

Sample ID: **SG-23** Laboratory ID: **E504029-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SG-24** Laboratory ID: **E504029-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**1100000**	3600	ppbv	EPA TO-15	E

H&P Mobile
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TRC Solutions - MI	Project: TRC040615-10	
1540 Eisenhower Place	Project Number: 225314 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	17-Apr-15 11:28

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
MHC-01 (E504029-01) Vapor Sampled: 30-Mar-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	ED51408	14-Apr-15	14-Apr-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	**2.2**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	**96**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**44**	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*107 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*114 %*	*77-127*		"	"	"	"	
SG-25 (E504029-02) Vapor Sampled: 30-Mar-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	ED51408	14-Apr-15	14-Apr-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	**8.5**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**4.9**	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*112 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*77-127*		"	"	"	"	

H&P Mobile
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TRC Solutions - MI	Project: TRC040615-10	
1540 Eisenhower Place	Project Number: 225314 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	17-Apr-15 11:28

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-22 (E504029-03) Vapor Sampled: 30-Mar-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	20	ED51408	14-Apr-15	14-Apr-15	EPA TO-15	
Vinyl chloride	ND	20	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	**63**	20	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,1-Trichloroethane	**2800**	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Trichloroethene	**2300**	20	"	"	"	"	"	"	
Tetrachloroethene	**100**	20	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*111 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*80.9 %*	*77-127*		"	"	"	"	
SG-23 (E504029-04) Vapor Sampled: 30-Mar-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	ED51408	14-Apr-15	14-Apr-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*108 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*124 %*	*77-127*		"	"	"	"	

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760-804-9678 Phone
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TRC Solutions - MI	Project: TRC040615-10	
1540 Eisenhower Place	Project Number: 225314 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	17-Apr-15 11:28

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-24 (E504029-05) Vapor Sampled: 30-Mar-15 Received: 06-Apr-15									
1,1-Difluoroethane (LCC)	**1100000**	3600	ppbv	400	ED51408	14-Apr-15	14-Apr-15	EPA TO-15	E
Vinyl chloride	ND	1.0	"	1	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*103 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*85.6 %*		*77-127*	"	"	"	"	

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TRC Solutions - MI	Project: TRC040615-10	
1540 Eisenhower Place	Project Number: 225314 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	17-Apr-15 11:28

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch ED51408 - TO-15										
Blank (ED51408-BLK1)				Prepared & Analyzed: 14-Apr-15						
1,1-Difluoroethane (LCC)	ND	3600	ppbv							
Vinyl chloride	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	2.0	"							
1,1-Dichloroethane	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
1,2-Dichloroethane (EDC)	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	*50.2*		*"*	*50.2*		*100*	*76-134*			
Surrogate: Toluene-d8	*48.2*		*"*	*49.8*		*96.8*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*52.0*		*"*	*50.2*		*104*	*77-127*			
LCS (ED51408-BS1)				Prepared & Analyzed: 14-Apr-15						
Vinyl chloride	19	1.0	ppbv	20.1		95.6	70-130			
1,1-Dichloroethene	19	1.0	"	20.1		95.9	70-130			
trans-1,2-Dichloroethene	18	2.0	"	20.1		90.8	70-130			
1,1-Dichloroethane	22	1.0	"	20.1		109	70-130			
cis-1,2-Dichloroethene	20	1.0	"	19.9		102	70-130			
1,1,1-Trichloroethane	24	1.0	"	20.2		121	70-130			
1,2-Dichloroethane (EDC)	24	1.0	"	20.1		117	70-130			
Trichloroethene	21	1.0	"	20.1		105	70-130			
Tetrachloroethene	20	1.0	"	20.0		98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	*58.9*		*"*	*50.2*		*117*	*76-134*			
Surrogate: Toluene-d8	*48.8*		*"*	*49.8*		*97.9*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*42.1*		*"*	*50.2*		*83.8*	*77-127*			

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Geochemistry Inc.

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TRC Solutions - MI	Project: TRC040615-10	
1540 Eisenhower Place	Project Number: 225314 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	17-Apr-15 11:28

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch ED51408 - TO-15										
LCS Dup (ED51408-BSD1)				Prepared & Analyzed: 14-Apr-15						
Vinyl chloride	18	1.0	ppbv	20.1		88.3	70-130	8.00	25	
1,1-Dichloroethene	19	1.0	"	20.1		95.2	70-130	0.750	25	
trans-1,2-Dichloroethene	18	2.0	"	20.1		90.6	70-130	0.236	25	
1,1-Dichloroethane	18	1.0	"	20.1		89.4	70-130	19.8	25	
cis-1,2-Dichloroethene	19	1.0	"	19.9		93.6	70-130	8.19	25	
1,1,1-Trichloroethane	22	1.0	"	20.2		107	70-130	12.2	25	
1,2-Dichloroethane (EDC)	20	1.0	"	20.1		101	70-130	14.8	25	
Trichloroethene	20	1.0	"	20.1		101	70-130	3.60	25	
Tetrachloroethene	21	1.0	"	20.0		106	70-130	6.72	25	
Surrogate: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.2*		*101*	*76-134*			
Surrogate: Toluene-d8	*51.0*		*"*	*49.8*		*102*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*61.0*		*"*	*50.2*		*121*	*77-127*			

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TRC Solutions - MI	Project: TRC040615-10	
1540 Eisenhower Place	Project Number: 225314 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	17-Apr-15 11:28

Notes and Definitions

E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
LCC	Leak Check Compound
ND	Analyte NOT DETECTED at or above the reporting limit
MDL	Method Detection Limit
%REC	Percent Recovery
RPD	Relative Percent Difference

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP and the ISO 17025 programs, certification number L11-175.

H&P is approved by the State of Arizona as an Environmental Testing Laboratory and Mobile Laboratory, certification numbers AZM758 and AZ0779.

H&P is approved by the State of California as an Environmental Laboratory and Mobile Laboratory in conformance with the Environmental Laboratory Accreditation Program (ELAP) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste, certification numbers 2740, 2741, 2743, 2744, 2745, 2754 & 2930.

H&P is approved by the State of Florida Department of Health under the National Environmental Laboratory Accreditation Conference (NELAC) certification number E871100.

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpmg.com/about/certifications.

H&P Mobile Geochemistry Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 4/2/15
Page 1 of 1

Lab Client and Project Information

Lab Client/Consultant:	TRC Solutions	Project Name / #:	225314
Lab Client Project Manager:	Stacy Metz	Project Location:	Tecumseh, MI
Lab Client Address:	1540 Eisenhower Pl	Report E-Mail(s):	rsortor@trcsolutions.com
Lab Client City, State, Zip:	Ann Arbor, MI 48108		smetz@trcsolutions.com
Phone Number:	734-585-7825		

Sample Receipt (Lab Use Only)

Date Rec'd: 4/6/15	Control #: 150241.01
H&P Project # TRC040615-10	
Lab Work Order # ES04029	
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID: 11167	Temp: 21°C
Outside Lab:	
Receipt Notes/Tracking #: 7732 8403 1973	
Lab PM Initials: SN	

Reporting Requirements

☐ Standard Report ☐ Level III ☒ Level IV
☒ Excel EDD ☐ Other EDD:_____
☐ CA Geotracker Global ID:_____

Turnaround Time

☒ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☐ Mobile Lab
☐ 48-Hr Rush ☐ Other:____

Sampler Information

Sampler(s): Rachel N. Sortor
Signature: Rachel N. Sortor
Date: 4/2/15

Additional Instructions to Laboratory:

☒ Check if Project Analyte List is Included:

** Preferred VOC units (please choose one):*

☐ µg/L ☐ µg/m³ ☒ ppbv ☐ ppmv

Purchase Order #73326

Project Analyte List: PCE, TCE, 1,1-DCE, 1,2-cis-DCE, 1,2-trans-DCE, vinyl chloride, 1,1,1-TCA, 1,1-DCA, 1,2-DCA and the tracer 1,1-DFA

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2	VOCs Per Additional Instructions ☐ 8260SV ☒ TO-15		
MHC-01	NA	3/30/15	1115-1132	SV	1L Summa	200	.59								X			X		
SG-25			1211-1237			428	.48													
SG-22			1254-1314			STC08	-.66													
SG-23			1333-1350			311	-1.11													
SG-24			1415-1428			444	-.90													

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Rachel N. Sortor	TRC	4/2/15	1505	Fed Ex		4/2/15	1505
FedEx				Jori Unsworth	H&P	4/6/15	1000

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

Rev 10/21/2014

H&P Mobile Geochemistry Inc.

02 July 2015

Ms. Stacy Metz
TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108

H&P Project: TRC062315-14
Client Project: 004308.0001 Phase 1 / Tecumseh, MI

Dear Ms. Stacy Metz:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 23-Jun-15 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Janis Villarreal

Janis Villarreal
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP, the National Environmental Laboratory Accreditation Conference (NELAC) and the Department of Defense Accreditation Programs.

H&P Mobile
Geochemistry Inc.

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TRC Solutions - MI	Project:	TRC062315-14	
1540 Eisenhower Place	Project Number:	004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager:	Ms. Stacy Metz	02-Jul-15 08:39

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SG-05	E506100-01	Vapor	17-Jun-15	23-Jun-15
SG-06	E506100-02	Vapor	17-Jun-15	23-Jun-15
TVP-02S	E506100-03	Vapor	17-Jun-15	23-Jun-15
SG-07	E506100-04	Vapor	17-Jun-15	23-Jun-15
DUP-01	E506100-05	Vapor	17-Jun-15	23-Jun-15
SG-16	E506100-06	Vapor	17-Jun-15	23-Jun-15
SG-17	E506100-07	Vapor	17-Jun-15	23-Jun-15
SG-18	E506100-08	Vapor	17-Jun-15	23-Jun-15
SG-10	E506100-09	Vapor	17-Jun-15	23-Jun-15
SG-11	E506100-10	Vapor	17-Jun-15	23-Jun-15
SG-15R	E506100-11	Vapor	17-Jun-15	23-Jun-15
SG-13	E506100-12	Vapor	17-Jun-15	23-Jun-15
SG-19	E506100-13	Vapor	17-Jun-15	23-Jun-15
SG-20	E506100-14	Vapor	18-Jun-15	23-Jun-15
SG-21	E506100-15	Vapor	18-Jun-15	23-Jun-15
SG-12R	E506100-16	Vapor	18-Jun-15	23-Jun-15
SG-04	E506100-17	Vapor	18-Jun-15	23-Jun-15
SG-08	E506100-18	Vapor	18-Jun-15	23-Jun-15
SG-09	E506100-19	Vapor	18-Jun-15	23-Jun-15
SG-02	E506100-20	Vapor	18-Jun-15	23-Jun-15
SG-03R	E506100-21	Vapor	18-Jun-15	23-Jun-15
SG-01	E506100-22	Vapor	18-Jun-15	23-Jun-15
DUP-02	E506100-23	Vapor	18-Jun-15	23-Jun-15

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TRC Solutions - MI	Project: TRC062315-14	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	02-Jul-15 08:39

DETECTIONS SUMMARY

Sample ID: **SG-05** Laboratory ID: **E506100-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**2.7**	1.0	ppbv	EPA TO-15	
Trichloroethene	**3.8**	1.0	ppbv	EPA TO-15	

Sample ID: **SG-06** Laboratory ID: **E506100-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**4300**	3600	ppbv	EPA TO-15	E
Trichloroethene	**1.8**	1.0	ppbv	EPA TO-15	
Tetrachloroethene	**2.3**	1.0	ppbv	EPA TO-15	

Sample ID: **TVP-02S** Laboratory ID: **E506100-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
cis-1,2-Dichloroethene	**1.4**	1.0	ppbv	EPA TO-15	
Trichloroethene	**11**	1.0	ppbv	EPA TO-15	

Sample ID: **SG-07** Laboratory ID: **E506100-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**5900**	3600	ppbv	EPA TO-15	E
1,1,1-Trichloroethane	**6.1**	1.0	ppbv	EPA TO-15	
Trichloroethene	**250**	1.0	ppbv	EPA TO-15	
Tetrachloroethene	**140**	1.0	ppbv	EPA TO-15	

Sample ID: **DUP-01** Laboratory ID: **E506100-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**5800**	3600	ppbv	EPA TO-15	E
1,1,1-Trichloroethane	**5.8**	1.0	ppbv	EPA TO-15	
Trichloroethene	**230**	1.0	ppbv	EPA TO-15	
Tetrachloroethene	**130**	1.0	ppbv	EPA TO-15	

Sample ID: **SG-16** Laboratory ID: **E506100-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

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TRC Solutions - MI	Project: TRC062315-14	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	02-Jul-15 08:39

Sample ID: **SG-17** Laboratory ID: **E506100-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**300**	1.0	ppbv	EPA TO-15	
Tetrachloroethene	**3.5**	1.0	ppbv	EPA TO-15	

Sample ID: **SG-18** Laboratory ID: **E506100-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**5900**	3600	ppbv	EPA TO-15	E

Sample ID: **SG-10** Laboratory ID: **E506100-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**3.4**	1.0	ppbv	EPA TO-15	

Sample ID: **SG-11** Laboratory ID: **E506100-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SG-15R** Laboratory ID: **E506100-11**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SG-13** Laboratory ID: **E506100-12**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**6400**	3600	ppbv	EPA TO-15	E
trans-1,2-Dichloroethene	**9.4**	2.0	ppbv	EPA TO-15	
cis-1,2-Dichloroethene	**2.2**	1.0	ppbv	EPA TO-15	

Sample ID: **SG-19** Laboratory ID: **E506100-13**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**8200**	3600	ppbv	EPA TO-15	E
trans-1,2-Dichloroethene	**3.0**	2.0	ppbv	EPA TO-15	

Sample ID: **SG-20** Laboratory ID: **E506100-14**

Analyte	Result	Reporting Limit	Units	Method	Notes

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TRC Solutions - MI	Project: TRC062315-14	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	02-Jul-15 08:39

Sample ID: **SG-20** Laboratory ID: **E506100-14**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**41000**	3600	ppbv	EPA TO-15	E
Trichloroethene	**25**	5.0	ppbv	EPA TO-15	
Tetrachloroethene	**15**	5.0	ppbv	EPA TO-15	

Sample ID: **SG-21** Laboratory ID: **E506100-15**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SG-12R** Laboratory ID: **E506100-16**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**9800**	3600	ppbv	EPA TO-15	E
Trichloroethene	**1.3**	1.0	ppbv	EPA TO-15	

Sample ID: **SG-04** Laboratory ID: **E506100-17**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**12000**	3600	ppbv	EPA TO-15	E

Sample ID: **SG-08** Laboratory ID: **E506100-18**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**5000**	3600	ppbv	EPA TO-15	E
1,1,1-Trichloroethane	**2.7**	1.0	ppbv	EPA TO-15	
Trichloroethene	**1.9**	1.0	ppbv	EPA TO-15	

Sample ID: **SG-09** Laboratory ID: **E506100-19**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**10**	1.0	ppbv	EPA TO-15	
Trichloroethene	**69**	1.0	ppbv	EPA TO-15	

Sample ID: **SG-02** Laboratory ID: **E506100-20**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**170000**	3600	ppbv	EPA TO-15	E
1,1-Dichloroethene	**5.2**	1.0	ppbv	EPA TO-15	
trans-1,2-Dichloroethene	**28**	2.0	ppbv	EPA TO-15	

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TRC Solutions - MI	Project: TRC062315-14	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	02-Jul-15 08:39

Sample ID: **SG-02** Laboratory ID: **E506100-20**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethane	**6.3**	1.0	ppbv	EPA TO-15	
cis-1,2-Dichloroethene	**47**	1.0	ppbv	EPA TO-15	
1,1,1-Trichloroethane	**650**	5.0	ppbv	EPA TO-15	
Trichloroethene	**4000**	100	ppbv	EPA TO-15	
Tetrachloroethene	**1900**	100	ppbv	EPA TO-15	

Sample ID: **SG-03R** Laboratory ID: **E506100-21**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**5200**	3600	ppbv	EPA TO-15	E

Sample ID: **SG-01** Laboratory ID: **E506100-22**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**27**	1.0	ppbv	EPA TO-15	
Trichloroethene	**89**	1.0	ppbv	EPA TO-15	
Tetrachloroethene	**7.2**	1.0	ppbv	EPA TO-15	

Sample ID: **DUP-02** Laboratory ID: **E506100-23**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**29**	1.0	ppbv	EPA TO-15	
Trichloroethene	**95**	1.0	ppbv	EPA TO-15	
Tetrachloroethene	**7.7**	1.0	ppbv	EPA TO-15	

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TRC Solutions - MI	Project: TRC062315-14	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	02-Jul-15 08:39

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-05 (E506100-01) Vapor Sampled: 17-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EF52905	29-Jun-15	29-Jun-15	EPA TO-15	A
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	**2.7**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**3.8**	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.7 %*	*77-127*		"	"	"	"	
SG-06 (E506100-02) Vapor Sampled: 17-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	**4300**	3600	ppbv	1	EF52905	29-Jun-15	29-Jun-15	EPA TO-15	E
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**1.8**	1.0	"	"	"	"	"	"	
Tetrachloroethene	**2.3**	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.0 %*	*77-127*		"	"	"	"	

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TRC Solutions - MI	Project: TRC062315-14	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	02-Jul-15 08:39

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
TVP-02S (E506100-03) Vapor Sampled: 17-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EF52905	29-Jun-15	29-Jun-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**1.4**	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**11**	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.0 %*	*77-127*		"	"	"	"	
SG-07 (E506100-04) Vapor Sampled: 17-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	**5900**	3600	ppbv	1	EF52905	29-Jun-15	29-Jun-15	EPA TO-15	E
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	**6.1**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**250**	1.0	"	"	"	"	"	"	
Tetrachloroethene	**140**	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*98.7 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.7 %*	*77-127*		"	"	"	"	

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TRC Solutions - MI	Project: TRC062315-14	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	02-Jul-15 08:39

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DUP-01 (E506100-05) Vapor Sampled: 17-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	**5800**	3600	ppbv	1	EF52905	29-Jun-15	29-Jun-15	EPA TO-15	E
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	**5.8**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**230**	1.0	"	"	"	"	"	"	
Tetrachloroethene	**130**	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.4 %*	*77-127*		"	"	"	"	
SG-16 (E506100-06) Vapor Sampled: 17-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EF52905	29-Jun-15	29-Jun-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.5 %*	*77-127*		"	"	"	"	

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TRC Solutions - MI	Project: TRC062315-14	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	02-Jul-15 08:39

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-17 (E506100-07) Vapor Sampled: 17-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EF52905	29-Jun-15	29-Jun-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	**300**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**3.5**	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*100 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.0 %*		*77-127*	"	"	"	"	
SG-18 (E506100-08) Vapor Sampled: 17-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	**5900**	3600	ppbv	1	EF52905	29-Jun-15	29-Jun-15	EPA TO-15	E
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*99.7 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.6 %*		*77-127*	"	"	"	"	

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TRC Solutions - MI	Project: TRC062315-14	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	02-Jul-15 08:39

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-10 (E506100-09) Vapor Sampled: 17-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EF52905	29-Jun-15	29-Jun-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**3.4**	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*99.2 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.3 %*	*77-127*		"	"	"	"	
SG-11 (E506100-10) Vapor Sampled: 17-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EF52905	29-Jun-15	29-Jun-15	EPA TO-15	A
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*99.4 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.2 %*	*77-127*		"	"	"	"	

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TRC Solutions - MI	Project: TRC062315-14	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	02-Jul-15 08:39

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-15R (E506100-11) Vapor Sampled: 17-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EF52905	29-Jun-15	29-Jun-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.4 %*	*77-127*		"	"	"	"	
SG-13 (E506100-12) Vapor Sampled: 17-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	**6400**	3600	ppbv	1	EF52905	29-Jun-15	29-Jun-15	EPA TO-15	E
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**9.4**	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**2.2**	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.4 %*	*77-127*		"	"	"	"	

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TRC Solutions - MI	Project: TRC062315-14	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	02-Jul-15 08:39

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-19 (E506100-13) Vapor Sampled: 17-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	**8200**	3600	ppbv	1	EF52905	29-Jun-15	30-Jun-15	EPA TO-15	E
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**3.0**	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*77-127*		"	"	"	"	
SG-20 (E506100-14) Vapor Sampled: 18-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	**41000**	3600	ppbv	5	EF53010	30-Jun-15	30-Jun-15	EPA TO-15	E
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	5.0	"	"	"	"	"	"	
Trichloroethene	**25**	5.0	"	"	"	"	"	"	
Tetrachloroethene	**15**	5.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.2 %*	*77-127*		"	"	"	"	

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TRC Solutions - MI	Project: TRC062315-14	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	02-Jul-15 08:39

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-21 (E506100-15) Vapor Sampled: 18-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EF53010	30-Jun-15	30-Jun-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.1 %*	*77-127*		"	"	"	"	
SG-12R (E506100-16) Vapor Sampled: 18-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	**9800**	3600	ppbv	1	EF53010	30-Jun-15	30-Jun-15	EPA TO-15	E
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**1.3**	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*74.0 %*	*76-134*		"	"	"	"	*S-GC*
Surrogate: Toluene-d8		*98.7 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.0 %*	*77-127*		"	"	"	"	

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1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	02-Jul-15 08:39

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-04 (E506100-17) Vapor Sampled: 18-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	**12000**	3600	ppbv	1	EF53010	30-Jun-15	30-Jun-15	EPA TO-15	E
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*99.6 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.3 %*	*77-127*		"	"	"	"	
SG-08 (E506100-18) Vapor Sampled: 18-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	**5000**	3600	ppbv	1	EF52905	29-Jun-15	30-Jun-15	EPA TO-15	E
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	**2.7**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**1.9**	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*91.4 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*98.6 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.8 %*	*77-127*		"	"	"	"	

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TRC Solutions - MI	Project: TRC062315-14	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	02-Jul-15 08:39

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-09 (E506100-19) Vapor Sampled: 18-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EF52905	29-Jun-15	30-Jun-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	**10**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**69**	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*98.3 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.8 %*		*77-127*	"	"	"	"	
SG-02 (E506100-20) Vapor Sampled: 18-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	**170000**	3600	ppbv	100	EF52905	29-Jun-15	30-Jun-15	EPA TO-15	E
Vinyl chloride	ND	1.0	"	1	"	"	"	"	
1,1-Dichloroethene	**5.2**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**28**	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	**6.3**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**47**	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	**650**	5.0	"	5	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	1	"	"	"	"	
Trichloroethene	**4000**	100	"	100	"	"	"	"	
Tetrachloroethene	**1900**	100	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*		*77-127*	"	"	"	"	

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1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	02-Jul-15 08:39

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-03R (E506100-21) Vapor Sampled: 18-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	**5200**	3600	ppbv	1	EF52905	29-Jun-15	30-Jun-15	EPA TO-15	E
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*98.9 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.6 %*	*77-127*		"	"	"	"	
SG-01 (E506100-22) Vapor Sampled: 18-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EF52905	29-Jun-15	30-Jun-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	**27**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**89**	1.0	"	"	"	"	"	"	
Tetrachloroethene	**7.2**	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*99.0 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.4 %*	*77-127*		"	"	"	"	

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1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	02-Jul-15 08:39

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DUP-02 (E506100-23) Vapor Sampled: 18-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EF52905	29-Jun-15	30-Jun-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	**29**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**95**	1.0	"	"	"	"	"	"	
Tetrachloroethene	**7.7**	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*99.0 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.5 %*	*77-127*		"	"	"	"	

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1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	02-Jul-15 08:39

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF52905 - TO-15										
Blank (EF52905-BLK1)				Prepared & Analyzed: 29-Jun-15						
1,1-Difluoroethane (LCC)	ND	3600	ppbv							
Vinyl chloride	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	2.0	"							
1,1-Dichloroethane	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
1,2-Dichloroethane (EDC)	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	*52.2*		*"*	*50.2*		*104*	*76-134*			
Surrogate: Toluene-d8	*50.6*		*"*	*49.8*		*102*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*46.8*		*"*	*50.2*		*93.2*	*77-127*			
Blank (EF52905-BLK2)				Prepared & Analyzed: 29-Jun-15						
1,1-Difluoroethane (LCC)	ND	3600	ppbv							
Vinyl chloride	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	2.0	"							
1,1-Dichloroethane	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
1,2-Dichloroethane (EDC)	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	*52.8*		*"*	*50.2*		*105*	*76-134*			
Surrogate: Toluene-d8	*50.0*		*"*	*49.8*		*100*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*47.0*		*"*	*50.2*		*93.7*	*77-127*			

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TRC Solutions - MI	Project: TRC062315-14	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	02-Jul-15 08:39

Volatile Organic Compounds by EPA TO-15 - Quality Control

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF52905 - TO-15										
LCS (EF52905-BS1)				Prepared & Analyzed: 29-Jun-15						
Vinyl chloride	20	1.0	ppbv	20.1		99.3	70-130			
1,1-Dichloroethene	22	1.0	"	20.1		109	70-130			
trans-1,2-Dichloroethene	21	2.0	"	20.1		104	70-130			
1,1-Dichloroethane	21	1.0	"	20.1		107	70-130			
cis-1,2-Dichloroethene	20	1.0	"	19.9		103	70-130			
1,1,1-Trichloroethane	22	1.0	"	20.2		110	70-130			
1,2-Dichloroethane (EDC)	22	1.0	"	20.1		109	70-130			
Trichloroethene	22	1.0	"	20.1		109	70-130			
Tetrachloroethene	22	1.0	"	20.0		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	*51.4*		*"*	*50.2*		*103*	*76-134*			
Surrogate: Toluene-d8	*50.2*		*"*	*49.8*		*101*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*50.5*		*"*	*50.2*		*101*	*77-127*			
LCS (EF52905-BS2)				Prepared & Analyzed: 29-Jun-15						
Vinyl chloride	20	1.0	ppbv	20.1		98.4	70-130			
1,1-Dichloroethene	20	1.0	"	20.1		101	70-130			
trans-1,2-Dichloroethene	21	2.0	"	20.1		105	70-130			
1,1-Dichloroethane	21	1.0	"	20.1		105	70-130			
cis-1,2-Dichloroethene	21	1.0	"	19.9		105	70-130			
1,1,1-Trichloroethane	21	1.0	"	20.2		102	70-130			
1,2-Dichloroethane (EDC)	20	1.0	"	20.1		102	70-130			
Trichloroethene	22	1.0	"	20.1		107	70-130			
Tetrachloroethene	21	1.0	"	20.0		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	*50.6*		*"*	*50.2*		*101*	*76-134*			
Surrogate: Toluene-d8	*49.6*		*"*	*49.8*		*99.5*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*51.4*		*"*	*50.2*		*102*	*77-127*			
LCS Dup (EF52905-BSD1)				Prepared & Analyzed: 29-Jun-15						
Vinyl chloride	19	1.0	ppbv	20.1		95.8	70-130	3.63	25	
1,1-Dichloroethene	20	1.0	"	20.1		98.6	70-130	9.98	25	
trans-1,2-Dichloroethene	21	2.0	"	20.1		103	70-130	0.772	25	

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Volatile Organic Compounds by EPA TO-15 - Quality Control

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF52905 - TO-15										
LCS Dup (EF52905-BSD1)				Prepared & Analyzed: 29-Jun-15						
1,1-Dichloroethane	21	1.0	ppbv	20.1		103	70-130	3.80	25	
cis-1,2-Dichloroethene	21	1.0	"	19.9		106	70-130	2.84	25	
1,1,1-Trichloroethane	20	1.0	"	20.2		101	70-130	8.75	25	
1,2-Dichloroethane (EDC)	20	1.0	"	20.1		100	70-130	8.49	25	
Trichloroethene	21	1.0	"	20.1		105	70-130	3.59	25	
Tetrachloroethene	21	1.0	"	20.0		104	70-130	3.44	25	
Surrogate: 1,2-Dichloroethane-d4	*49.1*		*"*	*50.2*		*97.8*	*76-134*			
Surrogate: Toluene-d8	*49.2*		*"*	*49.8*		*98.8*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*51.9*		*"*	*50.2*		*103*	*77-127*			
LCS Dup (EF52905-BSD2)				Prepared & Analyzed: 29-Jun-15						
Vinyl chloride	19	1.0	ppbv	20.1		96.9	70-130	1.48	25	
1,1-Dichloroethene	20	1.0	"	20.1		99.5	70-130	1.98	25	
trans-1,2-Dichloroethene	21	2.0	"	20.1		102	70-130	2.68	25	
1,1-Dichloroethane	21	1.0	"	20.1		103	70-130	1.82	25	
cis-1,2-Dichloroethene	20	1.0	"	19.9		103	70-130	1.74	25	
1,1,1-Trichloroethane	20	1.0	"	20.2		101	70-130	1.37	25	
1,2-Dichloroethane (EDC)	20	1.0	"	20.1		99.9	70-130	2.27	25	
Trichloroethene	20	1.0	"	20.1		100	70-130	6.61	25	
Tetrachloroethene	20	1.0	"	20.0		102	70-130	3.66	25	
Surrogate: 1,2-Dichloroethane-d4	*50.6*		*"*	*50.2*		*101*	*76-134*			
Surrogate: Toluene-d8	*49.3*		*"*	*49.8*		*98.9*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*50.7*		*"*	*50.2*		*101*	*77-127*			
Batch EF53010 - TO-15										
Blank (EF53010-BLK1)				Prepared & Analyzed: 30-Jun-15						
1,1-Difluoroethane (LCC)	ND	3600	ppbv							
Vinyl chloride	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	2.0	"							
1,1-Dichloroethane	ND	1.0	"							

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Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF53010 - TO-15										
Blank (EF53010-BLK1)				Prepared & Analyzed: 30-Jun-15						
cis-1,2-Dichloroethene	ND	1.0	ppbv							
1,1,1-Trichloroethane	ND	1.0	"							
1,2-Dichloroethane (EDC)	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	*53.8*		*"*	*50.2*		*107*	*76-134*			
Surrogate: Toluene-d8	*50.9*		*"*	*49.8*		*102*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*46.4*		*"*	*50.2*		*92.5*	*77-127*			
LCS (EF53010-BS1)				Prepared & Analyzed: 30-Jun-15						
Vinyl chloride	19	1.0	ppbv	20.1		95.4	70-130			
1,1-Dichloroethene	21	1.0	"	20.1		106	70-130			
trans-1,2-Dichloroethene	23	2.0	"	20.1		113	70-130			
1,1-Dichloroethane	22	1.0	"	20.1		108	70-130			
cis-1,2-Dichloroethene	22	1.0	"	19.9		109	70-130			
1,1,1-Trichloroethane	21	1.0	"	20.2		104	70-130			
1,2-Dichloroethane (EDC)	21	1.0	"	20.1		104	70-130			
Trichloroethene	21	1.0	"	20.1		105	70-130			
Tetrachloroethene	19	1.0	"	20.0		93.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	*52.7*		*"*	*50.2*		*105*	*76-134*			
Surrogate: Toluene-d8	*49.7*		*"*	*49.8*		*99.8*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*51.2*		*"*	*50.2*		*102*	*77-127*			
LCS Dup (EF53010-BSD1)				Prepared & Analyzed: 30-Jun-15						
Vinyl chloride	20	1.0	ppbv	20.1		101	70-130	5.29	25	
1,1-Dichloroethene	22	1.0	"	20.1		107	70-130	1.68	25	
trans-1,2-Dichloroethene	23	2.0	"	20.1		112	70-130	1.01	25	
1,1-Dichloroethane	22	1.0	"	20.1		108	70-130	0.322	25	
cis-1,2-Dichloroethene	22	1.0	"	19.9		109	70-130	0.0926	25	
1,1,1-Trichloroethane	21	1.0	"	20.2		105	70-130	0.617	25	
1,2-Dichloroethane (EDC)	21	1.0	"	20.1		102	70-130	1.31	25	

H&P Mobile
Geochemistry Inc.

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760-804-9678 Phone
760-804-9159 Fax

TRC Solutions - MI	Project: TRC062315-14	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	02-Jul-15 08:39

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF53010 - TO-15										
LCS Dup (EF53010-BSD1)				Prepared & Analyzed: 30-Jun-15						
Trichloroethene	21	1.0	ppbv	20.1		107	70-130	1.74	25	
Tetrachloroethene	18	1.0	"	20.0		91.0	70-130	3.13	25	
Surrogate: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.2*		*101*	*76-134*			
Surrogate: Toluene-d8	*49.6*		*"*	*49.8*		*99.6*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*50.3*		*"*	*50.2*		*100*	*77-127*			

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TRC Solutions - MI	Project: TRC062315-14	
1540 Eisenhower Place	Project Number: 004308.0001 Phase 1 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	02-Jul-15 08:39

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate(s).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
A	The 1,1-Difluoroethane result is above the linear range of the calibration but below the reporting limit.
LCC	Leak Check Compound
ND	Analyte NOT DETECTED at or above the reporting limit
MDL	Method Detection Limit
%REC	Percent Recovery
RPD	Relative Percent Difference

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP and the ISO 17025 programs, certification number L11-175.

H&P is approved by the State of Arizona as an Environmental Testing Laboratory and Mobile Laboratory, certification numbers AZM758 and AZ0779.

H&P is approved by the State of California as an Environmental Laboratory and Mobile Laboratory in conformance with the Environmental Laboratory Accreditation Program (ELAP) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste, certification numbers 2740, 2741, 2743, 2744, 2745, 2754 & 2930.

H&P is approved by the State of Florida Department of Health under the National Environmental Laboratory Accreditation Conference (NELAC) certification number E871100.

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpmg.com/about/certifications.

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VAPOR / AIR Chain of Custody

DATE: 6/19/15
Page 1 of 3

Lab Client and Project Information

Lab Client/Consultant:	TRC Solutions	Project Name / #:	004308.0001 Phase 1
Lab Client Project Manager:	Stacy Metz	Project Location:	Tecumseh, MI
Lab Client Address:	1540 Eisenhower Pl	Report E-Mail(s):	rsortor@trcsolutions.com
Lab Client City, State, Zip:	Ann Arbor, MI 48108		smetz@trcsolutions.com
Phone Number:	734-585-7825		

Sample Receipt (Lab Use Only)

Date Rec'd: 6/23/15 Control #: 150417.01
H&P Project # TRC062315-14
Lab Work Order # ES06100
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below
Receipt Gauge ID: 11167 Temp: 22°C
Outside Lab:
Receipt Notes/Tracking #:
7738 7718 7160
7738 7718 7149
7738 7718 7274
7738 7718 7002
Lab PM Initials: WA

Reporting Requirements

☐ Standard Report ☐ Level III ☒ Level IV
☒ Excel EDD ☐ Other EDD:_____
☐ CA Geotracker Global ID:_____

Turnaround Time

☒ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☐ Mobile Lab
☐ 48-Hr Rush ☐ Other:____

Sampler Information

Sampler(s): Rachel Sortor
Signature: Rachel T. Sortor
Date: 6/19/15

Additional Instructions to Laboratory:

☒ Check if Project Analyte List is included:

** Preferred VOC units (please choose one):*

☐ µg/L ☐ µg/m³ ☒ ppbv ☐ ppmv

Purchase Order #54219

Project Analyte List: PCE, TCE, 1,1-DCE, 1,2-cis-DCE, 1,2-trans-DCE, vinyl chloride, 1,1,1-TCA, 1,1-DCA, 1,2-DCA and the tracer 1,1-DFA

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SV/m ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SV/m ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2	VOCs Per Additional Instructions ☐ 8260SV ☒ TO-15		
SG-05	NA	6/17/15	0944-1000	SV	1L Summa	425	-.48								X			X		
SG-06			1022-1052			373	.61													
TVP-02S			1109-1125			438	-1.02													
SG-07			1123-1156			199	-1.01													
DUP-01			XXXX			171	-1.07													
SG-16			~~0944-1000~~ 1214-1225			180	-1.20													
SG-17			1331-1345			429	-1.79													
SG-18			1412-1429			436	-1.55													
SG-10			1427-1438			428	-1.19													
SG-11			1509-1525			433	-1.48													

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Rachel T. Sortor	TRC	6/19/15	1100	Fedex		6/19/15	1100
	FedEX			Jon Unzwarth	H+P	6/23/15	1140

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

Rev 12/31/2013

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P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 6/19/15

Lab Client and Project Information

Lab Client/Consultant:	TRC Solutions	Project Name / #:	004308.0001 Phase 1
Lab Client Project Manager:	Stacy Metz	Project Location:	Tecumseh, MI
Lab Client Address:	1540 Eisenhower Pl	Report E-Mail(s):	rsortor@trcsolutions.com
Lab Client City, State, Zip:	Ann Arbor, MI 48108		smetz@trcsolutions.com
Phone Number:	734-585-7825		

Sample Receipt (Lab Use Only)

Date Rec'd: 6/23/15	Control #: 150417.01
H&P Project #: TRC062315-14	
Lab Work Order #: ES06100	
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID: 11167	Temp: 22°C
Outside Lab:	
Receipt Notes/Tracking #: 773877187160, 7149, 7274, 7002	Lab PM Initials: NA

Reporting Requirements	Turnaround Time	Sampler Information
☐ Standard Report ☐ Level III ☒ Level IV	☒ 5-7 day Stnd ☐ 24-Hr Rush	Sampler(s): Rachel Sorter
☒ Excel EDD ☐ Other EDD:	☐ 3-day Rush ☐ Mobile Lab	Signature: Rachel T. Sorter
☐ CA Geotracker Global ID:	☐ 48-Hr Rush ☐ Other:	Date: 6/19/15

Additional Instructions to Laboratory:

☒ Check if Project Analyte List is included:

* Preferred VOC units (please choose one):

☐ µg/L ☐ µg/m³ ☒ ppbv ☐ ppmv

Purchase Order #54219

Project Analyte List: PCE, TCE, 1,1-DCE, 1,2-cis-DCE, 1,2-trans-DCE, vinyl chloride, 1,1,1-TCA, 1,1-DCA, 1,2-DCA and the tracer 1,1-DFA

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2	VOCs Per Additional Instructions ☐ 8260SV ☒ TO-15		
SG-15R	NA	6/17/15	1541-1602	SV	1L Summa	381	-.66								X			X		
SG-13			1620-1635			175	-.89													
SG-19			1633-1641			418	-1.82													
SG-20		6/18/15	0849-0901			419	-1.89													
SG-21			0929-0944			196	-.78													
SG-12R			1018-1220			403	-3.68													
SG-04			1538-1558			361	-2.79													
SG-08			1600-1611			392	-2.16													
SG-09			1624-1634			200	-1.46													
SG-02			1651-1706			ST008	-2.74													

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Rachel T. Sorter	TRC	6/19/15	1100	Fedex		6/19/15	1100
	FedEX			Jori Unger	H&P	6/23/15	1140

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P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 6/19/15

Lab Client and Project Information

Lab Client/Consultant:	TRC Solutions	Project Name / #:	004308.0001 Phase 1
Lab Client Project Manager:	Stacy Metz	Project Location:	Tecumseh, MI
Lab Client Address:	1540 Eisenhower Pl	Report E-Mail(s):	rsortor@trcsolutions.com
Lab Client City, State, Zip:	Ann Arbor, MI 48108		smetz@trcsolutions.com
Phone Number:	734-585-7825		

Sample Receipt (Lab Use Only)

Date Rec'd: 6/23/15	Control #: 150417.01
H&P Project # TRC062315-14	
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Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID: 11167	Temp: 22°C
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Receipt Notes/Tracking #: 7738 7718 7160 " " 7149 " " 7274 " " 7002	Lab PM Initials: WA

Reporting Requirements

☐ Standard Report ☐ Level III ☒ Level IV
☒ Excel EDD ☐ Other EDD:_____
☐ CA Geotracker Global ID:_____

Turnaround Time

☒ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☐ Mobile Lab
☐ 48-Hr Rush ☐ Other:____

Sampler Information

Sampler(s): Rachel Sortor
Signature: Rachel M. Sortor
Date: 6/19/15

Additional Instructions to Laboratory:

☒ Check if Project Analyte List is Included:

** Preferred VOC units (please choose one):*

☐ µg/L ☐ µg/m³ ☒ ppbv ☐ ppmv

Purchase Order #54219

Project Analyte List: PCE, TCE, 1,1-DCE, 1,2-cis-DCE, 1,2-trans-DCE, vinyl chloride, 1,1,1-TCA, 1,1-DCA, 1,2-DCA and the tracer 1,1-DFA

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2	VOCs Per Additional Instructions ☐ 8260SV ☒ TO-15		
SG-03R	NA	6/18/15	1703-1724	SV	1L Summa	194	-3.04								X			X		
SG-01			1740-1810			410	-.99													
DUP-02			XXXX			185	-.98													

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Rachel M. Sortor	TRC	6/19/15	1100	Fedex		6/19/15	1100
Approved/Relinquished by:	Company: Fedex	Date:	Time:	Received by: Jorillusworth	Company: H&P	Date: 6/23/15	Time: 1140
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

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H&P Mobile Geochemistry Inc.

01 July 2015

Ms. Stacy Metz
TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108

H&P Project: TRC062315-13
Client Project: 225314 / Tecumseh, MI

Dear Ms. Stacy Metz:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 23-Jun-15 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Janis Villarreal

Janis Villarreal
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP, the National Environmental Laboratory Accreditation Conference (NELAC) and the Department of Defense Accreditation Programs.

H&P Mobile
Geochemistry Inc.

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760-804-9678 Phone
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TRC Solutions - MI	Project: TRC062315-13	
1540 Eisenhower Place	Project Number: 225314 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	01-Jul-15 14:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SG-22	E506099-01	Vapor	18-Jun-15	23-Jun-15
MHC-01	E506099-02	Vapor	18-Jun-15	23-Jun-15
SG-25	E506099-03	Vapor	18-Jun-15	23-Jun-15
SG-24	E506099-04	Vapor	18-Jun-15	23-Jun-15
SG-23	E506099-05	Vapor	18-Jun-15	23-Jun-15

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TRC Solutions - MI	Project: TRC062315-13	
1540 Eisenhower Place	Project Number: 225314 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	01-Jul-15 14:55

DETECTIONS SUMMARY

Sample ID: **SG-22** Laboratory ID: **E506099-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethane	**200**	10	ppbv	EPA TO-15	
cis-1,2-Dichloroethene	**36**	10	ppbv	EPA TO-15	
1,1,1-Trichloroethane	**6100**	50	ppbv	EPA TO-15	
Trichloroethene	**6300**	50	ppbv	EPA TO-15	
Tetrachloroethene	**330**	10	ppbv	EPA TO-15	

Sample ID: **MHC-01** Laboratory ID: **E506099-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethane	**8.7**	1.0	ppbv	EPA TO-15	
1,1,1-Trichloroethane	**450**	1.0	ppbv	EPA TO-15	
Trichloroethene	**360**	1.0	ppbv	EPA TO-15	
Tetrachloroethene	**8.6**	1.0	ppbv	EPA TO-15	

Sample ID: **SG-25** Laboratory ID: **E506099-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**8800**	3600	ppbv	EPA TO-15	E
1,1,1-Trichloroethane	**84**	1.0	ppbv	EPA TO-15	
Trichloroethene	**20**	1.0	ppbv	EPA TO-15	

Sample ID: **SG-24** Laboratory ID: **E506099-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**16000**	3600	ppbv	EPA TO-15	E
1,1,1-Trichloroethane	**2.0**	1.0	ppbv	EPA TO-15	
Trichloroethene	**2.1**	1.0	ppbv	EPA TO-15	

Sample ID: **SG-23** Laboratory ID: **E506099-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**4.1**	1.0	ppbv	EPA TO-15	

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TRC Solutions - MI	Project: TRC062315-13	
1540 Eisenhower Place	Project Number: 225314 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	01-Jul-15 14:55

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-22 (E506099-01) Vapor Sampled: 18-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	10	EF52703	27-Jun-15	27-Jun-15	EPA TO-15	
Vinyl chloride	ND	10	"	"	"	"	"	"	
1,1-Dichloroethene	ND	10	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1-Dichloroethane	**200**	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**36**	10	"	"	"	"	"	"	
1,1,1-Trichloroethane	**6100**	50	"	50	"	"	29-Jun-15	"	
1,2-Dichloroethane (EDC)	ND	10	"	10	"	"	27-Jun-15	"	
Trichloroethene	**6300**	50	"	50	"	"	29-Jun-15	"	
Tetrachloroethene	**330**	10	"	10	"	"	27-Jun-15	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*99.6 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.6 %*	*77-127*		"	"	"	"	
MHC-01 (E506099-02) Vapor Sampled: 18-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EF52703	27-Jun-15	27-Jun-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	**8.7**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	**450**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**360**	1.0	"	"	"	"	"	"	
Tetrachloroethene	**8.6**	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.6 %*	*77-127*		"	"	"	"	

H&P Mobile
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TRC Solutions - MI	Project: TRC062315-13	
1540 Eisenhower Place	Project Number: 225314 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	01-Jul-15 14:55

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-25 (E506099-03) Vapor Sampled: 18-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	**8800**	3600	ppbv	1	EF52703	27-Jun-15	27-Jun-15	EPA TO-15	E
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	**84**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**20**	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.0 %*	*77-127*		"	"	"	"	
SG-24 (E506099-04) Vapor Sampled: 18-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	**16000**	3600	ppbv	1	EF52703	27-Jun-15	27-Jun-15	EPA TO-15	E
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	**2.0**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**2.1**	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*76-134*		"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*78-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.0 %*	*77-127*		"	"	"	"	

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760-804-9678 Phone
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TRC Solutions - MI	Project: TRC062315-13	
1540 Eisenhower Place	Project Number: 225314 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	01-Jul-15 14:55

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-23 (E506099-05) Vapor Sampled: 18-Jun-15 Received: 23-Jun-15									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EF52703	27-Jun-15	27-Jun-15	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**4.1**	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*101 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.2 %*		*77-127*	"	"	"	"	

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1540 Eisenhower Place	Project Number: 225314 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	01-Jul-15 14:55

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF52703 - TO-15										
Blank (EF52703-BLK1)				Prepared & Analyzed: 27-Jun-15						
1,1-Difluoroethane (LCC)	ND	3600	ppbv							
Vinyl chloride	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	2.0	"							
1,1-Dichloroethane	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
1,2-Dichloroethane (EDC)	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	*50.2*		*"*	*50.2*		*100*	*76-134*			
Surrogate: Toluene-d8	*48.8*		*"*	*49.8*		*98.0*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*45.5*		*"*	*50.2*		*90.7*	*77-127*			
LCS (EF52703-BS1)				Prepared & Analyzed: 27-Jun-15						
Vinyl chloride	20	1.0	ppbv	20.1		101	70-130			
1,1-Dichloroethene	22	1.0	"	20.1		107	70-130			
trans-1,2-Dichloroethene	20	2.0	"	20.1		102	70-130			
1,1-Dichloroethane	21	1.0	"	20.1		106	70-130			
cis-1,2-Dichloroethene	21	1.0	"	19.9		107	70-130			
1,1,1-Trichloroethane	22	1.0	"	20.2		111	70-130			
1,2-Dichloroethane (EDC)	22	1.0	"	20.1		110	70-130			
Trichloroethene	23	1.0	"	20.1		114	70-130			
Tetrachloroethene	23	1.0	"	20.0		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	*50.4*		*"*	*50.2*		*100*	*76-134*			
Surrogate: Toluene-d8	*50.1*		*"*	*49.8*		*101*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*49.0*		*"*	*50.2*		*97.5*	*77-127*			

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TRC Solutions - MI	Project: TRC062315-13	
1540 Eisenhower Place	Project Number: 225314 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	01-Jul-15 14:55

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF52703 - TO-15										
LCS Dup (EF52703-BSD1)				Prepared & Analyzed: 27-Jun-15						
Vinyl chloride	21	1.0	ppbv	20.1		103	70-130	1.81	25	
1,1-Dichloroethene	22	1.0	"	20.1		109	70-130	1.43	25	
trans-1,2-Dichloroethene	21	2.0	"	20.1		102	70-130	0.488	25	
1,1-Dichloroethane	21	1.0	"	20.1		106	70-130	0.518	25	
cis-1,2-Dichloroethene	21	1.0	"	19.9		108	70-130	0.748	25	
1,1,1-Trichloroethane	23	1.0	"	20.2		112	70-130	0.445	25	
1,2-Dichloroethane (EDC)	22	1.0	"	20.1		110	70-130	0.272	25	
Trichloroethene	23	1.0	"	20.1		113	70-130	0.833	25	
Tetrachloroethene	23	1.0	"	20.0		114	70-130	2.43	25	
Surrogate: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.2*		*101*	*76-134*			
Surrogate: Toluene-d8	*50.5*		*"*	*49.8*		*101*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*50.3*		*"*	*50.2*		*100*	*77-127*			

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1540 Eisenhower Place	Project Number: 225314 / Tecumseh, MI	Reported:
Ann Arbor, MI 48108	Project Manager: Ms. Stacy Metz	01-Jul-15 14:55

Notes and Definitions

E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
LCC	Leak Check Compound
ND	Analyte NOT DETECTED at or above the reporting limit
MDL	Method Detection Limit
%REC	Percent Recovery
RPD	Relative Percent Difference

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP and the ISO 17025 programs, certification number L11-175.

H&P is approved by the State of Arizona as an Environmental Testing Laboratory and Mobile Laboratory, certification numbers AZM758 and AZ0779.

H&P is approved by the State of California as an Environmental Laboratory and Mobile Laboratory in conformance with the Environmental Laboratory Accreditation Program (ELAP) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste, certification numbers 2740, 2741, 2743, 2744, 2745, 2754 & 2930.

H&P is approved by the State of Florida Department of Health under the National Environmental Laboratory Accreditation Conference (NELAC) certification number E871100.

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpmg.com/about/certifications.

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VAPOR / AIR Chain of Custody

DATE: 6/19/15
Page 1 of 1

Lab Client and Project Information

Lab Client/Consultant:	TRC Solutions	Project Name / #:	225314
Lab Client Project Manager:	Stacy Metz	Project Location:	Tecumseh, MI
Lab Client Address:	1540 Eisenhower Pl	Report E-Mail(s):	rsortor@trcsolutions.com
Lab Client City, State, Zip:	Ann Arbor, MI 48108		smetz@trcsolutions.com
Phone Number:	734-585-7825		

Sample Receipt (Lab Use Only)

Date Rec'd: 6/23/15	Control #: 150418.01
H&P Project # TRC062315-13	
Lab Work Order # ES06099	
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID: 11167	Temp: 22°C
Outside Lab:	
Receipt Notes/Tracking #: 7738 7718 7160 " " 7274 " " 7002	Lab PM Initials: WA

Reporting Requirements	Turnaround Time	Sampler Information
☐ Standard Report ☐ Level III ☒ Level IV	☒ 5-7 day Stnd ☐ 24-Hr Rush	Sampler(s): Rachel Sortor
☒ Excel EDD ☐ Other EDD:	☐ 3-day Rush ☐ Mobile Lab	Signature: Rachel M. Sortor
☐ CA Geotracker Global ID:	☐ 48-Hr Rush ☐ Other:	Date: 6/19/15

Additional Instructions to Laboratory:

☒ Check if Project Analyte List is Included:

** Preferred VOC units (please choose one):*

☐ µg/L ☐ µg/m³ ☒ ppbv ☐ ppmv

Purchase Order #73326

Project Analyte List: PCE, TCE, 1,1-DCE, 1,2-cis-DCE, 1,2-trans-DCE, vinyl chloride, 1,1,1-TCA, 1,1-DCA, 1,2-DCA and the tracer 1,1-DFA

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SV/m ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SV/m ☐ TO-15m	Leak Check Compound ☒ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2	VOCs Per Additional Instructions ☐ 8260SV ☒ TO-15		
SG-22	NA	6/18/15	1051-1108	SV	1L Summa	400	-1.69								X			X		
MHC-01			1326-1342			444	-.65													
SG-25			1411-1425			181	-1.57													
SG-24			1444-1500			434	-2.08													
SG-23			1455-1516			172	-1.75													

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Rachel M. Sortor	TRC	6/19/15	1100	Fedex		6/19/15	1100
Approved/Relinquished by:	Company:	Date:	Time:	Received by: Jori Unswarth	Company: H&P	Date: 6/23/15	Time: 1130
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

**Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back*

Rev 10/21/2014

Attachment 2
Data Quality Assurance

Laboratory Data Validation

March 2015 Soil Gas Sample Event
Former Tecumseh Products Company Site
Tecumseh, Michigan

Twenty-five soil gas samples, including two field duplicates, were collected from March 30 to April 1, 2015. Twenty-four of these samples were analyzed by H&P Mobile Geochemistry, Inc., located in Carlsbad, California. Sample SG-14R #2 was analyzed, but sample SG-14R was not analyzed. The samples were analyzed for volatile organic compounds using USEPA Method TO-15 following procedures specified in the Quality Assurance Project Plan (QAPP) for the Tecumseh Products Company Site in Tecumseh, Michigan. The laboratory results were reported in laboratory report TRC040615-11. TRC reviewed the laboratory data. The following sections summarize the data review procedure and the results of the data review.

Validation Procedure

The analytical data were validated using the USEPA National Functional Guidelines for Organic Data Review (USEPA, 2013) and the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air (USEPA, 1999). The USEPA National Functional Guidelines for Organic Data Review were written for solid and aqueous samples. Professional judgment was used in applying the guidance to soil gas sample matrix. The data review included a review of the duplicate and blank results from the laboratory, as well as verification that the sample holding times were met. TRC reviewed additional QC information to check for appropriate matrix performance using the analytical methods specified by the laboratory. The procedures TRC used to evaluate data in general included the following items:

- Checked technical holding times for analyses
- Reviewed data for blanks, laboratory duplicates, and laboratory control samples
- Determined field precision from blind field duplicate data
- Assessed the usability of the data

The data validation report addresses the following items:

- Usability of the data if QC results suggest potential problems with all or some of the data
- Potential sample contamination due to blank contributions
- Actions regarding specific QC criteria exceedances

TRC reviewed internal standard areas and retention times, method blanks, field duplicate relative percent differences (RPDs), Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) recoveries and RPDs, and holding times. In addition, the 24-hour calibration clock was checked for each sample.

Findings

The data quality objectives and laboratory completeness goals for the project were met, and the data are usable. The procedures specified in the methods were implemented, and the data packages were found to contain all of the deliverables necessary for validation of the analytical data. The discussion that follows describes the QA/QC results and evaluation.

- The laboratory met the technical holding time of 30 days for all samples.
- The 24-hour calibration clock was not exceeded for any sample.
- Internal standard areas and retention times were reviewed and found to be within acceptable QC limits according to the USEPA National Functional Guidelines for Organic Data Review (USEPA, 2013).
- Surrogate recoveries met QC limits for all samples.
- Contaminants were not detected in the method blanks.
- The laboratory performed one LCS/LCSD per analytical batch. LCS/LCSD recoveries and RPDs met QC limits.
- Two field duplicate sample pairs were collected. Dup-01 corresponded with SG-07 and DUP-02 corresponded with SG-20. RPDs met QC limits for detected compounds within the SG-20/Dup-02 sample pair (note that 1,1-difluoroethane detections were not evaluated).
  - Sample SG-07 had four compounds detected, two of which were substantially above the reporting limit, while Dup-01 had no detections. RPDs could not be calculated.
  - Because of the substantial difference between the SG-07 and Dup-01 analytical results, the laboratory was asked to review the results and the project staff was asked to verify the parent sample location. Project field notes were reviewed to determine if a source for this discrepancy could be determined. Both the reported analytical results and the parent location of SG-07 were verified. Sample results for SG-07 are consistent with historical data; however, Dup-01 data are not. Dup-01 is not considered to be a representative duplicate of SG-07. Therefore, no flags are assigned.
- It should be noted that the laboratory flagged the 1,1-difluoroethane detections in the following samples as estimated (E) because the value exceeded the calibration limit: SG-02, SG-04, SG-09, SG-12R, SG-14R #2, SG-17, SG-20 and Dup-02. The laboratory also flagged 1,1-difluoroethane non-detections in the following samples as detected at concentrations exceeding the linear range of the calibration, but less than the reporting limit (A): SG-05, SG-07, SG-08, SG-10 and SG-16.

Prepared by: Terry Hertz
Reviewed by: David Szynal

Appendix C
Summary of the First Quarter 2015 and Second Quarter 2015 Groundwater Monitoring Events

Technical Memorandum

To:	Jason Smith, Tecumseh Products Company
From:	Stacy Metz and Graham Crockford, TRC
Subject:	Summary of the First and Second Quarter 2015 Groundwater Monitoring Events: Former Tecumseh Products Company Site in Tecumseh, Michigan (RCRA-05-2010-0012)
Date:	July 10, 2015
cc:	Chris DeWetter, Tecumseh Products Company Douglas McClure, Conlin, McKenney & Philbrick, PC
Project No.:	004304.0001.0000, Phase 2

Tecumseh Products Company (TPC) retained TRC Environmental Corporation (TRC), to investigate soil and groundwater conditions at the former TPC site located in Tecumseh, Michigan. TRC is assisting TPC with investigative activities for the site in accordance with the RCRA Administrative Order on Consent ("AOC")(RCRA 05-2010-0012).

Extensive investigation activities have been conducted to define the nature and extent of groundwater contamination in the vicinity of the site. Results of previous investigation activities were documented as they became available in a series of technical memoranda and reports. These investigation activities included the installation of 57 groundwater monitoring wells, and 13 temporary monitoring points. This Technical Memorandum documents groundwater sampling activities conducted during the first quarter and second quarter of 2015, and summarizes the findings of those field activities.

Summary of Field Activities

Sampling activities are conducted in accordance with the Quality Assurance Project Plan (QAPP) which was submitted to the United States Environmental Protection Agency (USEPA) for review in August 2010 and the most recent Groundwater and Surface Water Monitoring Program, described in the July 10, 2014, Technical Memorandum titled *First and Second Quarter 2014 Groundwater Monitoring Events* and summarized in Table 1. The first quarter 2015 sampling event was the quarterly sampling event, and the second quarter 2015 sampling event was the semi-annual sampling event.

Sample locations are shown on Figure 1. All groundwater samples are collected for volatile organic compound (VOC) analyses using low-flow sampling techniques. The following field parameters are

measured during groundwater sample collection: pH, specific conductivity, redox potential, dissolved oxygen, turbidity and temperature. Groundwater and surface water samples are analyzed by TriMatrix Laboratories, Inc. (TriMatrix) using Level 4 data quality objectives.

First Quarter 2015 Sample Event

The first quarter sampling activities were completed between February 24, 2015 and February 25, 2015 at interior sample locations. Due to heavy snow cover, exterior wells could not be sampled at that time. Sampling activities were completed at exterior locations between March 23, 2015 and March 26, 2015. The first quarter sampling event was conducted in accordance with the groundwater monitoring program which is described above and summarized in Table 1. Monitoring activities conducted during the first quarter of 2014, including deviations, if any, from the monitoring program are described below:

- Collection of groundwater samples at quarterly groundwater monitoring well locations, as summarized in Table 1 (23 total);
- Collection of groundwater samples from 13 temporary monitoring locations as summarized in Table 1;
- Measurement of field parameters at groundwater sample locations; and
- Analysis of all groundwater and surface water samples for VOCs.

Second Quarter 2015 Sample Event

Between May 18 and May 28, 2015, the second quarter sample event was conducted in accordance with the groundwater monitoring program which is described above and summarized in Table 1. Monitoring activities conducted during the second quarter of 2014, including deviations, if any, from the monitoring program are described below:

- Collection of static groundwater measurements at each of the existing compliance monitoring wells[1] and monitoring wells PRB-01s and PRB-02s. Note PRB-01s and PRB-02s, which are part of the permeable reactive barrier (PRB) monitoring network, are included to help define groundwater elevations and flow direction along the eastern perimeter of the site;
- Collection of static water levels at each of the two gauge point locations on the River Raisin;
- Collection of groundwater samples at semi-annual groundwater monitoring well locations, as summarized in Table 1 (43 total);
- Collection of groundwater samples from 13 temporary monitoring locations as summarized in Table 1;

[1] Monitoring well MW-16s has been consistently dry since installation, and has been eliminated from the sample program. As such, MW-16s is not considered a compliance monitoring well.

- Measurement of field parameters at groundwater sample locations;
- Collection of surface water samples from the wetland area downgradient of the site (WL-01) and the seep near the former Blood Road bridge (SEEP); and
- Analysis of all groundwater and surface water samples for VOCs.

Groundwater Elevation Data

The groundwater elevation data collected in May 2015 were used to construct a groundwater contour map and to verify the direction of groundwater flow and hydraulic gradient within the unconsolidated sand underlying the site (Figure 2). Six years of water level data (March 2009 through May 2015) have been collected (Table 2). Groundwater flow patterns are consistent with those observed in the past. Groundwater flow at the former TPC site and surrounding study area is generally east toward the River Raisin, the nearest body of water, located 1,500 to 2,500 feet east of the site. The River Raisin is the regional discharge feature for groundwater beneath the former TPC site. A mean horizontal hydraulic gradient of 0.001 was measured across the former TPC property. Data from *in situ* hydraulic conductivity tests performed on monitoring wells screened in the unconfined sand and gravel aquifer were used to calculate a geometric mean hydraulic conductivity. The geometric mean hydraulic conductivity is 9.5×10^{-3} centimeters per second (cm/s) with an upper 95-percent confidence limit of 2.2×10^{-1} cm/s and a lower 95-percent confidence limit of 4.2×10^{-4} cm/s. Assuming an effective porosity of 0.3, the resultant estimated groundwater flow velocity is 3.2×10^{-5} cm/s (33 feet per year). The surface topography drops steeply downgradient of the site from an approximate elevation of 780 feet mean sea level (MSL) to an approximate elevation of 750 feet MSL in the wetland area adjacent to the River Raisin. East of the site, in proximity to the change in surface elevation, the horizontal hydraulic gradient increases (Figure 2).

The vertical hydraulic gradient in the upper sand/gravel aquifer was evaluated at fifteen of the eighteen nested well pairs (MW-04s/i, MW-08s/d, MW-10s/d, MW-12s/d, MW-24s/d, MW-27s/d, MW-28s/d, MW-29s/d, MW-30s/d, MW-32s/d, MW-34s/d, MW-35i/d, MW-36s/d, MW-39s/d, and MW-40s/d). The vertical gradient at nested well pair MW-38s/d was not evaluated because water at MW-38s is perched with an unsaturated zone between MW-38s and MW-38d. Anomalous water level measurements at monitoring wells MW-19s and MW-20d, which were rejected during data quality review, prevented the determination of vertical gradients at the MW-19s/d and MW-20s/d well pairs from the second quarter 2015 groundwater elevation data.

Table 3 summarizes the calculated vertical gradients. Consistent with previous observations, at well pairs MW-08s/d, MW-24s/d, and MW-28s/d along the western (up gradient) portion of the site, the measured vertical hydraulic gradient was essentially neutral (ranging from -0.008 to 0.003). Similarly on-site nested well pairs (MW-04s/i, MW-32s/d, MW-34s/d, MW-35i/d, MW-36s/d, and MW-39s/d) also exhibit near neutral vertical gradients (ranging from -0.009 to 0.006). Northeast of the site the hydraulic gradient varied from downward at well pairs MW-29s/d (-0.046 to -0.084) and MW-12s/d (-0.013 to -0.030) to near neutral at well pair MW-30s/d (-0.003 to 0.008). At well pairs MW-10s/d (-0.11 to -0.23) and MW-27s/d (-0.63 to -0.68) near the downgradient (east/southeast)

perimeter of the site, a downward hydraulic gradient was measured, with the downward hydraulic gradient increasing to the south. This significant vertical downward gradient in the upper sand/gravel aquifer east/southeast of the site, is the result of the presence of a higher hydraulic conductivity sand and gravel deposit that underlies the sand deposit, and a significant change in surface topography. At well pair MW-40s/d, near the river, the vertical gradient returns to near neutral (-0.003 to 0.004). Vertical gradients observed during the second quarter 2015 are consistent with previous site observations.

As discussed in previous reports, TRC staff have noted a downward trend in groundwater elevation data from the fourth quarter 2012 through the fourth quarter 2013. In order to evaluate this phenomenon further, the average groundwater elevation and the standard deviation of the groundwater elevation data for each of the wells installed before 2012 (41 total) were calculated for the period from fourth quarter 2009 through third quarter 2012 (12 events).

As noted in the January 10, 2014 technical memorandum summarizing the fourth quarter 2013 groundwater data, the following observations were made regarding groundwater elevation data between the fourth quarter 2012 and the fourth quarter 2013:

- At 34 of the wells the groundwater elevations were more than one standard deviation below average for all observed groundwater monitoring elevation events from the fourth quarter of 2012 through the fourth quarter 2013;
- At 30 of those wells the groundwater elevations were more than two standard deviations below average for all observations made during 2013;
- One additional well (MW-29s) was below average during the fourth quarter 2012 sample event and more than a standard deviation below average in 2013; and
- Five of the remaining six wells (MW-14d, MW-17s, MW-21, MW-22 and MW-31) are located in the area where surface topography results in an increase in horizontal hydraulic gradient and a decrease in saturated thickness. In this area, this trend in decreasing groundwater elevations likely manifests as a lower horizontal gradient rather than a smaller saturated thickness.

Although groundwater elevations during the second quarter 2014 remained below average at most locations, overall groundwater elevations were closer to average during that sampling event. In summary:

- 33 of the 34 locations consistently more than one standard deviation below average between the fourth quarter of 2012 through the fourth quarter 2013 remained below average;
- Of those locations, 20 were more than one standard deviation below average;
- No locations were more than two standard deviations below average;
- Groundwater elevations at monitoring wells MW-13s and MW-29s were no longer below average; and

- Wells located where surface topography results in a high horizontal gradient (MW-14d, MW-17s, MW-21, MW-22 and MW-31) were all above average.

On average, groundwater elevations declined again during the fourth quarter 2014. In summary:

- Groundwater elevations were more than one standard deviation below average at 33 sample locations;
- Groundwater elevations were two standard deviations below average at seven of those sample locations (MW-01s, MW-03s, MW-07s, MW-19d, MW-20s, MW-25s, and MW-29d);
- Groundwater elevations were below average at six (MW-13s, MW-14d, MW-22, MW-27d, MW-29s, and MW-31) of the remaining eight sample locations, including three locations where surface topography results in a high horizontal gradient (MW-14d, MW-22, and MW-31); and
- Groundwater elevations were at or above average at only two sample locations (MW-17s and MW-21), both located where surface topography results in a high horizontal gradient.

On average, groundwater elevations declined further during the second quarter 2015. In summary:

- Groundwater elevations were below average at all well locations.
- Groundwater elevations were more than two standard deviation below average at 29 sample locations;
- Groundwater elevations were at least one standard deviations below average at three additional sample locations (MW-10s, MW-12s, and MW-29s); and
- Groundwater elevations were below average by less than one standard deviation at seven locations (MW-13s, MW-14d, MW-17s, MW-21, MW-22, MW-27d, and MW-31).

Summary of Groundwater Chemical Data

Field-collected data (pH, specific conductivity, redox potential, dissolved oxygen, turbidity and temperature) are provided in Table 4. Laboratory analytical data are provided in Attachment 1. Table 5 provides a summary of detected VOCs in groundwater. The constituents of concern at the site are chlorinated VOCs (CVOCs), specifically trichloroethene (TCE), 1,1,1-trichloroethane (TCA) and their breakdown products (cis-1,2-dichloroethene [cis-DCE] and vinyl chloride). CVOC concentrations were compared to Michigan Department of Environmental Quality (MDEQ) Part 201 criteria and groundwater screening levels (GWSLs) for vapor intrusion. The observed groundwater concentrations are generally consistent with those observed during previous sample events. Groundwater elevation and VOC concentration data will continue to be collected so that the potential correlation between groundwater elevations and groundwater concentrations may be evaluated further.

VOCs in Surface Water

Table 6 provides a summary of site-specific constituents of concern in surface water. Water chemistry data for the Blood Road bridge seep sample (SEEP) and wetland sample (WL-01) collected in May 2015 can be found in Attachment 1. No VOCs were detected at these surface water sample locations.

Data Quality Assurance

Field Data

Field data were reviewed in accordance with the QAPP. TRC field personnel collected water quality data (pH, specific conductivity, redox potential, dissolved oxygen (DO), turbidity and temperature) consistent with the sampling plan described above. A spike in the measured DO was observed late in the day on May 20, 2015 which appears to have affected the calibration of the water quality meter for the remainder of the day (subsequent measurements were much higher than historic DO values at the affected sampling locations). DO readings at the affected sampling locations (MW-20s, MW-20d and MW-23) are considered anomalous and are not used. The data quality objectives for the field data were met, and, except as noted above, the data are usable.

Laboratory Data – First Quarter 2015

Forty water samples, including two equipment blanks and two field duplicates, were collected by TRC between February 24, 2015 and March 26, 2015. Samples were analyzed by TriMatrix, located in Grand Rapids, Michigan for VOCs analysis by USEPA Method 8260B following protocols specified in the QAPP. TRC performed data validation on the VOC laboratory data. Overall, the data quality objectives and laboratory completeness goals for the project were met, and the data are usable. The procedures specified in the methods were implemented, and the data package contained all of the deliverables necessary for validation of the analytical data. The complete laboratory data validation report is included in Attachment 2.

Laboratory Data – Second Quarter 2015

Sixty-five water samples, including three equipment blanks and three field duplicates, were collected by TRC between May 18, 2015 and May 28, 2015. Samples were analyzed by TriMatrix, located in Grand Rapids, Michigan for VOCs analysis by USEPA Method 8260B following protocols specified in the QAPP. TRC performed data validation on the VOC laboratory data. Overall, the data quality objectives and laboratory completeness goals for the project were met, and the data are usable. The procedures specified in the methods were implemented, and the data package contained all of the deliverables necessary for validation of the analytical data. The complete laboratory data validation report is included in Attachment 2.

Tables

Table 1
Groundwater and Surface Water Monitoring Program
Former Tecumseh Products Company Site
Tecumseh, Michigan

Groundwater Sample Location	Water Level				VOCs Analysis			
	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Groundwater Sample Locations								
MW-01s		√		√		√		√
MW-02s		√		√		√		√
MW-03s		√		√		√		√
MW-04s		√		√		√		√
MW-04i	√	√	√	√	√	√	√	√
MW-05s		√		√				√
MW-06s		√		√				√
MW-07s		√		√				√
MW-08s		√		√				
MW-08d	√	√	√	√	√	√	√	√
MW-09s	**Well Decommissioned**							
MW-10s		√		√		√		√
MW-10d		√		√				
MW-11s		√		√				√
MW-12s		√		√		√		√
MW-12d		√		√		√		√
MW-13s		√		√		√		√
MW-14s	**Well Decommissioned**							
MW-14d	√	√	√	√	√	√	√	√
MW-15s		√		√				√
MW-16s								
MW-17s		√		√		√		√
MW-18s		√		√				√
MW-19s		√		√				√
MW-19d		√		√				√
MW-20s	√	√	√	√	√	√	√	√
MW-20d	√	√	√	√	√	√	√	√
MW-21	√	√	√	√	√	√	√	√
MW-22	√	√	√	√	√	√	√	√
MW-23	√	√	√	√	√	√	√	√
MW-24s		√		√		√		√
MW-24d		√		√		√		√
MW-25s	√	√	√	√	√	√	√	√
MW-26s		√		√				√
MW-27s		√		√		√		√
MW-27d		√		√		√		√
MW-28s		√		√				√
MW-28d		√		√				√
MW-29s		√		√		√		√
MW-29d		√		√		√		√

Notes:

1. Water levels are monitored at PRB-01s and PRB-02s to facilitate preparation of a site-wide groundwater contour map. This table does not reflect sample requirements associated with routine PRB performance monitoring.

Table 1
Groundwater and Surface Water Monitoring Program
Former Tecumseh Products Company Site
Tecumseh, Michigan

Groundwater Sample Location	Water Level				VOCs Analysis			
	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Groundwater Sample Locations								
MW-30s		√		√		√		√
MW-30d		√		√		√		√
MW-31	√	√	√	√	√	√	√	√
MW-32s		√		√		√		√
MW-32d	√	√	√	√	√	√	√	√
MW-33s		√		√		√		√
MW-34s		√		√		√		√
MW-34d	√	√	√	√	√	√	√	√
MW-35i	√	√	√	√	√	√	√	√
MW-35d	√	√	√	√	√	√	√	√
MW-36s	√	√	√	√	√	√	√	√
MW-36d	√	√	√	√	√	√	√	√
MW-37s	√	√	√	√	√	√	√	√
MW-38s	√	√	√	√	√	√	√	√
MW-38d	√	√	√	√	√	√	√	√
MW-39s	√	√	√	√	√	√	√	√
MW-39d	√	√	√	√	√	√	√	√
MW-40s	√	√	√	√	√	√	√	√
MW-40d	√	√	√	√	√	√	√	√
NS-18s					√	√	√	√
NS-18i					√	√	√	√
NS-18d					√	√	√	√
NS-19s					√	√	√	√
NS-19i					√	√	√	√
NS-19d					√	√	√	√
NS-20s					√	√	√	√
NS-20i					√	√	√	√
SS-09s					√	√	√	√
SS-09i					√	√	√	√
SS-10s					√	√	√	√
SS-10i					√	√	√	√
SS-10d					√	√	√	√
PRB-01s[1]		√		√				
PRB-02s[1]		√		√				
Surface Water Sample Locations								
E. Chicago Blvd		√		√				
Russell Road		√		√				
WL-01						√		√
Seep						√		√

Notes:

1. Water levels are monitored at PRB-01s and PRB-02s to facilitate preparation of a site-wide groundwater contour map. This table does not reflect sample requirements associated with routine PRB performance monitoring.

Table 2
Groundwater and Surface Water Elevations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Well Location	Top of Well Casing (ft MSL)	Measurement Date	5/18/2015	3/25/2015	11/10/2014	7/15/2014	5/13/2014	3/27/2014	11/14/2013	8/28/2013	4/2/2013	10/2/2012	7/2/2012	4/2/2012	1/3/2012	10/3/2011	7/19/2011	4/25/2011	2/14/2011	12/10/2010	9/2/2010	5/10/2010	3/23/2010
Groundwater Monitoring Wells																							
MW-01s	796.53	Depth (ft BTOC)	18.89	--	18.49	--	18.09	--	18.89	--	18.90	18.27	17.08	16.46	16.70	17.30	16.89	17.53	18.45	18.13	17.55	17.40	17.58
		Elevation (ft MSL)	777.64	--	778.04	--	778.44	--	777.64	--	777.63	778.26	779.45	780.07	779.83	779.23	779.64	779.00	778.08	778.40	778.98	779.13	778.95
MW-02s	802.14	Depth (ft BTOC)	24.49	--	23.97	--	23.54	--	24.34	--	24.43	23.81	22.60	21.96	22.30	22.78	22.48	23.23	24.04	23.64	23.00	23.10	23.27
		Elevation (ft MSL)	777.65	--	778.17	--	778.60	--	777.80	--	777.71	778.33	779.54	780.18	779.84	779.36	779.66	778.91	778.10	778.50	779.14	779.04	778.87
MW-03s	787.00	Depth (ft BTOC)	9.94	--	9.52	--	9.14	--	9.89	--	9.87	9.43	8.38	7.85	8.09	8.51	8.26	8.71	9.58	9.20	8.70	8.60	8.79
		Elevation (ft MSL)	777.06	--	777.48	--	777.86	--	777.11	--	777.13	777.57	778.62	779.15	778.91	778.49	778.74	778.29	777.42	777.80	778.30	778.40	778.21
MW-04s	794.42	Depth (ft BTOC)	17.14	--	16.72	--	16.34	--	17.01	--	17.11	16.50	15.38	14.80	15.09	15.54	15.26	15.90	16.75	16.40	15.80	15.80	12.91*
		Elevation (ft MSL)	777.28	--	777.70	--	778.08	--	777.41	--	777.31	777.92	779.04	779.62	779.33	778.88	779.16	778.52	777.67	778.02	778.62	778.62	781.51*
MW-04i	794.29	Depth (ft BTOC)	17.00	16.95	16.55	16.15	16.20	16.51	16.94	16.55	16.96	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
		Elevation (ft MSL)	777.29	777.34	777.74	778.14	778.09	777.78	777.35	777.74	777.33	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-05s	805.59	Depth (ft BTOC)	27.49	--	26.95	--	26.60	--	27.41	--	27.39	26.73	25.43	24.86	25.19	25.74	25.29	26.20	26.95	26.62	26.00	26.00	26.16
		Elevation (ft MSL)	778.10	--	778.64	--	778.99	--	778.18	--	778.20	778.86	780.16	780.73	780.40	779.85	780.30	779.39	778.64	778.97	779.59	779.59	779.43
MW-06s	803.73	Depth (ft BTOC)	25.93	--	25.33	--	24.91	--	25.69	--	25.83	25.18	23.95	23.23	23.61	24.05	23.80	24.64	25.40	24.99	24.35	24.58	24.65
		Elevation (ft MSL)	777.80	--	778.40	--	778.82	--	778.04	--	777.90	778.55	779.78	780.50	780.12	779.68	779.93	779.09	778.33	778.74	779.38	779.15	779.08
MW-07s	804.40	Depth (ft BTOC)	26.46	--	25.92	--	25.50	--	26.28	--	26.40	25.75	24.50	23.82	24.20	24.64	24.32	25.18	25.53	25.59	25.00	25.08	25.19
		Elevation (ft MSL)	777.94	--	778.48	--	778.90	--	778.12	--	778.00	778.65	779.90	780.58	780.20	779.76	780.08	779.22	778.87	778.81	779.40	779.32	779.21
MW-08s	804.39	Depth (ft BTOC)	26.32	--	25.77	--	25.40	--	26.23	--	26.25	25.59	24.31	23.73	24.06	24.59	24.18	25.00	25.79	25.47	24.80	25.06	25.00
		Elevation (ft MSL)	778.07	--	778.62	--	778.99	--	778.16	--	778.14	778.80	780.08	780.66	780.33	779.80	780.21	779.39	778.60	778.92	779.59	779.33	779.39
MW-08d	804.19	Depth (ft BTOC)	26.25	26.16	25.68	25.23	25.31	25.88	26.10	25.73	26.15	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
		Elevation (ft MSL)	777.94	778.03	778.51	778.96	778.88	778.31	778.09	778.46	778.04	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-09s	783.97	Depth (ft BTOC)	Well Removed	Well Removed	Well Removed	Well Removed	Well Removed	Well Removed	Well Removed	Well Removed	Well Removed	Well Removed	Well Removed	Well Removed	Well Removed	Well Removed	Well Removed	5.48	6.04	6.98	5.85	5.60	5.78
		Elevation (ft MSL)																778.49	777.93	776.99	778.12	778.37	778.19
MW-10s	788.65	Depth (ft BTOC)	12.34	--	12.14	--	11.58	--	12.61	--	12.57	12.18	11.40	10.60	10.76	11.54	11.34	11.09	12.46	12.15	11.85	11.20	11.55
		Elevation (ft MSL)	776.31	--	776.51	--	777.07	--	776.04	--	776.08	776.47	777.25	778.05	777.89	777.11	777.31	777.56	776.19	776.50	776.80	777.45	777.10
MW-10d	788.40	Depth (ft BTOC)	13.19	--	12.95	--	12.33	--	13.27	--	13.11	14.25*	12.56	11.57	11.50	12.30	12.05	11.48	12.99	12.68	12.41	11.60	11.98
		Elevation (ft MSL)	775.21	--	775.45	--	776.07	--	775.13	--	775.29	774.15*	775.84	776.83	776.90	776.10	776.35	776.92	775.41	775.72	775.99	776.80	776.42
MW-11s	809.64	Depth (ft BTOC)	31.53	--	30.94	--	30.49	--	31.26	--	31.41	30.74	29.50	28.75	29.15	29.50	29.43	30.21	30.95	30.49	29.90	30.20	30.29
		Elevation (ft MSL)	778.11	--	778.70	--	779.15	--	778.38	--	778.23	778.90	780.14	780.89	780.49	780.14	780.21	779.43	778.69	779.15	779.74	779.44	779.35
MW-12s	790.90	Depth (ft BTOC)	14.74	--	14.35	--	13.85	--	14.59	--	14.96	14.49	13.45	12.75	13.06	13.61	13.34	13.95	14.70	14.34	13.85	13.90	14.06
		Elevation (ft MSL)	776.16	--	776.55	--	777.05	--	776.31	--	775.94	776.41	777.45	778.15	777.84	777.29	777.56	776.95	776.20	776.56	777.05	777.00	776.84
MW-12d	790.48	Depth (ft BTOC)	14.94	--	14.50	--	14.03	--	14.72	--	14.84	14.34	13.35	12.66	13.01	13.49	13.24	13.90	14.61	14.23	12.70*	13.81	13.93
		Elevation (ft MSL)	775.54	--	775.98	--	776.45	--	775.76	--	775.64	776.14	777.13	777.82	777.47	776.99	777.24	776.58	775.87	776.25	777.78*	776.67	776.55
MW-13s	787.35	Depth (ft BTOC)	15.93	--	16.05	--	15.35	--	16.30	--	16.43	14.16*	15.58	14.94	15.20	15.69	15.21	15.50	16.89	16.15	15.70	15.50	15.82
		Elevation (ft MSL)	771.42	--	771.30	--	772.00	--	771.05	--	770.92	773.19*	771.77	772.41	772.15	771.66	772.14	771.85	770.46	771.20	771.65	771.85	771.53
MW-14s	780.67	Depth (ft BTOC)	Well Removed	Well Removed	Well Removed	Well Removed	Well Removed	Well Removed	Well Removed	--	4.22	8.10	6.85	4.11	2.90	6.29	5.88	2.43	6.36	6.80	7.05	3.60	3.62
		Elevation (ft MSL)								--	776.45	772.57	773.82	776.56	777.77	774.38	774.79	778.24	774.31	773.87	773.62	777.07	777.05
MW-14d	780.51	Depth (ft BTOC)	30.07	30.04	29.94	29.86	29.61	--	29.93	--	29.77	30.29	30.08	29.56	29.51	30.06	29.78	29.73	30.28	30.19	30.10	29.85	29.97
		Elevation (ft MSL)	750.44	750.47	750.57	750.65	750.90	--	750.58	--	750.74	750.22	750.43	750.95	751.00	750.45	750.73	750.78	750.23	750.32	750.41	750.66	750.54
MW-15s	811.72	Depth (ft BTOC)	32.92	--	32.34	--	31.94	--	32.80	--	32.83	32.12	30.72	30.21	30.61	31.10	30.61	31.63	32.33	32.03	31.25	31.50	31.48
		Elevation (ft MSL)	778.80	--	779.38	--	779.78	--	778.92	--	778.89	779.60	781.51	781.51	781.11	780.62	781.11	780.09	779.39	779.69	780.47	780.22	780.24

Notes:

Survey conducted by Midwestern Consultants, Inc. (2009 - 2015)
ft MSL - feet above mean sea level
ft BTOC - feet below top of casing
NI - Not installed at time of measurement
Dry - Insufficient groundwater present for measurement
-- Not measured
* Measured depth to water is anomalous. Datum was not used.

Table 2
Groundwater and Surface Water Elevations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Well Location	Top of Well Casing (ft MSL)	Measurement Date	5/18/2015	3/25/2015	11/10/2014	7/15/2014	5/13/2014	3/27/2014	11/14/2013	8/28/2013	4/2/2013	10/2/2012	7/2/2012	4/2/2012	1/3/2012	10/3/2011	7/19/2011	4/25/2011	2/14/2011	12/10/2010	9/2/2010	5/10/2010	3/23/2010
Groundwater Monitoring Wells																							
MW-16s	782.90	Depth (ft BTOC)	--	--	--	--	--	--	--	--	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
		Elevation (ft MSL)	--	--	--	--	--	--	--	--													
MW-17s	754.49	Depth (ft BTOC)	5.33	--	5.21	--	4.91	4.96	--	--	5.20	5.54	5.56	5.02	5.02	5.40	5.31	5.05	5.41	5.44	5.50	5.18	5.25
		Elevation (ft MSL)	749.16	--	749.28	--	749.58	749.53	--	--	749.29	748.95	748.93	749.47	749.47	749.09	749.18	749.44	749.08	749.05	748.99	749.31	749.24
MW-18s	805.49	Depth (ft BTOC)	27.35	--	26.84	--	26.44	--	27.25	--	27.28	26.78	25.35	24.77	25.07	25.61	25.31	26.10	26.82	26.50	25.80	25.95	26.02
		Elevation (ft MSL)	778.14	--	778.65	--	779.05	--	778.24	--	778.21	778.71	780.14	780.72	780.42	779.88	780.18	779.39	778.67	778.99	779.69	779.54	779.47
MW-19s	803.92	Depth (ft BTOC)	27.00*	--	25.22	--	24.86	--	25.71	--	25.60	25.02	23.72	23.16	23.43	24.08	23.58	24.38	25.20	24.91	24.25	24.25	24.26
		Elevation (ft MSL)	776.92*	--	778.70	--	779.06	--	778.21	--	778.32	778.90	780.20	780.76	780.49	779.84	780.34	779.54	778.72	779.01	779.67	779.67	779.66
MW-19d	804.04	Depth (ft BTOC)	25.82	--	25.37	--	25.01	--	25.82	--	25.73	25.12	23.89	23.23	23.54	24.18	23.70	24.50	25.34	25.03	24.40	24.35	24.41
		Elevation (ft MSL)	778.22	--	778.67	--	779.03	--	778.22	--	778.31	778.92	780.15	780.81	780.50	779.86	780.34	779.54	778.70	779.01	779.64	779.69	779.63
MW-20s	783.16	Depth (ft BTOC)	6.35	6.10	5.89	5.60	5.50	--	6.32	--	6.41	7.66*	4.60	3.96	4.11	4.73	4.38	4.86	5.81	5.53	5.00	4.80	4.97
		Elevation (ft MSL)	776.81	777.06	777.27	777.56	777.66	--	776.84	--	776.75	775.50*	778.56	779.20	779.05	778.43	778.78	778.30	777.35	777.63	778.16	778.36	778.19
MW-20d	783.29	Depth (ft BTOC)	12.65*	15.91	15.70	15.47	15.27	--	15.50	--	15.13	14.95	14.20	13.68	13.71	11.28*	14.57	14.55	15.17	14.91	14.10	12.80	12.62
		Elevation (ft MSL)	770.64*	767.38	767.59	767.82	768.02	--	767.79	--	768.16	768.34	769.09	769.61	769.58	772.01*	768.72	768.74	768.12	768.38	769.19	770.49	770.67
MW-21	780.85	Depth (ft BTOC)	29.56	29.58	29.40	29.30	29.00	29.08	29.43	29.18	29.24	29.88	29.56	29.00	28.91	29.54	29.19	29.34	29.87	29.75	29.60	29.35	29.51
		Elevation (ft MSL)	751.29	751.27	751.45	751.55	751.85	751.77	751.42	751.67	751.61	750.97	751.29	751.85	751.94	751.31	751.66	751.51	750.98	751.10	751.25	751.50	751.34
MW-22	782.62	Depth (ft BTOC)	25.00	24.88	24.96	25.12	24.79	24.61	--	--	24.63	25.01	24.07	24.85	24.86	24.96	24.98	24.76	24.91	25.03	25.15	24.88	24.88
		Elevation (ft MSL)	757.62	757.74	757.66	757.50	757.83	758.01	--	--	757.99	757.61	758.55	757.77	757.76	757.66	757.64	757.86	757.71	757.59	757.47	757.74	757.74
MW-23	787.10	Depth (ft BTOC)	10.59	10.55	10.18	9.68	9.80	--	10.44	--	10.54	10.05	9.09	8.41	8.68	9.20	9.00	9.47	10.32	9.97	9.45	9.45	9.50
		Elevation (ft MSL)	776.51	776.55	776.92	777.42	777.30	--	776.66	--	776.56	777.05	778.01	778.69	778.42	777.90	778.10	777.63	776.78	777.13	777.65	777.65	777.60
MW-24s	797.83	Depth (ft BTOC)	20.60	--	20.12	--	19.63	--	20.39	--	20.53	19.99	18.84	18.03	18.45	19.04	18.73	19.43	20.24	19.83	19.30	19.37	19.49
		Elevation (ft MSL)	777.23	--	777.71	--	778.20	--	777.44	--	777.30	777.84	778.99	779.80	779.38	778.79	779.10	778.40	777.59	778.00	778.53	778.46	778.34
MW-24d	797.93	Depth (ft BTOC)	20.71	--	20.22	--	19.72	--	20.51	--	20.64	19.77*	18.96	18.14	18.60	19.15	18.85	19.52	20.31	19.95	19.35	19.45	19.58
		Elevation (ft MSL)	777.22	--	777.71	--	778.21	--	777.42	--	777.29	778.16*	778.97	779.79	779.33	778.78	779.08	778.41	777.62	777.98	778.58	778.48	778.35
MW-25s	798.23	Depth (ft BTOC)	20.38	20.20	19.95	19.55	19.54	--	20.36	--	20.29	19.71	18.50	17.87	18.11	18.76	18.31	18.96	19.90	19.60	19.00	18.80	18.97
		Elevation (ft MSL)	777.85	778.03	778.28	778.68	778.69	--	777.87	--	777.94	778.52	779.73	780.36	780.12	779.47	779.92	779.27	778.33	778.63	779.23	779.43	779.26
MW-26s	805.73	Depth (ft BTOC)	27.43	--	26.99	--	26.64	--	27.41	--	27.31	26.75	25.47	24.92	25.15	25.80	25.31	26.11	26.95	26.68	26.00	26.00	26.10
		Elevation (ft MSL)	778.30	--	778.74	--	779.09	--	778.32	--	778.42	778.98	780.26	780.81	780.58	779.93	780.42	779.62	778.78	779.05	779.73	779.73	779.63
MW-27s	781.39	Depth (ft BTOC)	4.19	--	3.79	--	3.29	--	4.09	--	4.17	3.65	2.83	2.30	2.31	2.84	2.45	2.79	3.77	3.58	3.15	2.83	3.12
		Elevation (ft MSL)	777.20	--	777.60	--	778.10	--	777.30	--	777.22	777.74	778.56	779.09	779.08	778.55	778.94	778.60	777.62	777.81	778.24	778.56	778.27
MW-27d	781.40	Depth (ft BTOC)	23.67	--	23.61	--	23.18	--	23.60	--	23.41	23.85	23.50	23.13	23.11	23.55	23.22	23.40	24.08	23.94	23.65	23.50	23.63
		Elevation (ft MSL)	757.73	--	757.79	--	758.22	--	757.80	--	757.99	757.55	757.90	758.27	758.29	757.85	758.18	758.00	757.32	757.46	757.75	757.90	757.77
MW-28s	804.68	Depth (ft BTOC)	26.79	--	26.24	--	25.75	--	26.60	--	26.71	26.06	24.82	24.09	24.49	24.92	24.70	25.47	26.30	25.86	25.20	25.45	25.53
		Elevation (ft MSL)	777.89	--	778.44	--	778.93	--	778.08	--	777.97	778.62	779.86	780.59	780.19	779.76	779.98	779.21	778.38	778.82	779.48	779.23	779.15
MW-28d	804.92	Depth (ft BTOC)	27.03	--	26.49	--	26.03	--	26.81	--	26.97	26.30	25.08	24.33	24.71	25.16	24.95	25.75	26.54	26.10	25.50	25.70	25.81
		Elevation (ft MSL)	777.89	--	778.43	--	778.89	--	778.11	--	777.95	778.62	779.84	780.59	780.21	779.76	779.97	779.17	778.38	778.82	779.42	779.22	779.11
MW-29s	788.16	Depth (ft BTOC)	16.03	--	15.94	--	15.50	--	16.20	--	16.37	15.91	15.40	14.92	11.30*	15.48	15.50	15.40	16.22	16.18	15.55	15.50	15.80
		Elevation (ft MSL)	772.13	--	772.22	--	772.66	--	771.96	--	771.79	772.25	772.76	773.24	776.86*	772.68	772.66	772.76	771.94	771.98	772.61	772.66	772.36
MW-29d	788.16	Depth (ft BTOC)	19.52	--	19.12	--	18.90	--	20.02	--	19.29	19.14	18.43	17.75	18.16	18.23	18.28	18.90	18.95	18.28	18.55	18.60	18.74
		Elevation (ft MSL)	768.64	--	769.04	--	769.26	--	768.14	--	768.87	769.02	769.73	770.41	770.00	769.93	769.88	769.26	769.21	769.88	769.61	769.56	769.42
MW-30s	787.69	Depth (ft BTOC)	10.91	--	10.58	--	10.06	--	10.86	--	10.91	10.52	9.55	8.88	9.08	9.66	9.40	9.58	10.74	10.36	9.90	9.75	9.89
		Elevation (ft MSL)	776.78	--	777.11	--	777.63	--	776.83	--	776.78	777.17	778.14	778.81	778.61	778.03	778.29	778.11	776.95	777.33	777.79	777.94	777.80

Notes:

Survey conducted to feet mean sea level by Midwestern Consultants, Inc. (2009 - 2015)
ft MSL - feet above mean sea level
ft BTOC - feet below top of casing
NI - Not installed at time of measurement
Dry - Insufficient groundwater present for measurement
-- Not measured
* Measured depth to water is anomalous. Datum was not used.

Table 2
Groundwater and Surface Water Elevations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Well Location	Top of Well Casing (ft MSL)	Measurement Date	5/18/2015	3/25/2015	11/10/2014	7/15/2014	5/13/2014	3/27/2014	11/14/2013	8/28/2013	4/2/2013	10/2/2012	7/2/2012	4/2/2012	1/3/2012	10/3/2011	7/19/2011	4/25/2011	2/14/2011	12/10/2010	9/2/2010	5/10/2010	3/23/2010
Groundwater Monitoring Wells																							
MW-30d	787.66	Depth (ft BTOC)	10.87	--	10.52	--	10.00	--	10.80	--	10.93	10.43	9.41	8.75	9.02	9.54	9.29	9.25	10.63	10.27	9.80	9.68	9.85
		Elevation (ft MSL)	776.79	--	777.14	--	777.66	--	776.86	--	776.73	777.23	778.25	778.91	778.64	778.12	778.37	778.41	777.03	777.39	777.86	777.98	777.81
MW-31	782.36	Depth (ft BTOC)	32.91	32.82	32.75	32.72	32.46	32.50	--	32.63	32.68	33.13	32.97	32.57	32.51	32.91	32.76	31.62	33.03	33.03	33.00	32.60	NI
		Elevation (ft MSL)	749.45	749.54	749.61	749.64	749.90	749.86	--	749.73	749.68	749.23	749.39	749.79	749.85	749.45	749.60	750.74	749.33	749.33	749.36	749.76	NI
MW-32s	802.59	Depth (ft BTOC)	24.81	--	24.32	23.83	23.96	--	24.67	--	--	24.14	22.89	22.33	21.59*	23.15	22.81	23.54	24.35	23.96	23.45	NI	NI
		Elevation (ft MSL)	777.78	--	778.27	778.76	778.63	--	777.92	--	--	778.45	779.70	780.26	781.00*	779.44	779.78	779.05	778.24	778.63	779.14	NI	NI
MW-32d	802.63	Depth (ft BTOC)	24.88	--	24.31	23.85	23.94	24.43	24.70	24.38	--	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
		Elevation (ft MSL)	777.75	--	778.32	778.78	778.69	778.20	777.93	778.25	--	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-33s	799.49	Depth (ft BTOC)	21.89	--	21.44	--	21.09	--	21.83	--	--	21.28	20.08	19.50	19.77	19.30*	19.95	20.68	21.36	21.11	20.62	NI	NI
		Elevation (ft MSL)	777.60	--	778.05	--	778.40	--	777.66	--	--	778.21	779.41	779.99	779.72	780.19*	779.54	778.81	778.13	778.38	778.87	NI	NI
MW-34s	802.78	Depth (ft BTOC)	24.96	--	24.49	--	24.09	--	24.91	--	--	24.29	23.04	22.43	22.70	23.35	22.89	23.63	24.49	24.15	23.60	NI	NI
		Elevation (ft MSL)	777.82	--	778.29	--	778.69	--	777.87	--	--	778.49	779.74	780.35	780.08	779.43	779.89	779.15	778.29	778.63	779.18	NI	NI
MW-34d	802.78	Depth (ft BTOC)	25.00	24.83	24.50	24.05	24.18	24.45	24.91	24.51	--	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
		Elevation (ft MSL)	777.78	777.95	778.28	778.73	778.60	778.33	777.87	778.27	--	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-35i	793.98	Depth (ft BTOC)	16.60	16.46	16.15	15.88	15.65	16.04	16.59	16.28	16.58	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
		Elevation (ft MSL)	777.38	777.52	777.83	778.10	778.33	777.94	777.39	777.70	777.40	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-35d	793.99	Depth (ft BTOC)	16.66	16.39	16.17	15.83	15.84	16.00	16.64	16.25	--	15.97	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
		Elevation (ft MSL)	777.33	777.60	777.82	778.16	778.15	777.99	777.35	777.74	--	778.02	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-36s	793.95	Depth (ft BTOC)	16.56	16.42	16.09	15.77	15.75	16.02	16.52	16.20	16.53	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
		Elevation (ft MSL)	777.39	777.53	777.86	778.18	778.20	777.93	777.43	777.75	777.42	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-36d	793.72	Depth (ft BTOC)	16.31	16.23	15.81	15.50	15.54	15.91	16.24	15.92	16.28	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
		Elevation (ft MSL)	777.41	777.49	777.91	778.22	778.18	777.81	777.48	777.80	777.44	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-37s	803.22	Depth (ft BTOC)	25.28	25.12	24.74	24.35	24.37	24.80	--	24.81	25.19	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
		Elevation (ft MSL)	777.94	778.10	778.48	778.87	778.85	778.42	--	778.41	778.03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-38s	783.69	Depth (ft BTOC)	9.60	9.44	9.64	9.45	9.05	--	9.82	9.74	9.81	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
		Elevation (ft MSL)	774.09	774.25	774.05	774.24	774.64	--	773.87	773.95	773.88	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-38d	783.55	Depth (ft BTOC)	31.48	31.45	31.24	31.20	30.86	31.00	31.33	31.00	31.14	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
		Elevation (ft MSL)	752.07	752.10	752.31	752.35	752.69	752.55	752.22	752.55	752.41	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-39s	792.84	Depth (ft BTOC)	15.41	15.28	14.95	14.62	14.59	14.85	15.34	15.00	15.38	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
		Elevation (ft MSL)	777.43	777.56	777.89	778.22	778.25	777.99	777.50	777.84	777.46	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-39d	792.68	Depth (ft BTOC)	15.21	15.11	14.76	14.40	14.48	14.60	15.21	14.85	15.21	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
		Elevation (ft MSL)	777.47	777.57	777.92	778.28	778.20	778.08	777.47	777.83	777.47	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-40s	776.49	Depth (ft BTOC)	22.45	22.46	22.38	22.24	22.03	23.05*	22.33	22.06	22.12	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
		Elevation (ft MSL)	754.04	754.03	754.11	754.25	754.46	753.44*	754.16	754.43	754.37	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-40d	776.25	Depth (ft BTOC)	22.25	22.20	22.07	21.97	21.84	21.84	22.11	21.82	21.87	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
		Elevation (ft MSL)	754.00	754.05	754.18	754.28	754.41	754.41	754.14	754.43	754.38	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
PRB-01s	784.06	Depth (ft BTOC)	7.50	--	7.14	--	6.80	--	7.57	--	7.73	6.84	5.81	5.10	5.20	5.85	5.49	NI	NI	NI	NI	NI	NI
		Elevation (ft MSL)	776.56	--	776.92	--	777.26	--	776.49	--	776.33	777.22	778.25	778.96	778.86	778.21	778.57	NI	NI	NI	NI	NI	NI
PRB-02s	784.07	Depth (ft BTOC)	7.50	--	7.19	--	6.77	--	7.63	--	7.71	6.85	5.84	5.06	5.20	5.82	5.52	NI	NI	NI	NI	NI	NI
		Elevation (ft MSL)	776.57	--	776.88	--	777.30	--	776.44	--	776.36	777.22	778.23	779.01	778.87	778.25	778.55	NI	NI	NI	NI	NI	NI
Surface Water Measurement Points (River Raisin)																							
E. Chicago Blvd	756.50	Depth (ft BTOC)	14.46	--	14.60	--	--	--	14.10	--	14.30	13.98	15.00	13.87	13.17	14.15	14.60	11.50*	14.46	13.89	14.90	13.42	13.32
		Elevation (ft MSL)	742.04	--	741.90	--	--	--	742.40	--	742.20	742.52	741.50	742.63	743.33	742.35	741.90	745.00	742.04	742.61	741.60	743.08	743.18
Russell Road	755.23	Depth (ft BTOC)	19.65	--	19.17	--	--	--	22.09	--	22.10	19.05	23.18	18.96	20.75	21.70	22.65	19.50	19.99	22.04	20.40	18.65	18.50
		Elevation (ft MSL)	735.58	--	736.06	--	--	--	733.14	--	733.13	736.18	732.05	736.27	734.48	733.53	732.58	735.73	735.24	733.19	734.83	736.58	736.73

Notes:

Survey conducted by Midwestern Consultants, Inc. (2009 - 2015)

ft MSL - feet above mean sea level

ft BTOC - feet below top of casing

NI - Not installed at time of measurement

Dry - Insufficient groundwater present for measurement

-- Not measured

* Measured depth to water is anomalous. Datum was not used.

Table 3
Vertical Gradient Calculations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Well Pair Location	Measurement Date	Shallow Groundwater Elevation (ft MSL)	Deep Groundwater Elevation (ft MSL)	Vertical Gradient (ft/ft)
MW-4s/i	4/2/2013	777.31	777.33	0.003
	11/14/2013	777.41	777.35	-0.009
	5/13/2014	778.08	778.09	0.002
	11/10/2014	777.70	777.74	0.006
	5/18/2015	777.28	777.29	0.002
MW-8s/d	4/2/2013	778.14	778.04	-0.006
	11/14/2013	778.16	778.09	-0.004
	5/13/2014	778.99	778.88	-0.007
	11/10/2014	778.62	778.51	-0.007
	5/18/2015	778.07	777.94	-0.008
MW-10s/d	12/7/2009	777.08	776.30	-0.13
	3/23/2010	777.10	776.42	-0.11
	5/10/2010	777.45	776.80	-0.11
	9/2/2010	776.80	775.99	-0.13
	12/10/2010	776.50	775.72	-0.13
	2/14/2011	776.19	775.41	-0.13
	4/25/2011	777.56	776.92	-0.11
	7/19/2011	777.31	776.35	-0.16
	10/3/2011	777.11	776.10	-0.17
	1/3/2012	777.89	776.90	-0.17
	4/2/2012	778.05	776.83	-0.20
	7/2/2012	777.25	775.84	-0.23
	4/2/2013	776.08	775.29	-0.13
	11/14/2013	776.04	775.13	-0.15
	5/13/2014	777.07	776.07	-0.17
	11/10/2014	776.51	775.45	-0.18
	5/18/2015	776.31	775.21	-0.18
MW-12s/d	3/23/2010	776.84	776.55	-0.014
	5/10/2010	777.00	776.67	-0.016
	12/10/2010	776.56	776.25	-0.015
	2/14/2011	776.20	775.87	-0.016
	4/25/2011	776.95	776.58	-0.018
	7/19/2011	777.56	777.24	-0.015
	10/3/2011	777.29	776.99	-0.014
	1/3/2012	777.84	777.47	-0.018
	4/2/2012	778.15	777.82	-0.016
	7/2/2012	777.45	777.13	-0.015
	10/2/2012	776.41	776.14	-0.013
	4/2/2013	775.94	775.64	-0.014
	11/14/2013	776.31	775.76	-0.026
	5/13/2014	777.05	776.45	-0.029
	11/10/2014	776.55	775.98	-0.027
	5/18/2015	776.16	775.54	-0.030

Notes:
ft MSL - feet above mean sea level
* Anomalous, datum was not used.

Table 3
Vertical Gradient Calculations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Well Pair Location	Measurement Date	Shallow Groundwater Elevation (ft MSL)	Deep Groundwater Elevation (ft MSL)	Vertical Gradient (ft/ft)
MW-19s/d	12/7/2009	779.87	779.87	0.000
	3/23/2010	779.66	779.63	-0.002
	5/10/2010	779.67	779.69	0.001
	9/2/2010	779.67	779.64	-0.002
	12/10/2010	779.01	779.01	0.000
	2/14/2011	778.72	778.70	-0.001
	4/25/2011	779.54	779.54	0.000
	7/19/2011	780.34	780.34	0.000
	10/3/2011	779.84	779.86	0.001
	1/3/2012	780.49	780.50	0.001
	4/2/2012	780.76	780.81	0.003
	7/2/2012	780.20	780.15	-0.003
	10/2/2012	778.90	778.92	0.001
	4/2/2013	778.32	778.31	-0.001
	11/14/2013	778.21	778.22	0.001
	5/13/2014	779.06	779.03	-0.002
	11/10/2014	778.70	778.67	-0.002
	5/18/2015	776.92*	778.22	0.086*
MW-20s/d	12/7/2009	778.31	771.31	-0.23
	3/23/2010	778.19	770.67	-0.25
	5/10/2010	778.36	770.49	-0.26
	9/2/2010	778.16	769.19	-0.29
	12/10/2010	777.63	768.38	-0.30
	2/14/2011	777.35	768.12	-0.30
	4/25/2011	778.30	768.74	-0.31
	7/19/2011	778.78	768.72	-0.33
	10/3/2011	778.43	772.01*	-0.21*
	1/3/2012	779.05	769.58	-0.31
	4/2/2012	779.20	769.61	-0.31
	7/2/2012	778.56	769.09	-0.31
	4/2/2013	776.75	768.16	-0.28
	11/14/2013	776.84	767.79	-0.30
	5/13/2014	777.66	768.02	-0.32
	7/15/2014	777.56	767.82	-0.32
	11/10/2014	777.27	767.59	-0.32
	3/25/2015	777.06	767.38	-0.32
	5/18/2015	776.81	770.64*	-0.20*

Notes:
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Table 3
Vertical Gradient Calculations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Well Pair Location	Measurement Date	Shallow Groundwater Elevation (ft MSL)	Deep Groundwater Elevation (ft MSL)	Vertical Gradient (ft/ft)
MW-24s/d	12/7/2009	778.73	778.73	0.000
	3/23/2010	778.34	778.35	0.000
	5/10/2010	778.46	778.48	0.001
	9/2/2010	778.53	778.58	0.002
	12/10/2010	778.00	777.98	-0.001
	2/14/2011	777.59	777.62	0.001
	4/25/2011	778.40	778.41	0.000
	7/19/2011	779.10	779.08	-0.001
	10/3/2011	778.79	778.78	0.000
	1/3/2012	779.38	779.33	-0.002
	4/2/2012	779.80	779.79	0.000
	7/2/2012	778.99	778.97	-0.001
	4/2/2013	777.30	777.29	0.000
	11/14/2013	777.44	777.42	-0.001
	5/13/2014	778.20	778.21	0.0005
	11/10/2014	777.71	777.71	0.000
	5/18/2015	777.23	777.22	-0.0005
MW-27s/d	3/23/2010	778.27	757.77	-0.67
	5/10/2010	778.56	757.90	-0.68
	9/2/2010	778.24	757.75	-0.67
	12/10/2010	777.81	757.46	-0.67
	2/14/2011	777.62	757.32	-0.67
	4/25/2011	778.60	758.00	-0.68
	7/19/2011	778.94	758.18	-0.68
	10/3/2011	778.55	757.85	-0.68
	1/3/2012	779.08	758.29	-0.68
	4/2/2012	779.09	758.27	-0.68
	7/2/2012	778.56	757.90	-0.68
	10/2/2012	777.74	757.55	-0.66
	4/2/2013	777.22	757.99	-0.63
	11/14/2013	777.30	757.80	-0.64
	5/13/2014	778.10	758.22	-0.65
	11/10/2014	777.60	757.79	-0.65
	5/18/2015	777.20	757.73	-0.64

Notes:
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Table 3
Vertical Gradient Calculations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Well Pair Location	Measurement Date	Shallow Groundwater Elevation (ft MSL)	Deep Groundwater Elevation (ft MSL)	Vertical Gradient (ft/ft)
MW-28s/d	3/23/2010	779.15	779.11	-0.002
	5/10/2010	779.23	779.22	0.000
	9/2/2010	779.48	779.42	-0.002
	12/10/2010	778.82	778.82	0.000
	2/14/2011	778.38	778.38	0.000
	4/25/2011	779.21	779.17	-0.002
	7/19/2011	779.98	779.97	0.000
	10/3/2011	779.76	779.76	0.000
	1/3/2012	780.19	780.21	0.001
	4/2/2012	780.59	780.59	0.000
	7/2/2012	779.86	779.84	-0.001
	10/2/2012	778.62	778.62	0.000
	4/2/2013	777.97	777.95	-0.001
	11/14/2013	778.08	778.11	0.001
	5/13/2014	778.93	778.89	-0.002
	11/10/2014	778.44	778.43	-0.0004
	5/18/2015	777.89	777.89	0.000
MW-29s/d	3/23/2010	772.36	769.42	-0.065
	5/10/2010	772.66	769.56	-0.068
	9/2/2010	772.61	769.61	-0.066
	12/10/2010	771.98	769.88	-0.046
	2/14/2011	771.94	769.21	-0.060
	4/25/2011	772.76	769.26	-0.077
	7/19/2011	772.66	769.88	-0.061
	10/3/2011	772.68	769.93	-0.060
	4/2/2012	773.24	770.41	-0.062
	7/2/2012	772.76	769.73	-0.067
	10/2/2012	772.25	769.02	-0.071
	4/2/2013	771.79	768.87	-0.064
	11/14/2013	771.96	768.14	-0.084
	5/13/2014	772.66	769.26	-0.075
	11/10/2014	772.22	769.04	-0.070
	5/18/2015	772.13	768.64	-0.077
MW-30s/d	3/23/2010	777.80	777.81	0.001
	5/10/2010	777.94	777.98	0.003
	9/2/2010	777.79	777.86	0.005
	12/10/2010	777.33	777.39	0.004
	2/14/2011	776.95	777.03	0.006
	4/25/2011	778.11	778.41	0.021*
	7/19/2011	778.29	778.37	0.006
	10/3/2011	778.03	778.12	0.006
	1/3/2012	778.61	778.64	0.002
	4/2/2012	778.81	778.91	0.007
	7/2/2012	778.14	778.25	0.008
	10/2/2012	777.17	777.23	0.004
	4/2/2013	776.78	776.73	-0.003
	11/14/2013	776.83	776.86	0.002
	5/13/2014	777.63	777.66	0.002
	11/10/2014	777.11	777.14	0.002
	5/18/2015	776.78	776.79	0.001

Notes:
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Table 3
Vertical Gradient Calculations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Well Pair Location	Measurement Date	Shallow Groundwater Elevation (ft MSL)	Deep Groundwater Elevation (ft MSL)	Vertical Gradient (ft/ft)
MW-32s/d	11/14/2013	777.92	777.93	0.001
	5/13/2014	778.63	778.69	0.005
	7/15/2014	778.76	778.78	0.002
	11/10/2014	778.27	778.32	0.004
	5/18/2015	777.78	777.75	-0.002
MW-34s/d	11/14/2013	777.87	777.87	0.000
	5/13/2014	778.69	778.60	-0.004
	11/10/2014	778.29	778.28	-0.0005
	5/18/2015	777.82	777.78	-0.002
MW-35i/d	8/28/2013	777.70	777.74	0.002
	11/14/2013	777.39	777.35	-0.002
	3/27/2014	777.94	777.99	0.002
	5/13/2014	778.33	778.15	-0.008
	7/15/2014	778.10	778.16	0.003
	11/10/2014	777.83	777.82	-0.0005
	3/25/2015	777.52	777.60	0.004
	5/18/2015	777.38	777.33	-0.002
MW-36s/d	4/2/2013	777.42	777.44	0.001
	8/28/2013	777.75	777.80	0.003
	11/14/2013	777.43	777.48	0.003
	3/27/2014	777.93	777.81	-0.008
	5/13/2014	778.20	778.18	-0.001
	7/15/2014	778.18	778.22	0.003
	11/10/2014	777.86	777.91	0.003
	3/25/2015	777.53	777.49	-0.003
	5/18/2015	777.39	777.41	0.001
MW-39s/d	4/2/2013	777.46	777.47	0.001
	8/28/2013	777.84	777.83	-0.001
	11/14/2013	777.50	777.47	-0.002
	3/27/2014	777.99	778.08	0.005
	5/13/2014	778.25	778.20	-0.003
	7/15/2014	778.22	778.28	0.003
	11/10/2014	777.89	777.92	0.002
	3/25/2015	777.56	777.57	0.001
	5/18/2015	777.43	777.47	0.002
MW-40s/d	4/2/2013	754.37	754.38	0.001
	8/28/2013	754.43	754.43	0.000
	11/14/2013	754.16	754.14	-0.001
	3/27/2014	753.44	754.41	0.055*
	5/13/2014	754.46	754.41	-0.003
	7/15/2014	754.25	754.28	0.002
	11/10/2014	754.11	754.18	0.004
	3/25/2015	754.03	754.05	0.001
	5/18/2015	754.04	754.00	-0.002

Notes:
ft MSL - feet above mean sea level
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Table 4
Summary of Field Parameters at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-01s	12/9/2009	7.29	499	161	5.68	18.3	12.64
	3/17/2010	6.40	521	84	2.4	30.1	13.34
	5/18/2010	7.45	631	110	2.1	10	11.9
	9/10/2010	NM	678	29	3.4	38	15.96
	12/28/2010	6.85	603	140	4.54	29.4	13.08
	2/25/2011	7.67	603	-5	6.80	29.6	11.22
	5/11/2011	6.48	611	121	1.80	20.0	12.59
	7/28/2011	7.61	720	-74	0.20	21.8	15.40
	10/6/2011	7.16	692	33.1	41.3*	0.50	15.60
	1/9/2012	7.04	628	67	3.11	0.00	13.43
	4/4/2012	7.39	573	30	3.26	9.5	12.93
	7/11/2012	7.41	620	35	3.23	9.0	15.00
	10/8/2012	7.73	586	6	2.77	10.2	15.68
	6/11/2013	7.33	546	27	1.87	8.2	13.44
	11/12/2013	7.11	695	24	4.29	25.9	13.78
	5/21/2014	7.46	750	46	4.36	30.1	11.67
	11/26/2014	7.21	775	67	7.26	31.9	12.49
	5/21/2015	7.38	644	174.5	3.36	2.36	10.10
MW-02s	12/9/2009	6.67	1,238	192	3.92	79.1	14.78
	3/17/2010	7.31	859	55	0.80	18.7	14.81
	5/18/2010	7.41	1,379	156	1.2	84	13.9
	9/10/2010	NM	1,413	35	1.6	49	16.16
	12/22/2010	6.97	1,500	28	2.82	33.0	14.90
	2/24/2011	7.06	1,450	-25	2.41	32.7	14.50
	5/10/2011	7.61	1,094	17	2.00	22.9	15.22
	7/28/2011	7.66	1,380	54	1.50	19.1	16.55
	10/7/2011	7.30	1,602	116.9	46.2*	6.08	15.48
	1/10/2012	7.11	2,120	119	2.98	1.30	14.43
	4/5/2012	7.23	1,290	23	1.92	9.2	13.91
	7/11/2012	7.41	1,028	45	1.62	15.0	16.04
	10/25/2012	7.42	1,016	109	2.48	69.8	15.90
	6/11/2013	7.04	1,051	185	1.18	9.3	14.48
	11/12/2013	6.88	1,160	140	2.09	26.9	13.58
	5/19/2014	7.51	1,146	21	1.07	25.0	13.61
	11/29/2014	7.25	1,560	37	2.55	32.0	13.05
	5/51/15	7.49	1,155	46.5	1.76	5.92	12.55

Notes:

S.U. = standard pH units

umhos/cm = micromhos per centimeter

mV = millivolts

mg/L = milligrams per liter

NTU = nephelometric turbidity units

°C = degrees Celsius

* = Dissolved oxygen measurement recorded in percent of saturation, not mg/L

NM = not measured

Table 4
Summary of Field Parameters at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-03s	12/8/2009	6.85	1,342	63	1.21	30.9	13.67
	3/17/2010	7.11	1,105	70	1.57	25.5	10.47
	5/18/2010	7.25	1,239	160	0.8	10	13.4
	9/10/2010	NM	1,320	11	0.5	39	18.70
	12/22/2010	6.96	1,298	24	0.44	31.9	13.42
	2/25/2011	6.82	1,466	38	0.80	25.2	8.84
	5/10/2011	7.15	1,199	39	1.55	21.5	11.00
	7/28/2011	7.14	1,347	50	0.93	19.5	17.83
	10/6/2011	6.80	1,294	63.0	28.8*	2.85	17.71
	1/10/2012	6.79	1,436	130	1.37	0.00	12.15
	4/4/2012	6.99	1,453	37	1.11	9.3	10.84
	7/11/2012	6.96	1,640	43	0.74	11.2	17.31
	10/8/2012	7.32	1,510	23	0.47	12.0	18.31
	6/3/2013	7.09	1,054	31	0.88	13.0	12.17
	11/11/2013	6.90	1,428	75	0.67	26.9	15.88
	5/19/2014	6.99	972	133	2.24	24.0	10.21
	11/29/2014	6.82	1,234	49	0.89	29.9	13.59
	5/21/2015	7.04	1,022	70.5	0.29	2.33	10.24
MW-04s	12/9/2009	6.87	970	68	7.17	4.70	15.47
	3/17/2010	6.57	763	78	0.22	16.7	15.69
	5/18/2010	7.20	928	168	0.4	5.0	13.6
	9/17/2010	7.03	817	49	0.4	33.3	18.14
	12/22/2010	6.99	838	-10	0.32	29.9	16.41
	2/25/2011	7.06	795	-9	0.60	24.5	14.15
	5/11/2011	6.84	815	50	0.93	20.2	13.75
	7/28/2011	7.26	777	-10	0.67	18.3	17.98
	10/6/2011	6.94	721	-20.0	13.8*	1.00	18.60
	1/10/2012	6.87	770	20	0.53	0.00	16.03
	4/4/2012	7.09	865	13	0.92	6.9	14.49
	7/11/2012	7.15	1,036	-2	0.28	9.7	17.73
	10/8/2012	7.39	926	-24	0.25	11.7	18.64
	6/3/2013	7.26	724	31	0.61	7.7	14.65
	11/11/2013	7.09	943	-8	0.58	26.1	16.63
	5/19/2014	6.57	655	180	1.80	23.0	12.69
	11/29/2014	6.90	826	16	0.53	28.0	15.31
	5/21/2015	7.21	682	91.0	0.30	1.25	12.41

Notes:
S.U. = standard pH units
umhos/cm = micromhos per centimeter
mV = millivolts
mg/L = milligrams per liter
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* = Dissolved oxygen measurement recorded in percent of saturation, not mg/L
NM = not measured

Table 4
Summary of Field Parameters at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-04i	4/3/2013	7.08	865	-19	0.32	5.4	14.87
	6/3/2013	7.28	923	-68	0.29	11.9	16.06
	8/29/2013	7.22	1,013	-76	0.25	21.0	17.53
	11/11/2013	7.17	1,141	-89	0.26	27.6	15.77
	3/27/2014	7.23	1,070	-40	0.12	22.0	14.00
	5/19/2014	7.23	868	-54	0.21	27.9	15.07
	7/18/2014	6.69	944	31	0.30	28.0	14.82
	11/29/2014	7.04	1,130	-66	0.19	30.0	14.80
	3/26/2015	7.23	959	-55.8	0.87	2.04	13.48
	5/21/2015	7.21	867	-29.0	0.23	2.80	13.61
MW-05s	12/10/2009	7.41	765	131	7.19	NM	10.18
	3/17/2010	7.51	678	20	3.24	39.0	12.80
	5/17/2010	7.70	920	134	1.8	10	11.8
	9/9/2010	NM	886	46	3.5	56	13.80
	12/21/2010	7.28	852	25	4.52	33.6	11.77
	2/24/2011	6.94	857	65	4.32	28.0	11.78
	5/13/2011	7.53	810	45	7.92	29.3	13.12
	7/27/2011	7.47	880	136	4.80	25.8	13.00
	10/10/2011	7.13	999	74.4	7.19	3.35	13.06
	1/9/2012	6.64	999	192	5.62	6.84	11.74
	4/9/2012	7.43	972	47	5.94	11.0	12.73
	7/10/2012	7.48	993	71	3.91	13.5	13.31
	10/25/2012	7.31	979	275	5.99	69.5	12.78
	11/8/2013	7.06	772	139	6.12	28.1	11.85
	11/25/2014	7.30	1,052	106	4.94	38.0	11.66

Notes:

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NTU = nephelometric turbidity units

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* = Dissolved oxygen measurement recorded in percent of saturation, not mg/L

NM = not measured

Table 4
Summary of Field Parameters at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-06s	12/9/2009	7.18	635	171	2.32	22.0	11.72
	3/18/2010	7.40	856	0	0.85	28.5	12.94
	5/17/2010	7.77	768	86	0.7	39	12.6
	9/10/2010	NM	1,254	116	0.9	47	12.70
	12/21/2010	7.13	979	-8	1.19	32.0	12.38
	2/18/2011	6.74	977	35	0.83	27.3	12.51
	5/10/2011	7.47	870	31	1.60	25.0	12.47
	7/27/2011	7.17	1,175	150	1.68	22.0	13.64
	10/5/2011	6.53	1,183	93.8	31.9*	0.50	13.60
	1/9/2012	7.01	988	193	1.53	5.66	11.95
	4/3/2012	7.36	1,220	30	1.95	9.0	12.69
	7/10/2012	7.26	1,560	73	2.10	14.0	13.45
	10/4/2012	6.69	805	-19.8	1.85	4.27	13.87
	11/7/2013	7.26	1,038	66	1.40	26.1	12.90
	11/24/2014	7.41	503	124	3.75	33.0	12.21
MW-07s	12/10/2009	7.27	822	95	3.41	NM	10.43
	3/17/2010	7.20	770	-2	1.69	22.9	11.91
	5/17/2010	7.73	930	151	1.5	10	11.80
	9/10/2010	NM	833	109	3.2	39	13.00
	12/21/2010	7.13	846	15	2.80	35.0	12.45
	2/24/2011	6.90	871	92	2.68	25.9	11.95
	5/13/2011	7.41	703	38	6.20	24.8	13.30
	7/27/2011	7.44	806	138	4.15	26.3	13.73
	10/10/2011	7.16	708	79.5	5.67	4.40	14.77
	1/9/2012	7.10	858	182	4.03	1.35	12.22
	4/9/2012	7.33	912	19	3.58	9.5	13.12
	7/10/2012	7.30	1,090	65	2.25	12.0	13.69
	10/19/2012	7.58	969	-10	2.50	106	13.60
	11/8/2013	6.80	711	143	3.52	26.5	12.37
	11/25/2014	7.24	844	97	3.27	36.8	11.94
MW-08s	12/10/2009	7.49	828	119	8.60	NM	10.91

Notes:
S.U. = standard pH units
umhos/cm = micromhos per centimeter
mV = millivolts
mg/L = milligrams per liter
NTU = nephelometric turbidity units
°C = degrees Celsius
* = Dissolved oxygen measurement recorded in percent of saturation, not mg/L
NM = not measured

Table 4
Summary of Field Parameters at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-08d	4/2/2013	6.95	771	-5	0.31	1.9	11.40
	6/11/2013	7.20	1,230	-45	0.12	16.0	14.77
	8/28/2013	7.19	1,040	-56	0.22	18.9	14.57
	11/13/2013	7.06	1,019	-73	0.45	29.9	10.93
	3/26/2014	8.56	1,188	-126	0.25	31.3	10.89
	5/21/2014	7.22	1,214	-58	0.22	31.5	14.37
	7/16/2014	7.15	825	-31	0.21	30.8	12.89
	11/13/2014	7.20	901	-53	0.43	38.7	11.31
	3/24/2015	7.21	878	-10.8	0.72	5.35	11.50
	5/26/2015	7.12	1,145	-25.0	0.19	6.76	12.93
MW-09s	12/9/2009	7.14	661	172	6.32	15.7	11.63
	3/18/2010	7.34	436	121	4.75	44.5	7.32
	5/18/2010	7.56	506	206	3.0	19	10.40
	9/17/2010	7.29	709	58	2.5	46.7	16.92
	2/25/2011	7.45	663	11	6.39	30.0	6.58
	5/11/2011	7.57	395	87	12.13*	24.6	9.48
MW-10s	12/9/2009	7.01	825	-1	6.16	144	9.99
	3/16/2010	7.28	816	-24	0.17	38.0	7.79
	5/12/2010	5.99	570	223	0.4	28	8.10
	9/3/2010	NM	925	-29	0.3	56	16.10
	12/16/2010	6.95	1,293	-53	0.18	49.5	10.40
	2/15/2011	6.85	1,251	-4	0.68	39.5	7.70
	5/9/2011	7.30	509	-20	0.22	38.6	7.71
	7/20/2011	7.24	878	-22	0.11	21.0	14.35
	10/4/2011	7.00	810	24.5	4.3*	2.00	14.88
	1/4/2012	6.77	754	109	0.21	24.9	9.65
	4/2/2012	7.20	785	-26	0.26	10.5	8.35
	7/5/2012	7.20	1,163	-21	0.16	16.0	13.14
	10/3/2012	6.73	806	-28.6	0.47	10.19	14.44
	6/12/2013	7.38	402	-10	0.15	11.8	10.30
	11/14/2013	6.88	921	-17	0.31	34.5	13.05
	5/22/2014	7.46	573	60	0.48	48.9	8.50
	11/21/2014	7.12	401	6.8	0.31	2.79	11.79
	5/28/2015	7.20	563	65.3	0.29	17.4	7.70
MW-10d	12/9/2009	6.98	1,150	6	1.69	0.88	10.05

Notes:
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Table 4
Summary of Field Parameters at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-11s	12/9/2009	7.14	969	140	8.59	27.2	10.18
	3/15/2010	7.31	632	83	7.05	199	11.43
	5/14/2010	6.89	728	195	2.7	85	12.1
	9/3/2010	NM	828	109	5.4	98	14.50
	12/17/2010	6.71	1,093	108	3.51	51.9	11.00
	2/17/2011	7.04	863	104	5.18	49.5	11.86
	5/12/2011	7.28	691	57	9.48	45.5	12.63
	7/22/2011	7.06	878	96	6.62	29.0	13.52
	10/7/2011	7.11	1,021	109.6	51.6*	6.40	12.68
	1/4/2012	6.96	930	122	5.81	28.5	11.34
	4/5/2012	7.24	1,220	64	7.35	24.3	11.95
	7/6/2012	7.11	1,022	65	6.98	19.0	13.60
	10/12/2012	6.74	701	205	0.18	43.7	11.96
	11/4/2013	7.20	782	86	10.28	33.0	12.17
	11/24/2014	7.13	958	133	6.40	38.5	11.46
MW-12s	12/10/2009	6.34	906	165	8.03	9.80	10.51
	3/15/2010	7.40	965	80	6.61	39.4	10.12
	5/14/2010	7.11	2,000	200	2.7	10	10.6
	9/3/2010	NM	1,650	108	5.4	46	16.30
	12/14/2010	6.97	1,371	34	6.61	35.3	11.70
	2/14/2011	NM	1,228	41	7.72	27.5	10.87
	5/12/2011	7.23	2,100	37	9.25	27.3	11.73
	7/20/2011	6.89	1,580	149	6.69	24.5	13.80
	10/7/2011	7.21	1,016	84.0	59.0*	5.35	15.60
	1/4/2012	6.94	1,201	123	4.35	21.6	12.01
	4/6/2012	6.97	1,142	40	6.06	9.3	10.43
	7/9/2012	7.26	1,103	48	6.20	13.0	13.85
	10/12/2012	8.33	867	14	6.06	185	15.55
	5/30/2013	7.27	1,490	82	5.84	14.0	12.32
	11/7/2013	6.84	1,145	88	8.11	32.7	13.90
	5/14/2014	7.15	2,290	49	6.31	24.0	10.30
	11/19/2014	7.21	882	74.5	7.61	0.22	12.90
	5/28/2015	7.14	1,320	123.0	3.78	1.85	10.60

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Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-12d	3/18/2010	7.14	1,780	-94	0.23	59.2	12.07
	5/14/2010	7.19	1,880	-46	0.2	15	12.2
	9/3/2010	NM	2,200	-93	0.3	110	15.60
	12/14/2010	6.96	2,250	-91	0.30	32.8	7.60
	2/14/2011	6.84	2,370	-79	0.24	25.3	11.10
	5/12/2011	7.14	2,450	-96	0.95	25.5	14.78
	7/20/2011	6.97	2,450	-62	0.13	21.0	14.36
	10/7/2011	7.12	1,568	31.0	17.5*	6.50	14.89
	1/4/2012	6.94	2,040	-50	0.11	22.0	10.96
	4/6/2012	7.00	1,800	-75	0.70	9.7	11.77
	7/9/2012	7.19	1,620	-86	0.20	12.5	14.59
	10/12/2012	8.43	1,208	-141	0.26	199	12.91
	5/31/2013	7.22	1,650	-73	0.21	14.8	13.88
	11/7/2013	7.15	1,640	-61	0.28	27.9	11.86
	5/15/2014	7.06	1,670	-34	0.45	29.0	12.04
	11/19/2014	7.18	1,124	-63.1	0.25	19.1	11.56
	5/28/2015	7.13	1,591	-29.0	0.24	19.5	12.12
MW-13s	12/10/2009	6.51	1,264	122	3.26	9.70	11.24
	3/15/2010	7.05	1,760	75	2.38	44.0	10.87
	5/14/2010	7.00	2,810	87	1.5	10	11.4
	9/3/2010	NM	2,170	71	2.6	44	15.70
	12/14/2010	6.85	2,050	18	4.70	45.2	11.30
	2/14/2011	6.80	1,870	8	9.32	261	8.86
	5/12/2011	7.23	2,010	20	8.30	37	12.68
	7/20/2011	6.91	2,610	77	4.79	22.6	15.59
	10/10/2011	6.78	1,976	114.9	3.49	4.79	14.74
	1/4/2012	6.74	2,160	50	3.04	23.4	12.10
	4/9/2012	6.93	2,240	164	6.52	9.0	10.30
	7/10/2012	6.69	1,980	117	3.00	19.0	13.85
	10/12/2012	8.32	1,323	-11	2.53	123	15.06
	5/31/2013	7.01	2,570	85	3.40	11.2	13.12
	11/7/2013	6.84	3,000	94	2.75	29.9	13.75
	5/15/2014	6.96	2,840	46	4.35	37.8	10.57
	11/25/2014	6.96	2,550	91	3.18	42.0	11.40
	5/28/2015	6.93	2,105	105.3	2.77	8.84	12.26

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Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-14s	12/8/2009	7.04	1,251	52	1.26	9.4	11.69
	3/15/2010	7.39	610	-7	4.83	29.9	6.63
	5/12/2010	6.96	733	197	3.0	4.5	9.9
	9/3/2010	NM	1,338	57	0.5	35	19.50
	12/20/2010	6.56	2,020	54	0.70	30.2	9.25
	2/16/2011	7.02	1,373	146	4.15	25.9	6.62
	5/11/2011	7.39	844	45	6.49	24.0	11.80
	7/21/2011	7.11	912	48	0.80	18.0	19.55
	10/7/2011	6.94	1,215	124.8	14.7*	0.23	16.85
	1/4/2012	7.08	837	49	2.67	22.3	8.08
	4/5/2012	7.25	667	14	3.46	9.5	9.13
	7/3/2012	6.99	897	22	0.99	14.4	17.98
MW-14d	3/23/2010	7.29	1,151	30	1.18	73.6	11.70
	5/14/2010	7.44	1,324	95	0.9	65	12.9
	9/3/2010	NM	1,371	81	1.2	58	14.30
	12/16/2010	6.91	1,397	45	0.88	57.9	10.90
	2/16/2011	7.01	1,403	114	0.94	32.3	11.06
	5/9/2011	7.15	1,278	46	2.56	39.9	12.32
	7/21/2011	7.24	1,264	75	1.55	37.5	14.84
	10/4/2011	7.18	974	145.7	12.0*	10.5	11.28
	1/4/2012	7.03	1,223	64	1.63	28.4	9.80
	4/2/2012	7.15	1,241	29	1.40	17.8	12.03
	7/3/2012	7.13	1,378	41	1.76	46.0	15.48
	10/4/2012	6.47	951	-4.1	2.11	4.99	11.86
	6/12/2013	7.23	982	77	1.87	17.2	13.02
	11/14/2013	6.75	969	152	2.08	37.8	11.11
	5/22/2014	6.78	1,137	144	3.03	68.5	11.92
	7/16/2014	7.21	1,023	64	2.33	34.0	12.10
	11/20/2014	7.20	678	49.2	2.71	6.17	10.71
	3/23/2015	7.20	1,119	106.0	2.34	4.72	11.41
	5/28/2015	7.25	1,048	34.5	1.19	5.50	13.25

Notes:

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Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-15s	12/10/2009	7.07	456	150	9.35	33.7	9.76
	3/15/2010	6.85	448	93	7.07	57.9	11.03
	5/14/2010	7.50	621	131	2.40	52.0	12.80
	9/8/2010	NM	895	129	5.50	59.0	12.54
	12/17/2010	7.14	743	82	4.18	44.0	10.69
	2/17/2011	7.01	662	98	4.71	39.0	11.26
	5/12/2011	7.20	720	48	5.83	25.0	11.95
	7/25/2011	7.04	1,043	123	4.92	20.0	13.24
	10/7/2011	6.95	622	129.4	48.7*	5.98	11.61
	1/5/2012	6.98	595	189	4.88	6.03	11.02
	4/5/2012	7.20	741	54	4.03	12.9	11.71
	7/9/2012	7.10	908	72	6.23	13.5	12.46
	10/2/2012	6.96	405	0	8.39	7.35	12.18
	11/5/2013	7.10	666	88	6.10	28.2	11.77
	11/25/2014	7.03	757	80	5.17	39.0	10.88
MW-17s	12/7/2009	7.32	810	124	8.06	8.5	8.82
	3/18/2010	7.47	847	28	3.27	29.2	5.19
	5/12/2010	7.35	870	218	3.10	10.0	9.10
	9/8/2010	NM	1,136	115	4.60	58.0	15.34
	12/16/2010	7.25	903	28	5.88	59.2	7.74
	2/15/2011	7.35	1,028	15	10.07	43.3	5.10
	5/11/2011	7.39	890	47	6.31	29.6	9.72
	7/21/2011	7.02	1,119	146	6.80	19.4	14.80
	10/4/2011	6.93	816	117.0	50.5*	NM	14.05
	1/5/2012	6.93	924	190	3.95	4.5	6.70
	4/2/2012	6.27	919	84	4.31	11.5	8.41
	7/3/2012	6.89	1,235	142	4.86	19.0	14.89
	10/3/2012	6.76	732	-4.6	5.84	10.0	13.97
	5/29/2013	7.07	897	81	3.92	15.0	11.65
	3/28/2014	7.34	818	146	3.68	29.5	4.70
	5/22/2014	7.25	1,012	67	3.97	39.0	10.24
	11/11/2014	7.02	810	126	5.25	31.7	11.48
	5/19/2015	7.14	859	169.5	6.07	12.5	9.22

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Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-18s	12/8/2009	7.31	1,043	56	4.52	79.2	11.59
	3/16/2010	6.08	732	107	1.14	97.7	11.82
	5/12/2010	7.82	1,990	208	2.3	10	11.3
	9/8/2010	NM	1,308	91	3.1	50	13.95
	12/20/2010	6.77	1,259	44	4.28	41.5	11.77
	2/17/2011	7.03	1,236	136	3.14	32.0	11.77
	5/9/2011	7.25	2,620	53	5.63	33.5	12.68
	7/22/2011	7.29	1,820	47	4.92	28.1	13.60
	10/5/2011	NM	1,164	110.8	33.2*	6.00	13.23
	1/5/2012	7.04	1,590	203	4.21	7.58	11.78
	4/3/2012	7.29	1,840	38	5.65	32.0	11.56
	7/6/2012	7.33	1,428	35	5.09	15.0	13.93
	10/4/2012	6.71	823	-5.9	3.92	7.58	13.03
	11/4/2013	7.28	1,298	64	6.71	32.5	12.88
	11/21/2014	7.32	752	79.4	5.66	8.02	12.07
MW-19s	12/8/2009	6.82	1,065	53	2.73	15.6	12.37
	3/16/2010	7.15	895	6	1.95	20.2	12.66
	5/18/2010	6.63	971	150	0.6	10	11.6
	9/10/2010	NM	1,470	114	2.7	43	13.34
	12/20/2010	7.04	1,131	7	1.93	31.9	12.49
	2/18/2011	7.17	1,229	36	2.65	25.5	12.25
	5/10/2011	7.19	1,043	12	1.25	22.5	12.67
	7/25/2011	7.17	1,310	30	1.17	19.5	16.90
	10/5/2011	NM	990	-170.4	18.0*	0.50	14.10
	1/5/2012	6.89	1,302	194	2.53	1.50	11.89
	4/3/2012	7.12	1,173	25	1.22	9.3	12.75
	7/10/2012	7.05	1,446	76	2.44	12.0	13.61
	10/4/2012	6.65	701	-36.9	1.13	7.21	14.35
	11/7/2013	7.14	809	50	0.73	26.2	12.70
	11/24/2014	6.87	1,232	149	2.47	29.0	12.32

Notes:

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Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-19d	12/8/2009	6.86	1,067	-84	0.71	66.6	10.99
	3/16/2010	7.00	913	-76	0.31	96.2	11.89
	5/12/2010	7.91	1,185	-30	0.4	23	11.7
	9/8/2010	NM	1,219	-103	0.2	80	15.75
	12/20/2010	7.18	1,162	-117	0.24	38.0	9.95
	2/18/2011	6.30	1,257	17	0.49	35.3	11.57
	5/10/2011	7.14	1,256	-120	0.26	64.2	12.78
	7/25/2011	7.20	1,293	-116	0.12	22.0	16.20
	10/5/2011	NM	985	-220.0	2.8*	0.50	15.10
	1/5/2012	7.09	1,041	-72	0.26	7.49	10.78
	4/3/2012	7.22	1,143	-119	0.23	25.9	12.15
	7/10/2012	NM	1,172	85	0.20	29.5	14.02
	10/4/2012	6.68	901	-61.5	1.94	4.88	13.75
	11/7/2013	7.41	866	-110	0.29	30.9	11.90
	5/20/2014	7.26	898	-86	0.29	42.0	14.31
	11/25/2014	7.10	1,056	-90	0.22	39.0	10.45
MW-20s	12/10/2009	7.48	418	15	2.93	8.30	9.75
	3/17/2010	7.15	411	125	2.08	43.0	6.34
	5/18/2010	6.94	488	177	1.4	47	10.7
	9/10/2010	NM	512	109	1.0	42	18.03
	12/21/2010	7.04	553	94	1.11	35.7	9.63
	2/18/2011	7.58	599	34	1.60	29.7	7.17
	5/13/2011	7.47	550	29	5.98	26.9	10.20
	7/25/2011	7.45	487	38	2.48	19.9	17.50
	10/10/2011	7.14	478	57.2	1.65	4.86	17.25
	1/9/2012	7.22	528	204	3.06	3.25	9.15
	4/9/2012	6.90	520	56	4.97	9.7	10.07
	7/10/2012	7.38	529	27	1.52	12.8	17.58
	10/19/2012	7.71	439	1	1.54	11.2	16.48
	5/31/2013	7.47	550	58	4.30	15.0	13.10
	11/8/2013	7.49	477	35	2.60	26.3	15.17
	5/15/2014	7.33	613	50	5.05	26.9	9.88
	7/16/2014	7.14	527	94	2.10	31.0	15.60
	11/26/2014	7.07	581	148	3.15	37.0	12.88
	3/25/2015	7.36	637	133.9	3.16	2.00	7.36
	5/20/2015	7.37	566	50.9	NM	5.77	10.60

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Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-20d	12/10/2009	6.87	1,006	-41	0.82	0.77	11.18
	3/17/2010	6.98	928	-89	0.82	22.2	10.85
	5/18/2010	6.92	1,183	27	0.3	10	10.4
	9/10/2010	NM	1,184	-30	0.3	49	15.89
	12/21/2010	6.98	1,205	-110	0.19	34.7	11.08
	2/18/2011	7.38	1,216	-135	0.52	33.5	11.61
	5/13/2011	7.28	1,165	-118	0.26	37.0	12.70
	7/25/2011	7.24	1,155	-135	0.24	19.0	16.69
	10/10/2011	7.01	1,057	-73.0	1.30	0.50	14.87
	1/9/2012	6.98	1,106	-167	0.23	0.00	11.55
	4/9/2012	7.21	1,127	-139	0.31	20.0	12.11
	7/10/2012	7.39	1,237	-236	0.19	9.3	15.25
	10/19/2012	7.66	982	-201	0.24	9.0	13.99
	6/3/2013	7.17	1,056	-151	0.30	11.1	11.83
	11/8/2013	7.40	944	-128	0.35	26.1	12.78
	5/15/2014	7.27	976	-179	0.20	25.0	12.14
	7/16/2014	7.27	986	-110	0.16	28.5	14.24
	11/26/2014	7.12	1,065	-127	0.37	30.0	12.36
	3/25/2015	7.29	979	-95.8	0.57	4.18	11.92
	5/20/2015	7.32	847	-89.9	NM	8.84	12.51
MW-21	12/8/2009	7.12	1,049	36	4.43	15.7	11.30
	3/23/2010	7.29	1,002	41	3.48	24.9	12.81
	5/18/2010	7.15	1,134	220	1.8	8.0	12.2
	10/15/2010	6.91	1,160	180	4.2	29.3	13.03
	12/22/2010	7.11	1,084	21	5.00	34.3	11.87
	2/24/2011	6.99	1,243	-10	5.02	28.5	12.03
	5/11/2011	7.23	965	92	6.71	23.2	13.08
	7/28/2011	7.32	1,141	60	3.21	18.0	13.42
	10/6/2011	6.95	971	65.3	65.0*	0.39	13.18
	1/10/2012	6.90	1,105	103	3.94	3.00	12.31
	4/4/2012	7.04	1,031	52	3.51	8.7	13.03
	7/11/2012	7.20	1,233	66	3.80	12.8	14.20
	10/8/2012	7.59	1,206	60	4.13	13.5	12.91
	3/7/2013	7.13	950	-74	1.77	1.82	12.32
	6/11/2013	7.06	943	79	0.28	9.50	13.47
	8/29/2013	7.12	1,001	41	0.88	17.6	13.49
	11/12/2013	6.98	1,183	83	2.52	26.1	12.13
	3/27/2014	7.19	1,131	130	1.33	19.5	12.08
	5/19/2014	7.15	1,135	54	2.63	23.6	14.29
	7/18/2014	7.00	1,007	123	2.74	26.0	12.51
	11/29/2014	7.05	1,160	55	3.35	28.0	11.90
	3/25/2015	7.19	1,057	93.9	3.94	0.86	12.40
	5/21/2015	7.15	1,131	69.9	2.58	2.70	12.64

Notes:

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Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-22	12/7/2009	5.73	1,220	190	1.75	4.9	9.62
	3/18/2010	7.37	1,010	-121	0.21	17.6	10.64
	5/18/2010	7.07	1,183	-7	0.3	9.2	9.20
	9/10/2010	NM	1,357	-114	0.2	41.0	11.12
	12/22/2010	7.00	1,304	-127	0.19	32.8	10.45
	2/24/2011	6.97	1,299	-139	0.38	33.2	10.03
	5/11/2011	7.24	1,066	-131	0.27	24.0	9.80
	7/21/2011	7.13	1,147	-107	0.16	22.7	11.25
	10/4/2011	6.72	981	-36.3	3.0*	4.0	10.90
	1/9/2012	6.95	1,163	-79	0.39	1.35	10.06
	4/5/2012	6.63	1,156	-60	0.30	9.3	9.50
	7/3/2012	7.09	1,365	-125	0.29	20.5	11.70
	10/3/2012	6.46	822	-76.6	0.76	2.55	10.90
	5/29/2013	7.23	1,164	-110	0.36	11.7	11.42
	3/28/2014	7.31	1,024	-93	0.23	29.0	8.97
	5/22/2014	7.14	1,275	-76	0.22	39.0	9.95
	7/17/2014	7.29	1,063	-91	0.32	49.3	10.50
	11/11/2014	7.10	915	-100	0.97	28.7	11.26
	3/23/2015	7.24	1,043	-74.6	0.92	2.55	9.75
	5/19/2015	7.28	984	-70.5	0.95	5.50	9.35
MW-23	12/8/2009	6.63	1,520	-29	0.68	49.0	12.91
	3/16/2010	6.84	1,280	-76	0.25	86.5	10.97
	5/18/2010	7.02	1,600	18	0.2	10.0	10.60
	9/10/2010	NM	1,550	-87	0.2	44.0	16.15
	12/21/2010	6.99	1,540	-110	0.65	33.0	12.64
	2/18/2011	6.95	1,540	-127	0.30	37.4	12.23
	5/10/2011	7.17	1,424	-102	0.16	39.7	11.78
	7/25/2011	7.17	1,424	-98	0.10	23.0	13.85
	10/5/2011	7.00	1,050	-48.3	12.8*	4.0	15.92
	11/4/2011	5.64	1,709	NM	NM	4.94	14.70
	1/9/2012	6.89	1,390	-77	0.24	3.00	13.12
	4/3/2012	7.10	1,413	-104	0.23	16.6	12.30
	7/10/2012	7.05	1,660	-92	0.15	13.8	14.66
	10/8/2012	6.27	1,630	49	0.16	29.2	15.53
	5/31/2013	7.16	1,305	-80	0.16	12.6	13.05
	11/8/2013	7.20	1,174	-98	0.28	25.5	14.65
	5/15/2014	7.12	1,239	-30	0.61	25.0	10.61
	7/17/2014	7.16	1,268	-71	0.20	31.8	13.03
	11/25/2014	7.03	1,441	-80	0.27	37.0	13.10
	3/25/2015	7.17	1,320	-61.7	0.83	3.34	11.17
	5/20/2015	7.19	1,270	-51.0	NM	5.61	10.85

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Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-24s	12/8/2009	7.24	1,710	5	3.86	NM	13.10
	3/15/2010	7.49	1,142	-10	2.29	27.7	12.26
	5/12/2010	7.95	1,262	91	1.7	10.0	11.3
	9/8/2010	NM	1,495	54	3.2	43.0	16.10
	12/14/2010	6.76	1,308	152	2.04	32.5	10.85
	2/14/2011	NM	1,203	157	2.48	26.7	12.30
	5/9/2011	6.84	1,096	131	4.38	21.9	11.71
	7/19/2011	7.09	1,820	123	3.82	19.2	14.69
	10/4/2011	6.82	1,137	125.3	20.0*	1.0	14.66
	1/5/2012	7.10	1,087	70	3.81	3.78	13.33
	4/2/2012	7.08	1,498	77	2.95	12.6	11.79
	7/5/2012	7.32	1,950	49	4.24	15.0	14.95
	10/3/2012	6.93	582	-20.6	3.72	4.28	14.97
	5/29/2013	7.31	1,109	86	1.61	12.0	13.25
	11/4/2013	6.15	1,199	180	0.69	27.9	13.84
	5/14/2014	6.99	941	129	2.24	26.0	11.68
	11/17/2014	7.21	841	28.4	2.52	3.05	12.61
	5/27/2015	7.34	843	49.5	1.00	3.70	12.10
MW-24d	12/8/2009	6.89	3,760	-65	0.58	NM	11.89
	3/15/2010	7.16	2,900	-73	0.73	30.4	12.57
	5/12/2010	7.63	3,600	-9	0.3	9.0	11.9
	9/8/2010	NM	3,360	114	1.4	44	17.3
	12/14/2010	6.76	4,140	-78	0.40	34.8	7.92
	2/14/2011	NM	4,050	-72	0.32	25.5	11.79
	5/9/2011	6.89	3,730	-75	0.22	24.5	13.19
	7/19/2011	6.92	3,910	-56	0.16	19.2	18.85
	10/4/2011	6.84	3,163	-3.0	2.9*	5.8	14.65
	1/5/2012	6.80	3,560	-53	0.23	0.0	11.85
	4/2/2012	7.03	3,300	-76	0.39	15.0	11.96
	7/5/2012	7.14	3,640	-89	0.20	16.1	18.61
	10/3/2012	6.70	2,350	-39.7	0.70	3.76	13.59
	5/30/2013	7.18	2,910	-86	0.20	10.6	14.12
	11/4/2013	7.10	2,590	-87	0.22	31.8	12.42
	5/14/2014	7.15	2,490	-42	0.42	29.5	13.25
	11/17/2014	7.22	1,691	-69.8	0.20	7.86	11.52
	5/27/2015	7.12	2,248	-29.0	0.20	5.75	14.48

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Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-25s	12/10/2009	7.08	743	71	0.93	31.3	11.01
	3/16/2010	7.09	830	38	1.49	23.8	11.69
	5/14/2010	7.72	1,066	118	0.8	52	11.8
	9/8/2010	NM	1,104	77	1.7	40	13.65
	12/22/2010	6.80	1,061	106	1.70	34.0	12.05
	2/24/2011	6.92	1,034	16	1.58	25.2	11.40
	5/13/2011	7.29	734	31	3.05	24.5	12.35
	7/28/2011	7.02	835	92	2.01	21.0	12.73
	10/10/2011	6.77	825	79.3	3.21	5.29	13.34
	1/5/2012	6.87	820	65	2.22	0.88	11.79
	4/9/2012	7.11	877	65	3.98	14.8	11.92
	7/11/2012	6.98	969	99	1.81	13.9	12.04
	10/25/2012	7.16	889	255	1.79	72.0	12.90
	6/3/2013	7.12	831	32	2.48	9.90	11.43
	11/8/2013	7.19	734	49	2.07	27.0	12.33
	5/16/2014	7.11	744	111	2.65	25.0	10.04
	7/16/2014	7.14	849	84	1.99	29.0	11.60
	11/25/2014	6.94	952	58	1.74	31.6	11.20
	3/24/2015	7.12	935	84.4	1.72	1.77	10.93
	5/28/2015	7.15	828	49.0	0.99	3.22	11.88
MW-26s	4/6/2010	6.09	1,116	140	0.31	16.2	13.08
	5/14/2010	7.81	1,024	-22	0.2	22	14.3
	9/8/2010	NM	1,128	-64	0.2	49	15.08
	12/17/2010	7.22	938	-86	0.15	31.0	11.06
	2/17/2011	6.37	951	91	0.75	63.5	12.29
	5/12/2011	7.01	953	-72	0.27	55.0	12.78
	7/25/2011	7.16	917	-76	0.21	19.5	15.85
	10/7/2011	6.99	1,005	-8.7	13.7*	2.67	12.55
	1/5/2012	6.93	1,264	-27	0.48	0.55	11.68
	4/5/2012	5.96	942	88	0.23	11.5	12.60
	7/9/2012	7.02	1,156	-68	0.32	11.9	13.49
	10/2/2012	6.93	680	-49.8	1.30	3.08	13.53
	11/5/2013	6.83	997	-9	0.68	26.1	12.81
	11/25/2014	7.06	1,033	-17	0.32	34.5	11.31

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Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-27s	3/23/2010	7.38	1,198	-57	0.15	67.8	8.27
	5/17/2010	6.62	1,274	150	0.2	58	11.7
	9/9/2010	NM	1,660	-61	0.3	58	16.68
	12/20/2010	6.87	1,374	1	0.20	45.0	10.62
	2/16/2011	7.19	1,158	40	0.53	31.0	7.37
	5/9/2011	7.35	1,253	48	0.81	33.6	10.72
	7/21/2011	7.27	1,780	-34	0.16	29.0	18.90
	10/5/2011	6.10	1,268	8.4	2.3*	8.00	16.99
	1/6/2012	7.04	1,172	120	0.38	3.35	9.96
	4/3/2012	7.12	1,373	-31	0.24	12.6	9.71
	7/5/2012	7.01	1,459	-67	0.16	15.0	15.96
	10/4/2012	6.68	1,239	-44.6	0.94	1.03	16.99
	6/12/2013	7.27	1,228	86	0.16	16.5	14.26
	11/14/2013	6.65	1,228	131	0.34	31.9	13.57
	5/22/2014	7.20	1,720	59	1.27	41.0	11.60
	11/17/2014	7.09	1,033	26.4	0.26	5.18	12.53
	5/27/2015	7.21	1,585	52.8	0.26	23.80	11.64
MW-27d	3/23/2010	7.27	1,175	-108	0.21	23.9	12.79
	5/17/2010	6.90	1,429	127	0.3	3.0	12.7
	9/9/2010	NM	1,468	-12	0.4	35	12.89
	12/20/2010	7.01	1,510	-41	0.26	33.9	10.40
	2/16/2011	7.14	1,360	-102	0.29	30.4	12.45
	5/9/2011	7.26	1,363	-61	0.23	22.9	14.25
	7/22/2011	6.88	1,385	-41	0.36	20.0	15.10
	10/5/2011	6.23	1,231	3.0	3.3*	0.10	13.87
	1/6/2012	7.01	1,372	23	0.33	0.00	11.48
	4/3/2012	7.17	1,328	-20	0.84	9.60	12.03
	7/5/2012	7.11	1,500	-56	0.28	9.8	15.14
	10/4/2012	6.67	1,194	-38.8	0.78	1.11	13.49
	6/12/2013	6.90	1,185	96	0.25	12.9	15.75
	11/14/2013	6.91	1,148	-46	0.28	26.5	11.78
	5/22/2014	7.27	1,475	60	0.31	35.5	15.50
	11/17/2014	7.15	920	-17.5	0.24	0.54	11.35
	5/27/2015	7.15	1,205	59.5	0.18	4.57	13.85

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Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-28s	3/23/2010	7.30	778	-1	1.93	22.2	11.50
	5/17/2010	7.48	1,260	148	1.5	10	12.1
	9/9/2010	NM	779	42	1.5	41	12.85
	12/17/2010	6.92	736	130	1.19	35.0	10.10
	2/16/2011	7.18	916	26	1.67	26.0	11.99
	5/12/2011	7.72	1,165	51	3.37	23.5	12.86
	7/22/2011	7.08	880	57	1.87	20.0	12.81
	10/7/2011	7.26	688	88.7	28.3*	2.84	13.08
	1/6/2012	7.12	833	99	2.05	0.55	11.87
	4/6/2012	7.19	654	15	2.35	9.3	11.04
	7/6/2012	6.96	697	114	2.37	10.8	13.33
	10/12/2012	8.29	559	99	2.71	29.0	12.24
	11/4/2013	7.09	665	49	1.66	26.3	12.25
	11/19/2014	7.21	746	92	3.72	2.47	11.33
MW-28d	3/23/2010	7.26	827	-81	0.31	31.9	11.41
	5/17/2010	7.38	926	148	0.5	16	13.2
	9/9/2010	NM	901	10	0.9	58	13.37
	12/17/2010	7.00	999	-129	0.15	34.9	10.20
	2/16/2011	7.26	936	-174	0.21	29.0	11.33
	5/12/2011	7.35	940	-144	0.24	39.5	14.75
	7/22/2011	7.10	967	-113	0.10	19.1	14.27
	10/7/2011	7.15	957	-53.3	11.8*	5.35	14.25
	1/6/2012	7.20	1,034	-101	0.32	8.68	10.85
	4/6/2012	7.23	1,029	-133	0.79	22.0	10.10
	7/6/2012	7.13	1,165	-131	0.21	16.0	15.36
	10/19/2012	7.49	964	-152	0.22	142	11.84
	11/4/2013	7.18	940	-113	0.35	29	11.85
	11/19/2014	7.18	649	-68.5	0.44	4.40	10.91

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Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-29s	3/18/2010	7.05	2,820	-59	0.37	24.8	12.71
	5/17/2010	6.98	3,270	-16	0.2	18	12.8
	9/9/2010	NM	4,410	-107	0.3	35	16.30
	12/15/2010	6.61	6,020	-121	0.42	39.5	12.91
	2/15/2011	6.78	4,910	-241	0.34	33.9	12.65
	5/12/2011	6.78	3,900	-121	0.22	24.7	13.45
	7/20/2011	6.75	4,680	-80	0.15	23.0	15.55
	10/10/2011	6.30	5,620	-19.1	1.40	4.47	15.73
	1/6/2012	6.63	4,290	-220	0.28	1.50	14.52
	4/5/2012	6.90	4,250	-97	0.39	9.0	11.58
	7/9/2012	NM	5,880	22	0.17	13.0	15.25
	10/12/2012	8.19	3,990	-164	0.20	200	17.25
	5/30/2013	6.77	4,470	-86	0.17	9.6	14.79
	11/6/2013	6.52	5,260	-65	0.45	27.5	15.67
	5/15/2014	6.68	4,370	-46	0.45	27.0	11.52
	11/20/2014	6.71	4,788	-32.8	0.28	6.58	13.32
	5/27/2015	6.62	6,033	-28.7	0.32	8.17	12.11
MW-29d	3/18/2010	7.24	1,182	-134	0.21	5,999	13.78
	5/17/2010	7.40	1,405	60	1.0	10	15.0
	9/9/2010	NM	1,437	6	0.6	35	19.35
	12/15/2010	6.99	1,570	-90	1.57	42.3	0.52
	2/15/2011	7.15	1,550	-202	0.30	1245	11.28
	5/12/2011	7.26	1,403	-54	6.65	40.5	21.01
	7/20/2011	7.03	1,482	-70	2.40	48.0	23.15
	10/10/2011	6.76	1,381	78.9	3.01	3.26	12.65
	1/6/2012	6.98	1,530	-42	1.30	0.00	11.76
	4/6/2012	7.13	1,560	-131	1.69	23.0	6.85
	7/9/2012	NM	1,780	87	0.78	20.3	23.82
	10/19/2012	6.08	1,510	86	0.51	83.5	11.77
	5/30/2013	6.38	1,750	-87	0.82	64.6	25.09
	11/7/2013	7.02	1,590	-90	0.40	427	10.95
	5/15/2014	6.44	1,680	-90	0.54	34.4	12.88
	11/20/2014	7.10	1,201	-95.8	0.32	199	10.98
	5/27/2015	6.58	1,698	19.5	0.65	14.2	14.82

Notes:
S.U. = standard pH units
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Table 4
Summary of Field Parameters at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-30s	3/23/2010	7.03	2,120	-14	1.68	102	9.98
	5/17/2010	7.40	2,430	69	0.2	22	12.1
	9/9/2010	NM	1,840	-85	0.2	52	17.01
	12/16/2010	6.78	1,800	-95	0.34	51.0	13.60
	2/15/2011	7.01	1,740	-115	0.18	61.0	11.38
	5/13/2011	6.90	2,340	-34	0.40	30.0	11.25
	7/20/2011	6.94	1,780	-6	0.11	25.0	15.70
	10/10/2011	6.77	1,565	-8.3	1.21	5.74	16.60
	1/6/2012	6.82	2,450	5	0.28	5.00	13.58
	4/9/2012	6.89	2,040	-40	0.84	10.3	10.93
	7/9/2012	6.95	1,760	-55	0.14	13.3	14.79
	10/19/2012	7.22	1,338	-103	0.29	17.4	16.33
	5/30/2013	7.07	2,100	-21	0.14	9.3	12.88
	11/5/2013	6.98	1,470	-63	0.29	29.5	16.03
	5/14/2014	6.97	2,480	8	0.28	27.8	10.80
	11/19/2014	6.94	1,281	-10.1	0.21	1.9	14.19
	5/27/2015	6.79	3,750	72.9	0.35	8.75	15.10
MW-30d	3/23/2010	6.92	1,670	-94	0.36	36.0	12.10
	5/17/2010	7.48	1,910	-5	0.2	44	13.6
	9/9/2010	NM	1,870	-98	0.2	52	16.35
	12/16/2010	6.88	1,830	-94	0.22	44.5	11.70
	2/15/2011	7.11	1,800	-146	0.78	40.3	12.60
	5/13/2011	7.03	1,740	-103	0.48	30.0	13.25
	7/20/2011	7.12	1,680	-88	0.18	28.9	16.40
	10/10/2011	6.87	1,546	-46.8	1.15	7.18	15.00
	1/6/2012	6.87	1,560	-68	0.23	0.00	13.90
	4/9/2012	7.01	1,570	-106	0.46	14.9	12.79
	7/9/2012	7.09	1,700	-94	0.18	11.3	14.89
	10/19/2012	7.45	1,348	-132	0.32	8.60	14.10
	5/30/2013	7.20	1,355	-92	0.16	56.3	15.41
	11/5/2013	7.12	1,251	-107	0.25	31.6	14.19
	5/14/2014	7.10	1,217	-69	0.34	58.5	12.82
	11/19/2014	7.12	857	-78.9	0.21	4.03	12.76
	5/27/2015	7.05	1,187	-60.9	0.12	21.7	13.64

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Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-31	6/18/2010	6.93	1,416	139	4.96	14.8	12.96
	9/17/2010	7.03	1,052	107	4.6	86.9	11.79
	12/22/2010	7.05	1,176	11	6.99	34.9	10.75
	2/24/2011	6.88	1,208	8	6.51	32.7	10.91
	5/11/2011	7.25	1,090	39	10.20	26.0	12.70
	7/21/2011	7.13	1,055	68	6.32	21.7	16.85
	10/4/2011	6.88	889	113.8	48.3*	4.08	12.10
	1/10/2012	6.91	1,102	128	5.95	0.00	11.36
	4/5/2012	7.08	1,052	47	5.73	9.3	11.00
	7/16/2012	7.04	1,137	65	5.98	20.6	12.78
	10/3/2012	6.61	783	8.6	7.56	9.3	12.21
	3/7/2013	7.09	964	-74	5.88	7.50	11.13
	5/29/2013	6.93	1,015	110	4.38	12.2	13.09
	8/29/2013	7.15	1,079	88	4.48	28.5	14.49
	3/28/2014	7.25	874	150	4.15	32.0	10.95
	5/22/2014	7.25	1,115	86	4.97	39.0	12.67
	7/17/2014	7.20	938	66	3.99	33.3	12.76
	11/11/2014	6.99	850	96	5.45	27.2	13.11
	3/23/2015	7.14	989	102.9	5.97	5.17	11.00
	5/19/2015	7.22	925	180.0	7.18	8.50	11.09
MW-32s	9/17/2010	7.29	771	-20	0.31	46.8	17.52
	11/19/2010	7.08	800	-101	0.22	25.8	17.56
	12/28/2010	6.80	830	-62	0.24	31.5	17.20
	2/25/2011	7.14	868	-55	0.42	25.8	17.10
	5/10/2011	7.30	804	-85	0.64	21.7	17.22
	7/28/2011	7.40	804	-30	0.43	18.9	17.93
	10/6/2011	7.14	758	9.8	11.5*	1.00	17.32
	1/10/2012	7.02	819	-22	0.47	0.00	17.44
	4/4/2012	7.16	862	-20	0.42	15.0	16.66
	7/11/2012	7.14	990	27	0.30	14.0	17.38
	10/10/2012	NM	646	105	0.22	14.3	16.20
	5/20/2013	7.34	654	31	0.98	9.0	14.72
	11/5/2013	6.80	679	65	1.20	26.3	14.40
	5/19/2014	7.37	721	14	0.94	23.9	12.69
	7/15/2014	7.12	825	15	0.49	28.9	13.43
	11/12/2014	7.29	695	-116	0.52	41.0	12.98
	5/19/2015	7.40	627	46.0	1.34	5.30	11.89

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Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-32d	5/20/2013	7.30	999	-106	0.43	9.5	14.98
	8/28/2013	7.21	1,116	-82	0.49	21.0	15.60
	11/5/2013	7.15	980	-101	0.53	26.6	13.88
	3/27/2014	7.27	1,140	-158	0.23	22.0	11.94
	5/19/2014	7.25	959	-79	0.37	24.8	12.94
	7/15/2014	7.20	989	-44	0.33	50.9	13.90
	11/11/2014	7.08	867	-70	0.94	57.1	13.07
	2/25/2015	6.90	1,352	-40	1.69	29.3	12.04
	5/19/2015	7.27	984	-18.3	0.77	19.2	12.38
MW-33s	9/17/2010	7.13	1,006	-95	0.48	39.2	16.55
	11/19/2010	6.79	1,059	-101	0.22	26.7	17.42
	12/22/2010	6.98	1,056	-128	0.30	33.4	17.55
	2/24/2011	7.00	991	-157	0.37	23.0	17.28
	5/10/2011	7.20	1,267	-100	1.31	24.4	16.23
	7/28/2011	7.26	1,188	-64	0.42	19.0	16.09
	10/6/2011	7.03	949	-51.3	12.0*	0.50	16.91
	1/9/2012	6.99	1,055	-70	0.28	0.50	17.91
	4/4/2012	7.06	1,005	-91	0.35	9.0	16.09
	7/11/2012	7.10	1,068	-97	0.25	16.9	16.03
	10/10/2012	NM	763	-80	0.20	11.9	16.64
	5/20/2013	7.17	766	-85	0.66	8.4	14.85
	11/5/2013	7.08	815	-109	0.47	26.2	15.11
	5/19/2014	7.28	770	-96	0.52	23.7	13.40
	11/12/2014	7.19	681	-110	0.57	39.5	14.01
	5/19/2015	7.37	648	-96.5	0.64	3.50	12.12
MW-34s	9/17/2010	7.40	562	21	3.83	44.2	16.02
	11/19/2010	7.22	580	27	4.30	30.0	16.07
	12/28/2010	7.08	585	21	5.68	32.5	15.70
	2/25/2011	7.40	630	-15	5.31	25.5	15.55
	5/10/2011	7.53	677	10	7.19	21.7	15.52
	7/28/2011	7.61	600	48	3.90	19.0	16.16
	10/6/2011	7.24	564	78.0	69.0*	4.85	15.80
	1/10/2012	7.13	652	98	4.97	5.28	15.59
	4/4/2012	7.32	647	25	4.95	8.0	14.68
	7/11/2012	7.34	650	60	4.55	16.9	15.48
	10/10/2012	NM	474	128	5.46	11.4	14.68
	5/20/2013	7.54	510	50	5.82	8.3	13.44
	11/12/2013	7.29	739	38	7.75	25.7	12.43
	5/19/2014	7.30	701	150	6.63	23.0	11.79
	11/26/2014	7.20	745	75	6.10	33.0	13.28
	5/21/2015	7.28	742	160.0	3.89	2.21	11.69

Notes:

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Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-34d	5/20/2013	7.19	1,260	-122	0.42	9.3	13.31
	8/28/2013	7.22	1,298	-102	0.60	16.3	15.10
	11/12/2013	7.29	1,411	-128	0.29	26.2	11.11
	3/26/2014	8.62	1,191	-171	0.29	28.6	10.40
	5/21/2014	7.30	1,262	-104	0.27	28.8	14.34
	7/16/2014	7.15	1,157	-69	0.27	25.1	13.03
	11/13/2014	7.22	1,049	-88	0.75	35.8	11.49
	3/24/2015	7.26	1,083	-63.0	0.68	2.55	11.61
	5/22/2015	7.22	1,092	-84.0	0.26	2.50	12.74
MW-35i	10/25/2012	7.46	785	121	0.89	18.0	16.28
	3/27/2013	8.86	694	-42	1.28	0.0	12.55
	6/5/2013	7.87	724	-181	0.40	1.15	13.92
	8/29/2013	7.26	919	-40	0.58	20.9	16.35
	11/12/2013	7.40	994	-61	0.61	26.0	13.26
	3/27/2014	7.31	733	95	0.72	28.3	11.09
	5/21/2014	7.36	918	-38	0.91	30.5	13.44
	7/18/2014	7.29	931	13	0.55	26.0	14.37
	11/20/2014	7.28	563	48.2	0.81	0.87	12.43
	3/24/2015	7.26	979	33.9	0.49	0.68	11.90
	5/22/2015	7.30	883	-8.0	0.49	2.11	12.01
MW-35d	10/25/2012	7.28	1,262	-44	0.33	131	15.47
	3/7/2013	7.12	1,112	-230	0.70	8.7	8.85
	6/11/2013	7.25	1,142	-108	0.31	32.5	15.82
	8/28/2013	7.18	1,461	-108	0.65	21.9	18.11
	11/12/2013	7.23	1,740	-133	0.38	31.2	11.98
	3/26/2014	8.52	1,466	-187	0.35	30.3	11.25
	5/20/2014	7.15	1,278	-98	0.38	24.0	13.40
	7/16/2014	7.00	1,288	-68	0.37	28.9	13.54
	11/13/2014	7.21	1,130	-83	0.88	43.2	10.71
	3/24/2015	7.26	1,150	-72.7	0.50	6.57	12.56
	5/22/2015	7.29	1,064	59.0	0.58	5.43	14.49
MW-36s	4/3/2013	6.95	893	36	0.37	4.7	12.37
	5/31/2013	7.25	826	70	2.33	11.8	15.06
	8/29/2013	7.10	958	46	2.61	18.3	16.73
	11/8/2013	7.14	823	41	1.24	25.9	16.51
	3/27/2014	7.11	1,081	116	0.57	19.7	12.32
	5/15/2014	7.15	822	45	2.01	24.4	12.73
	7/18/2014	6.85	869	104	2.00	24.9	14.08
	11/25/2014	7.03	925	32	1.60	31.0	15.22
	3/25/2015	7.17	909	59.8	1.24	0.64	12.66
	5/20/2015	6.68	824	128.0	1.62	1.16	11.54

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Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-36d	4/2/2013	6.79	1,780	-59	0.24	9.63	14.55
	6/11/2013	7.17	1,730	-83	0.12	22.9	16.39
	8/28/2013	7.00	2,050	-103	0.24	22.0	16.84
	11/12/2013	7.19	2,430	-123	0.24	34.0	13.99
	3/26/2014	8.32	2,120	-142	0.43	40.5	13.49
	5/21/2014	7.14	2,280	-87	0.28	58.0	15.99
	7/15/2014	7.12	1,850	-79	0.16	49.5	15.45
	11/13/2014	7.11	1,760	-95	0.62	53.5	14.18
	3/24/2015	7.14	1,781	-54.5	0.90	4.90	13.80
	5/22/2015	7.15	1,668	-77.5	0.28	10.0	14.63
MW-37s	4/3/2013	6.93	995	87	0.45	6.86	12.27
	6/3/2013	7.21	978	55	0.57	9.7	13.07
	8/29/2013	7.15	1,128	61	0.59	18.0	14.86
	11/11/2013	7.02	1,342	136	0.57	26.7	13.19
	3/27/2014	7.17	1,166	60	0.32	23.0	11.70
	5/16/2014	7.15	1,052	108	0.59	27.0	12.14
	7/18/2014	7.16	1,059	64	0.51	26.0	13.60
	11/26/2014	7.11	1,099	67	0.51	34.0	12.80
	3/26/2015	7.18	1,102	106.1	0.90	1.56	12.25
	5/21/2015	7.16	962	148.9	0.41	3.09	11.96
MW-38s	4/3/2013	6.99	878	64	0.48	8.94	8.71
	6/3/2013	7.20	1,095	54	1.17	9.7	12.14
	8/29/2013	7.04	1,204	108	0.49	18.0	17.55
	11/11/2013	6.45	1,409	166	1.21	26.1	15.52
	5/16/2014	7.14	1,390	113	4.48	28.5	8.35
	7/17/2014	7.12	1,170	60	0.57	29.0	15.60
	11/26/2014	7.00	1,230	35	1.10	32.5	13.70
	3/25/2015	7.19	1,086	156.9	1.91	3.04	7.68
	5/21/2015	7.10	1,025	203.0	0.87	6.81	8.91
MW-38d	4/3/2013	6.94	981	71	1.65	5.35	12.50
	6/12/2013	7.09	983	93	0.96	9.9	14.83
	8/28/2013	6.93	1,136	118	1.81	18.0	14.75
	11/14/2013	6.67	958	150	2.37	26.9	11.72
	3/27/2014	7.09	1,147	179	1.51	20.9	11.89
	5/22/2014	7.13	1,147	49	1.54	29.0	13.38
	7/17/2014	6.91	983	140	1.57	26.5	12.48
	11/21/2014	7.04	640	110	3.24	4.37	11.14
	3/25/2015	7.14	1,043	155.7	2.79	1.55	11.46
	5/28/2015	7.10	973	105.8	1.59	7.25	13.12

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Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-39s	4/3/2013	6.98	1,058	83	0.50	9.66	12.50
	6/3/2013	7.15	1,099	62	0.41	13.2	14.06
	8/29/2013	7.14	1,145	60	0.40	22.3	17.46
	11/11/2013	6.84	1,031	90	0.63	26.5	15.25
	3/28/2014	7.05	860	140	0.94	32.8	12.39
	5/16/2014	7.11	979	102	1.42	31.9	12.45
	7/18/2014	7.12	1,035	53	0.65	25.6	15.47
	11/29/2014	6.81	1,123	147	0.52	29.6	13.95
	3/26/2015	7.12	1,104	93.0	1.27	1.19	12.19
	5/21/2015	7.08	1,011	129.5	0.40	4.64	12.22
MW-39d	4/2/2013	7.18	1,140	-105	0.22	5.89	13.90
	6/11/2013	7.27	1,129	-99	0.09	13.6	16.71
	8/28/2013	7.13	1,287	-99	0.22	18.0	17.50
	11/12/2013	7.32	1,378	-125	0.35	29.4	13.37
	3/26/2014	8.50	1,140	-134	0.28	32.0	12.00
	5/21/2014	7.26	1,273	-104	0.13	37.0	15.79
	7/15/2014	7.24	1,085	-92	0.12	27.2	15.93
	11/13/2014	7.25	1,028	-107	0.34	43.9	13.54
	3/24/2015	7.23	1,136	-68.7	0.48	12.8	13.44
	5/26/2015	7.15	1,071	-76.6	0.16	9.00	14.67
MW-40s	4/3/2013	7.15	716	-27	0.46	10.0	7.28
	6/12/2013	7.24	785	-71	0.13	27.0	13.45
	8/28/2013	7.33	890	-110	0.40	69.0	16.80
	11/13/2013	6.90	977	-76	0.43	37.0	12.46
	3/26/2014	8.67	850	-165	0.34	59.3	8.90
	5/21/2014	7.37	977	-112	0.20	49.5	14.24
	7/16/2014	7.19	834	-78	0.16	40.8	12.82
	11/17/2014	7.22	605	-96	0.26	19.3	11.82
	3/23/2015	7.33	879	-68.3	0.77	12.2	10.92
	5/26/2015	7.30	851	-96.0	0.29	13.5	16.29
MW-40d	4/3/2013	7.09	3,010	-88	0.31	9.90	11.05
	6/12/2013	7.24	3,120	-104	0.11	22.2	14.30
	8/28/2013	7.15	3,580	-103	0.52	28.5	15.15
	11/13/2013	7.22	4,000	-126	0.27	30.0	11.58
	3/26/2014	8.56	3,510	-182	0.22	42.0	11.40
	5/22/2014	7.27	3,730	-112	0.13	39.5	12.91
	7/16/2014	7.21	3,180	-90	0.13	34.9	13.20
	11/17/2014	7.16	2,262	-101	0.36	3.58	11.50
	3/23/2015	7.18	3,336	-66.8	0.84	15.1	11.24
	5/26/2015	7.18	3,220	-79.0	0.20	6.98	13.67

Notes:
S.U. = standard pH units
umhos/cm = micromhos per centimeter
mV = millivolts
mg/L = milligrams per liter
NTU = nephelometric turbidity units
°C = degrees Celsius
* = Dissolved oxygen measurement recorded in percent of saturation, not mg/L
NM = not measured

Table 4
Summary of Field Parameters at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
NS-18s	5/20/2014	7.48	570	-5	3.49	24.0	13.64
	7/14/2014	7.53	638	59	2.67	22.0	14.49
	11/12/2014	7.35	570	-2	1.55	40.9	15.22
	2/24/2015	7.20	853	4	1.39	24.3	13.16
	5/20/2015	7.44	531	32.5	1.41	0.50	12.88
NS-18i	3/26/2014	7.23	1,035	-103	0.66	25.6	13.70
	5/19/2014	7.21	854	-60	0.82	23.6	14.14
	7/14/2014	7.18	906	-48	0.59	24.2	15.27
	11/12/2014	7.15	845	-64	0.79	40.3	15.70
	2/24/2015	6.99	1,168	-58	1.17	28.5	12.73
	5/20/2015	7.27	860	-60.4	1.22	3.58	13.46
NS-18d	5/20/2014	7.22	910	-80	0.49	48.0	15.37
	7/14/2014	7.17	943	-47	0.42	69.5	15.46
	11/12/2014	7.12	902	-86	0.79	56.8	15.41
	2/24/2015	NM	1,397	32	0.98	40.3	14.56
	5/19/2015	7.15	1,071	-50.0	0.58	16.3	14.10
NS-19s	5/20/2014	7.36	799	-148	0.78	41.9	13.50
	7/14/2014	7.31	780	-123	0.68	24.1	14.77
	11/13/2014	7.22	751	-138	1.09	34.7	13.26
	2/25/2015	7.24	1,094	-130	1.29	34.0	11.44
	5/20/2015	7.47	790	-121.5	1.02	1.65	12.37
NS-19i	5/20/2014	7.30	847	-86	0.61	45.5	13.72
	7/14/2014	7.23	929	-66	0.47	29.0	14.99
	11/13/2014	7.18	817	-72	1.10	36.4	13.35
	2/25/2015	7.17	1,190	-71	1.31	35.3	11.19
	5/20/2015	7.35	867	-70.3	0.99	5.24	12.75
NS-19d	5/20/2014	7.26	898	-86	0.29	42.0	14.31
	7/14/2014	7.20	927	-57	0.30	34.2	15.33
	11/11/2014	7.08	861	-69	0.75	37.1	13.86
	2/25/2015	7.10	1,333	-82	0.97	36.3	12.83
	5/19/2015	7.30	913	-38.5	0.98	9.50	13.07
NS-20s	5/20/2014	7.42	507	-76	2.80	46.0	12.56
	7/15/2014	7.28	545	-59	2.03	34.9	13.56
	11/12/2014	7.32	500	-102	1.00	58.6	12.63
	2/25/2015	7.30	808	-127	1.53	45.5	9.95
	5/20/2015	7.49	595	-98.0	4.00	3.25	11.81
NS-20i	5/20/2014	7.50	755	-206	0.67	50.0	12.89
	7/15/2014	7.45	799	-189	0.43	26.1	13.67
	11/12/2014	7.42	806	-222	0.68	45.7	12.79
	2/25/2015	7.40	1,144	-199	1.67	35.0	10.21
	5/20/2015	7.58	779	-135.0	0.73	3.11	12.15

Notes:
S.U. = standard pH units
umhos/cm = micromhos per centimeter
mV = millivolts
mg/L = milligrams per liter
NTU = nephelometric turbidity units
°C = degrees Celsius
* = Dissolved oxygen measurement recorded in percent of saturation, not mg/L
NM = not measured

Table 4
Summary of Field Parameters at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
SS-09s	5/20/2014	7.47	596	8	5.19	43.0	14.04
	7/17/2014	7.21	1,220	60	4.62	32.0	13.23
	11/21/2014	7.23	615	113.4	6.59	6.87	12.19
	3/26/2015	7.22	1,109	106.8	5.59	2.24	12.04
	5/22/2015	7.11	1,244	90.0	3.67	2.78	12.44
SS-09i	5/20/2014	7.35	989	-52	0.42	39.8	14.05
	7/17/2014	7.32	948	-17	0.65	29.5	13.44
	11/21/2014	7.31	585	-13.5	0.56	2.44	10.64
	3/26/2015	7.30	970	-6.6	0.61	1.66	12.01
	5/22/2015	7.29	913	-35.0	0.43	17.0	12.91
SS-10s	5/21/2014	7.38	665	162	4.57	29.4	13.62
	7/17/2014	7.51	611	73	4.02	29.0	13.28
	12/1/2014	7.40	861	50	5.78	29.7	11.30
	3/26/2015	7.44	745	82.6	6.30	1.03	12.02
	5/22/2015	7.40	676	180.5	3.70	3.25	11.62
SS-10i	5/21/2014	7.24	1,103	-23	0.48	40.0	13.75
	7/17/2014	7.28	918	-55	0.80	32.7	13.95
	12/1/2014	7.35	958	-46	0.64	36.2	11.12
	3/26/2015	7.26	927	5.6	0.72	1.18	11.95
	5/22/2015	7.24	907	-26.5	1.10	10.3	12.01
SS-10d	5/21/2014	7.29	1,046	-108	0.19	41.8	13.25
	7/17/2014	7.27	912	-96	0.18	30.1	13.88
	11/13/2014	7.25	880	-96	0.76	46.4	10.91
	3/24/2015	7.28	930	-74.9	0.48	6.60	10.94
	5/21/2015	7.23	921	-86.3	0.30	5.62	12.93

Notes:

S.U. = standard pH units

umhos/cm = micromhos per centimeter

mV = millivolts

mg/L = milligrams per liter

NTU = nephelometric turbidity units

°C = degrees Celsius

* = Dissolved oxygen measurement recorded in percent of saturation, not mg/L

NM = not measured

Table 5
Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-01s (16-21') Depth to Groundwater Approx. 16 - 19'	3/13/2009	<100	<100	<20	<20	<20	<20	<20	**750**	<20	**2,700**	<20	<20
	4/20/2009	NA	<500	<100	<100	<100	<100	<100	**1,100**	<100	**2,200**	NA	<100
	12/9/2009	<100	<100	<20	<20	<20	<20	<20	**1,000**	<20	**3,400**	<20	<20
	3/17/2010	<100	<100	<20	<20	<20	<20	<20	**1,400**	<20	**2,500**	<20	<20
	5/18/2010	<100	<100	<20	<20	<20	<20	<20	**1,000**	<20	**2,700**	<20	<20
	9/10/2010	<100	<100	<20	<20	<20	<20	<20	**750**	<20	**2,400**	<20	<20
	12/28/2010	<100	<100	<20	<20	<20	<20	<20	**1,100**	<20	**2,500**	<20	<20
	2/25/2011	<50	<50	<10	<10	<10	<10	<10	**560**	<10	**1,300**	<10	<10
	5/11/2011[4]	<50	<50	<10	<10	<10	<10	<10	**860**	<10	**1,900**	<10	<10
	7/28/2011	<100	<100	<20	<20	<20	<20	<20	**500**	<20	**1,900**	<20	<20
	10/6/2011	<100	<100	<20	<20	<20	<20	<20	**540**	<20	**2,000**	<20	<20
	1/9/2012	<100	<100	<20	<20	**31**	<20	<20	**530**	<20	**2,000**	<20	<20
	4/4/2012	<100	<100	<20	<20	**38**	<20	<20	**480**	<20	**1,900**	<20	<20
	7/11/2012	<100	<100	<20	<20	<20	<20	<20	**560**	<20	**2,100**	<20	<20
	10/8/2012	<100	<100	<20	<20	<20	<20	<20	**650**	<20	**2,000**	<20	<20
	6/11/2013	<100	<100	<20	<20	<20	<20	<20	**470**	<20	**1,400**	<20	<20
	11/12/2013	<100	<100	<20	<20	<20	<20	<20	**660**	<20	**1,800**	<20	<20
	5/21/2014	<50	<50	<10	<10	<10	<10	<10	**370**	<10	**1,500**	<10	<10
	11/26/2014	<100	<100	<20	<20	<20	<20	<20	**340**	<20	**2,000**	<20	<20
	5/21/2015	<50	<50	<10	<10	**11**	<10	<10	**370**	<10	**1,900**	<10	<10
DUP-01 (MW-01s)	3/13/2009	<20	<20	<20	<20	<20	<20	<20	**720**	<20	**2,700**	<20	<20
MW-02s (23-28') Depth to Groundwater Approx. 22 - 24'	3/13/2009	<10	<10	<2.0	<2.0	**2.4**	<2.0	**2.2**	**2.5**	<2.0	**280**	<2.0	<2.0
	4/20/2009	NA	<50	<10	<10	<10	<10	<10	<10	<10	**130**	NA	<10
	12/9/2009	<10	<10	<2.0	<2.0	**3.7**	<2.0	**2.7**	**2.9**	<2.0	**250**	<2.0	<2.0
	3/17/2010	**13**	<10	<2.0	<2.0	**4.1**	<2.0	**2.3**	**3.1**	<2.0	**290**	<2.0	<2.0
	5/18/2010	<10	<10	<2.0	<2.0	**2.3**	<2.0	**2.4**	**2.6**	<2.0	**210**	<2.0	<2.0
	9/10/2010	<10	<10	<2.0	<2.0	**2.3**	<2.0	**2.3**	**2.3**	<2.0	**220**	<2.0	<2.0
	12/22/2010	<10	<10	<2.0	<2.0	**2.4**	<2.0	**2.3**	**3.1**	<2.0	**240**	<2.0	<2.0
	2/24/2011	<10	<10	<2.0	<2.0	**2.0**	<2.0	<2.0	**2.6**	<2.0	**240**	<2.0	<2.0
	5/10/2011[4]	<10	<10	<2.0	<2.0	<2.0	<2.0	<2.0	**2.3**	<2.0	**250**	<2.0	<2.0
	7/28/2011[5]	<10	<10	<2.0	<2.0	**2.0**	<2.0	**2.2**	**2.4**	<2.0	**280**	<2.0	<2.0
	10/7/2011	<10	<10	<2.0	<2.0	<2.0	<2.0	**2.5**	**2.5**	<2.0	**220**	<2.0	<2.0
	1/10/2012	<10	<10	<2.0	<2.0	<2.0	<2.0	**2.8**	**2.5**	<2.0	**190**	<2.0	<2.0
	4/5/2012	<10	<10	<2.0	<2.0	**2.7**	<2.0	**3.5**	**3.4**	<2.0	**210**	<2.0	<2.0
	7/11/2012	<10	<10	<2.0	<2.0	**2.2**	<2.0	**2.5**	**3.5**	<2.0	**330**	<2.0	<2.0
	10/25/2012	<10	<10	<2.0	<2.0	<2.0	<2.0	<2.0	**2.6**	<2.0	**270**	<2.0	<2.0
	6/11/2013	<10	<10	<2.0	<2.0	<2.0	<2.0	<2.0	**2.8**	<2.0	**300**	<2.0	<2.0
	11/12/2013	<12	<12	<2.5	<2.5	**2.8**	<2.5	<2.5	**4.4**	<2.5	**410**	<2.5	<2.5
	5/19/2014	<12	<12	<2.5	<2.5	<2.5	<2.5	<2.5	**3.1**	<2.5	**280**	<2.5	<2.5
	11/26/2014	<12	<12	<2.5	<2.5	<2.5	<2.5	<2.5	**3.1**	<2.5	**380**	<2.5	<2.5
	5/21/2015	<10	<10	<2.0	<2.0	<2.0	<2.0	<2.0	**2.4**	<2.0	**330**	<2.0	<2.0

Notes:

Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.

ug/L = micrograms per liter; NC = No criteria; NA = Not analyzed

Bold font denotes concentrations detected above laboratory reporting limits

Denotes concentrations above one or more criteria

* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlaying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.

1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
6) Headspace present in the sample, results are approximate.

Table 5
Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-03s (9-14') Depth to Groundwater Approx. 8 - 10'	3/13/2009	<10	<10	**9.1**	<2.0	**240**	**9.1**	<2.0	<2.0	<2.0	<2.0	<2.0	**140**
	4/20/2009	NA	<50	**18**	<10	**490**	**18**	<10	<10	<10	<10	NA	**210**
	12/8/2009	<120	<120	**46**	<25	**2,200**	**83**	<25	<25	<25	<25	<25	**130**
	3/17/2010	<25	<25	**11**	<5.0	**460**	**17**	<5.0	<5.0	<5.0	<5.0	<5.0	**42**
	5/18/2010	<25	<25	**14**	<5.0	**630**	**24**	<5.0	<5.0	<5.0	<5.0	<5.0	**34**
	9/10/2010	<50	<50	**29**	<10	**1,600**	**63**	<10	<10	<10	<10	<10	**83**
	12/22/2010	<50	<50	**32**	<10	**1,800**	**82**	<10	<10	<10	<10	<10	**70**
	2/25/2011	<100	<100	**33**	<20	**2,200**	**110**	<20	<20	<20	<20	<20	**75**
	5/10/2011[4]	<100	<100	**25**	<20	**1,600**	**77**	<20	<20	<20	<20	<20	**52**
	7/28/2011	<100	<100	**23**	<20	**1,700**	**78**	<20	<20	<20	<20	<20	**65**
	10/6/2011	<100	<100	**24**	<20	**2,100**	**100**	<20	<20	<20	<20	<20	**91**
	1/10/2012	<50	<50	**22**	<10	**1,300**	**81**	<10	<10	<10	<10	<10	**51**
	4/4/2012	<100	<100	<20	<20	**1,600**	**84**	<20	<20	<20	**20**	<20	**170**
	7/11/2012	<100	<100	**23**	<20	**2,500**	**120**	<20	<20	<20	**25**	<20	**210**
	10/8/2012	<100	<100	<20	<20	**1,700**	**93**	<20	<20	<20	<20	<20	**100**
	6/3/2013	<100	<100	**24**	<20	**2,000**	**120**	<20	<20	<20	<20	<20	**220**
	11/11/2013	<100	<100	**35**	<20	**2,500**	**150**	<20	<20	<20	<20	<20	**350**
	5/19/2014	<100	<100	<20	<20	**1,500**	**99**	<20	<20	<20	<20	<20	**150**
	11/26/2014	<100	<100	**21**	<20	**1,900**	**130**	<20	<20	<20	<20	<20	**210**
	5/21/2015	<50	<50	**20**	<10	**1,800**	**130**	<10	<10	<10	<10	<10	**450**
DUP-01 (MW-03s)	12/8/2009	<120	<120	**42**	<25	**2,000**	**73**	<25	<25	<25	<25	<25	**120**
MW-04s (15-20') Depth to Groundwater Approx. 15 - 17'	3/13/2009	<120	<120	<25	<25	**2,100**	**70**	<25	<25	<25	**5,000**	<25	**460**
	4/20/2009	NA	<500	<100	<100	**1,700**	<100	<100	<100	<100	**4,000**	NA	**520**
	12/9/2009	<250	<250	<50	<50	**2,500**	**90**	<50	<50	<50	**7,100**	<50	**270**
	3/17/2010	<250	<250	<50	<50	**2,900**	**82**	<50	<50	<50	**7,500**	<50	**520**
	5/18/2010	<250	<250	<50	<50	**2,100**	**58**	<50	<50	<50	**4,700**	<50	**280**
	9/17/2010	<250	<250	<50	<50	**2,400**	**70**	<50	<50	<50	**5,200**	<50	**200**
	12/22/2010	<250	<250	<50	<50	**2,700**	**91**	<50	<50	<50	**6,700**	<50	**270**
	2/25/2011	<250	<250	<50	<50	**2,500**	**82**	<50	<50	<50	**5,900**	<50	**280**
	5/11/2011[4]	<250	<250	<50	<50	**1,900**	**58**	<50	<50	<50	**4,600**	<50	**270**
	7/28/2011	<250	<250	<50	<50	**1,700**	**50**	<50	<50	<50	**4,600**	<50	**190**
	10/6/2011	<250	<250	<50	<50	**2,000**	**58**	<50	<50	<50	**4,600**	<50	**190**
	1/10/2012	<250	<250	<50	<50	**1,800**	**72**	<50	<50	<50	**4,800**	<50	**190**
	4/4/2012	<250	<250	<50	<50	**1,600**	**54**	<50	<50	<50	**4,300**	<50	**170**
	7/11/2012	<250	<250	<50	<50	**2,100**	**65**	<50	<50	<50	**5,600**	<50	**200**
	10/8/2012	<250	<250	<50	<50	**2,200**	**66**	<50	<50	<50	**6,700**	<50	**200**
	6/3/2013	<250	<250	<50	<50	**1,900**	**63**	<50	<50	<50	**5,700**	<50	**140**
	11/11/2013	<250	<250	<50	<50	**1,900**	**66**	<50	<50	<50	**6,600**	<50	**140**
	5/19/2014	<250	<250	<50	<50	**1,100**	<50	<50	<50	<50	**3,900**	<50	**56**
	11/26/2014	<250	<250	<50	<50	**1,200**	<50	<50	<50	<50	**5,500**	<50	**80**
	5/21/2015	<250	<250	<50	<50	**1,700**	**64**	<50	<50	<50	**6,200**	<50	**120**

Notes:

Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.

ug/L = micrograms per liter; NC = No criteria; NA = Not analyzed

Bold font denotes concentrations detected above laboratory reporting limits

Denotes concentrations above one or more criteria

* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlaying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.

1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
6) Headspace present in the sample, results are approximate.

Table 5
Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-04i (21.5-26.5') Depth to Groundwater Approx. 16-17'	4/3/2013	<250	<250	<50	<50	**3,100**	**100**	<50	<50	<50	**5,000**	<50	**53**
	6/3/2013	<250	<250	<50	<50	**3,400**	**96**	<50	<50	<50	**4,900**	<50	**53**
	8/29/2013	<250	<250	<50	<50	**3,900**	**120**	<50	<50	<50	**5,600**	<50	**68**
	11/11/2013	<250	<250	<50	<50	**4,200**	**120**	<50	<50	<50	**5,400**	<50	**78**
	3/27/2014	<250	<250	<50	<50	**3,000**	**79**	<50	<50	<50	**4,000**	<50	<50
	5/19/2014	<250	<250	<50	<50	**3,300**	**100**	<50	<50	<50	**4,600**	<50	**56**
	7/18/2014	<250	<250	<50	<50	**3,000**	**91**	<50	<50	<50	**4,100**	<50	**54**
	11/26/2014	<250	<250	<50	<50	**3,400**	**110**	<50	<50	<50	**5,200**	<50	**61**
	3/26/2015	<250	<250	<50	<50	**3,500**	**110**	<50	<50	<50	**5,000**	<50	**76**
	5/21/2015	<250	<250	<50	<50	**3,600**	**130**	<50	<50	<50	**6,400**	<50	**80**
MW-05s (25-30') Depth to Groundwater Approx. 25 - 27'	3/13/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**3.5**	<1.0	<1.0	**120**	<1.0	<1.0
	4/20/2009	NA	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**140**	NA	<5.0
	12/10/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**5.3**	<1.0	<1.0	**190**	<1.0	<1.0
	3/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**6.3**	<1.0	<1.0	**160**	<1.0	<1.0
	5/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**4.6**	<1.0	<1.0	**160**	<1.0	<1.0
	9/9/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**4.6**	<1.0	<1.0	**140**	<1.0	<1.0
	12/21/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**4.9**	<1.0	<1.0	**160**	<1.0	<1.0
	2/24/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**4.4**	<1.0	<1.0	**130**	<1.0	<1.0
	5/13/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**4.9**	<1.0	<1.0	**160**	<1.0	<1.0
	7/27/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**4.8**	<1.0	<1.0	**150**	<1.0	<1.0
	10/10/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**5.1**	<1.0	<1.0	**150**	<1.0	<1.0
	1/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**5.8**	<1.0	<1.0	**150**	<1.0	<1.0
	4/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**5.7**	<1.0	<1.0	**160**	<1.0	<1.0
	7/10/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**5.8**	<1.0	<1.0	**160**	<1.0	<1.0
	10/25/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**3.8**	<1.0	<1.0	**130**	<1.0	<1.0
	11/8/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**3.4**	<1.0	<1.0	**100**	<1.0	<1.0
	11/25/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**3.5**	<1.0	<1.0	**110**	<1.0	<1.0

Notes:
Health-Based Residential and Non-
Cleanup Criteria/Part 213 Risk
ug/L = micrograms per liter; NC = No criteria; NA = Not analyzed
Bold font denotes concentrations detected above laboratory reporting limits
Denotes concentrations above one or more criteria
* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlaying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.
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2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
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Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-06s (24-29') Depth to Groundwater Approx. 23 - 26'	3/16/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**21**	<1.0	<1.0
	4/20/2009	NA	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**23**	NA	<1.0
	12/9/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**37**	<1.0	<1.0
	3/18/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**31**	<1.0	<1.0
	5/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**33**	<1.0	<1.0
	9/10/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**29**	<1.0	<1.0
	12/21/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**34**	<1.0	<1.0
	2/18/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**35**	<1.0	<1.0
	5/10/2011[4]	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**27**	<1.0	<1.0
	7/27/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**27**	<1.0	<1.0
	10/5/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**30**	<1.0	<1.0
	1/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**31**	<1.0	<1.0
	4/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**32**	<1.0	<1.0
	7/10/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**32**	<1.0	<1.0
	10/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**28**	<1.0	<1.0
	11/7/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**27**	<1.0	<1.0
	11/24/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**24**	<1.0	<1.0
MW-07s (23.5-28.5') Depth to Groundwater Approx. 24 - 26'	3/16/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.1**	<1.0	**10**	<1.0	<1.0
	4/20/2009	NA	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.6**	<1.0	**11**	NA	<1.0
	12/10/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.8**	<1.0	**14**	<1.0	<1.0
	3/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.9**	<1.0	**13**	<1.0	<1.0
	5/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.9**	<1.0	**13**	<1.0	<1.0
	9/10/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.4**	<1.0	**12**	<1.0	<1.0
	12/21/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.1**	<1.0	**16**	<1.0	<1.0
	2/24/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.6**	<1.0	**12**	<1.0	<1.0
	5/13/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.5**	<1.0	**12**	<1.0	<1.0
	7/27/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.2**	<1.0	**11**	<1.0	<1.0
	10/10/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.4**	<1.0	**13**	<1.0	<1.0
	1/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.6**	<1.0	**14**	<1.0	<1.0
	4/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.3**	<1.0	**12**	<1.0	<1.0
	7/10/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.4**	<1.0	**14**	<1.0	<1.0
	10/19/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.5**	<1.0	**14**	<1.0	<1.0
	11/8/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.6**	<1.0	**13**	<1.0	<1.0
	11/25/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.2**	<1.0	**15**	<1.0	<1.0
MW-08s (23.5-28.5') Depth to Groundwater 23 - 26'	3/16/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**11**	<1.0	<1.0
	4/20/2009	NA	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**10**	NA	<1.0
	12/10/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**11**	<1.0	<1.0
DUP-01 (MW-08s)	4/20/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**10**	NA	<1.0

Notes:
Health-Based Residential and Non-
Cleanup Criteria/Part 213 Risk
ug/L = micrograms per liter; NC = No criteria; NA = Not analyzed
Bold font denotes concentrations detected above laboratory reporting limits
Denotes concentrations above one or more criteria
* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlaying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.
1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
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Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-08d (40-45') Depth to Groundwater Approx. 26 - 27'	4/2/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/11/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	8/28/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/13/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/26/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/21/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/16/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/13/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/24/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/26/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-01 (MW-08d)	4/2/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-09s (7-12') Depth to Groundwater* Approx. 5 - 8'	3/16/2009	<100	<100	<20	<20	<20	<20	<20	**160**	<20	**1,700**	<20	<20
	4/20/2009	NA	<500	<100	<100	<100	<100	<100	**220**	<100	**2,100**	NA	<100
	12/9/2009	<100	<100	<20	<20	<20	<20	<20	**150**	<20	**2,400**	<20	<20
	3/18/2010	<100	<100	<20	<20	<20	<20	<20	**120**	<20	**1,500**	<20	<20
	5/18/2010	<100	<100	<20	<20	<20	<20	<20	**120**	<20	**1,700**	<20	<20
	9/17/2010	<100	<100	<20	<20	<20	<20	<20	**120**	<20	**1,700**	<20	<20
	2/25/2011	<50	<50	<10	<10	<10	<10	<10	**84**	<10	**1,100**	<10	<10
	5/11/2011[4]	<50	<50	<10	<10	<10	<10	<10	**83**	<10	**1,200**	<10	<10
MW-10s (8-13') Depth to Groundwater Approx. 7 - 9'	5/15/2009	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/9/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/16/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/3/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/16/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/15/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/9/2011[4]	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/20/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/4/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/2/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/12/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/14/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/22/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/21/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/28/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-02 (MW-10s)	5/15/2009	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:
Health-Based Residential and Non-
Cleanup Criteria/Part 213 Risk
ug/L = micrograms per liter; NC = No criteria; NA = Not analyzed
Bold font denotes concentrations detected above laboratory reporting limits
Denotes concentrations above one or more criteria
* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlaying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.
1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
6) Headspace present in the sample, results are approximate.

Table 5
Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-10d (14-19') Depth to Groundwater Approx. 9 -10'	12/9/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-11s (29-34') Depth to Groundwater Approx. 29 - 32'	5/14/2009	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/13/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/15/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/3/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/17/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/22/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/7/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/6/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/12/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/4/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/24/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-02 (MW-11s)	5/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-01 (MW-11s)	9/3/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-12s (12-17') Depth to Groundwater Approx. 13 - 15'	5/15/2009	NA	<1.0	<1.0	<1.0	<1.0	<1.0	**1.4**	<1.0	<1.0	<1.0	<1.0	<1.0
	12/30/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.4**	<1.0	<1.0	<1.0	<1.0	<1.0
	3/15/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.0**	<1.0	<1.0	<1.0	<1.0	<1.0
	9/3/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.6**	<1.0	<1.0	<1.0	<1.0	<1.0
	12/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/14/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.6**	<1.0	<1.0	<1.0	<1.0	<1.0
	7/20/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.4**	<1.0	<1.0	<1.0	<1.0	<1.0
	10/7/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.9**	<1.0	<1.0	<1.0	<1.0	<1.0
	1/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**2.2**	<1.0	<1.0	<1.0	<1.0	<1.0
	4/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.2**	<1.0	<1.0	<1.0	<1.0	<1.0
	7/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.2**	<1.0	<1.0	<1.0	<1.0	<1.0
	10/12/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/30/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/7/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/14/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.7**	<1.0	<1.0	<1.0	<1.0	<1.0
	11/19/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/28/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:
Health-Based Residential and Non-Cleanup Criteria/Part 213 Risk
ug/L = micrograms per liter; NC = No criteria; NA = Not analyzed
Bold font denotes concentrations detected above laboratory reporting limits
Denotes concentrations above one or more criteria
* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlaying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.
1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
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Tecumseh, Michigan

Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-12d (33-38') Depth to Groundwater Approx. 13 - 15'	3/18/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/3/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/14/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/20/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/7/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/12/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/31/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/7/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/15/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/19/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/28/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-13s (13-18') Depth to Groundwater Approx. 15 - 17'	5/15/2009	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/10/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/15/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/3/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/14/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/20/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/10/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/10/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/12/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/31/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/7/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/15/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/25/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/28/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:
Health-Based Residential and Non-
Cleanup Criteria/Part 213 Risk
ug/L = micrograms per liter; NC = No criteria; NA = Not analyzed
Bold font denotes concentrations detected above laboratory reporting limits
Denotes concentrations above one or more criteria
* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlaying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.
1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
6) Headspace present in the sample, results are approximate.

Table 5
Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-14s (4-9') Depth to Perched Groundwater Approx. 3 - 7'	5/14/2009	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/8/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/15/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/3/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/20/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/16/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/11/2011[4]	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/21/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/7/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-14d (37.5-42.5') Depth to Groundwater Approx. 30 - 31'	3/23/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/3/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/16/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/16/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/9/2011[4]	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/21/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/5/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/2/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/12/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/14/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/22/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/16/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/23/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/28/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-01 (MW-14d)	2/16/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/9/2011[4]	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/21/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/5/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/2/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

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1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
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Table 5
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Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
DUP-02 (MW-14d)	6/12/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/22/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/23/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-15s (30-35') Depth to Groundwater Approx. 30 - 32'	5/15/2009	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/30/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/15/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/8/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/17/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/25/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/7/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/2/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/5/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/25/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-17s (3-8') Depth to Groundwater Approx. 6'	7/23/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/7/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/18/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/8/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/16/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/15/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/11/2011[4]	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/21/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/4/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/2/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/28/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/22/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/11/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/19/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:
Health-Based Residential and Non-Cleanup Criteria/Part 213 Risk
ug/L = micrograms per liter; NC = No criteria; NA = Not analyzed
Bold font denotes concentrations detected above laboratory reporting limits
Denotes concentrations above one or more criteria
* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlaying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.
1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
6) Headspace present in the sample, results are approximate.

Table 5
Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-18s (26-31') Depth to Groundwater Approx. 25 - 27'	12/8/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/16/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/8/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/20/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/17/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/9/2011[4]	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/22/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/5/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/6/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/4/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/21/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-19s (25-30') Depth to Groundwater Approx. 24 - 26'	12/8/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.8**	<1.0	**31**	<1.0	<1.0
	1/13/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.2**	**2.3**	<1.0	**36**	<1.0	<1.0
	3/16/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.1**	**1.7**	<1.0	**36**	<1.0	<1.0
	5/18/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.6**	<1.0	**32**	<1.0	<1.0
	9/10/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.2**	**1.8**	<1.0	**33**	<1.0	<1.0
	12/20/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.8**	<1.0	**37**	<1.0	<1.0
	2/18/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.1**	**1.8**	<1.0	**41**	<1.0	<1.0
	5/10/2011[4]	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.5**	<1.0	**28**	<1.0	<1.0
	7/25/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.0**	**1.4**	<1.0	**27**	<1.0	<1.0
	10/5/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.1**	**1.7**	<1.0	**28**	<1.0	<1.0
	1/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.2**	**1.9**	<1.0	**34**	<1.0	<1.0
	4/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.1**	**1.5**	<1.0	**32**	<1.0	<1.0
	7/10/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.6**	**2.3**	<1.0	**32**	<1.0	<1.0
	10/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.6**	<1.0	**31**	<1.0	<1.0
	11/7/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.2**	<1.0	**25**	<1.0	<1.0
	11/24/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.2**	**1.6**	<1.0	**30**	<1.0	<1.0
DUP-03 (MW-19s)	9/10/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.0**	**1.7**	<1.0	**32**	<1.0	<1.0
	11/24/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.3**	**1.6**	<1.0	**31**	<1.0	<1.0

Notes:
Health-Based Residential and Non-Cleanup Criteria/Part 213 Risk
ug/L = micrograms per liter; NC = No criteria; NA = Not analyzed
Bold font denotes concentrations detected above laboratory reporting limits
Denotes concentrations above one or more criteria
* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlaying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.
1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
6) Headspace present in the sample, results are approximate.

Table 5
Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
DUP-02 (MW-19s)	2/18/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.1**	**1.8**	<1.0	**39**	<1.0	<1.0
	5/10/2011[4]	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.6**	<1.0	**29**	<1.0	<1.0
	7/25/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.1**	**1.4**	<1.0	**27**	<1.0	<1.0
	10/5/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.1**	**1.6**	<1.0	**28**	<1.0	<1.0
	1/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.2**	**1.8**	<1.0	**34**	<1.0	<1.0
	4/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.1**	**1.6**	<1.0	**32**	<1.0	<1.0
	7/10/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	**1.6**	**2.3**	<1.0	**32**	<1.0	<1.0
	10/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.3**	<1.0	**27**	<1.0	<1.0
	11/7/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.2**	<1.0	**26**	<1.0	<1.0
MW-19d (40-45') Depth to Groundwater Approx. 24 - 26'	12/8/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/16/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/8/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/20/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/18/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/10/2011[4]	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/25/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/5/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/10/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/7/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/25/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-01 (MW-19d)	5/12/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

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1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
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Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-20s (8-13') Depth to Groundwater* Approx. 4 - 6'	12/30/2009	<5.0	<5.0	**48**	**4.0**	**9.6**	<1.0	<1.0	**150**	<1.0	**71**	**2.9**	<1.0
	1/13/2010	<5.0	<5.0	**50**	**3.5**	**9.0**	<1.0	<1.0	**170**	<1.0	**70**	**2.8**	<1.0
	3/17/2010	<5.0	<5.0	**51**	**3.8**	**9.4**	<1.0	<1.0	**160**	<1.0	**64**	**3.2**	<1.0
	5/18/2010	<10	<10	**58**	**5.1**	**12**	<2.0	<2.0	**210**	<2.0	**94**	**3.4**	<2.0
	9/10/2010	<10	<10	**34**	**4.2**	**9.7**	<2.0	<2.0	**230**	<2.0	**110**	**3.8**	<2.0
	12/21/2010	<10	<10	**24**	**3.6**	**6.1**	<2.0	<2.0	**200**	<2.0	**89**	**3.6**	<2.0
	2/18/2011	<10	<10	**19**	**3.3**	**5.5**	<2.0	<2.0	**190**	<2.0	**93**	**3.5**	<2.0
	5/13/2011	<10	<10	**14**	**2.8**	**4.1**	<2.0	<2.0	**190**	<2.0	**91**	**2.9**	<2.0
	7/25/2011	<10	<10	**6.5**	<2.0	**2.4**	<2.0	<2.0	**190**	<2.0	**100**	**2.3**	<2.0
	10/10/2011	<10	<10	**5.8**	<2.0	<2.0	<2.0	<2.0	**190**	<2.0	**110**	**3.1**	<2.0
	1/9/2012	<5.0	<5.0	**6.0**	**1.4**	**1.9**	<1.0	<1.0	**190**	<1.0	**100**	**3.2**	<1.0
	4/9/2012	<5.0	<5.0	**11**	**1.1**	**2.0**	<1.0	<1.0	**180**	<1.0	**100**	**2.6**	<1.0
	7/10/2012	<10	<10	**17**	<2.0	**2.5**	<2.0	<2.0	**190**	<2.0	**100**	**2.3**	<2.0
	10/19/2012	<10	<10	**24**	<2.0	**3.8**	<2.0	<2.0	**190**	<2.0	**98**	**2.0**	<2.0
	5/31/2013	<10	<10	**18**	**2.6**	**6.7**	<2.0	<2.0	**240**	<2.0	**120**	<2.0	<2.0
	11/8/2013	<10	<10	**6.1**	<2.0	<2.0	<2.0	<2.0	**250**	<2.0	**140**	<2.0	<2.0
	5/15/2014	<10	<10	**4.0**	<2.0	<2.0	<2.0	<2.0	**150**	<2.0	**110**	<2.0	<2.0
	7/16/2014	<5.0	<5.0	**3.9**	<1.0	<1.0	<1.0	<1.0	**140**	<1.0	**130**	<1.0	<1.0
	11/26/2014	<5.0	<5.0	**7.7**	<1.0	**1.2**	<1.0	<1.0	**120**	<1.0	**120**	<1.0	<1.0
	3/25/2015	<5.0	<5.0	**6.6**	<1.0	**1.1**	<1.0	<1.0	**82**	<1.0	**83**	<1.0	<1.0
	5/20/2015	<5.0	<5.0	**7.8**	<1.0	**1.5**	<1.0	<1.0	**96**	<1.0	**110**	<1.0	<1.0
MW-20d (38.5-43.5') Depth to Groundwater Approx. 12 - 16'	12/30/2009	<5.0	<5.0	**1.2**	<1.0	**86**	<1.0	<1.0	**1.9**	<1.0	<1.0	<1.0	**3.5**
	1/13/2010	<5.0	<5.0	<1.0	<1.0	**94**	**2.0**	<1.0	<1.0	<1.0	<1.0	<1.0	**3.7**
	3/17/2010	<5.0	<5.0	<1.0	<1.0	**85**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**4.4**
	5/18/2010	<5.0	<5.0	<1.0	<1.0	**120**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**3.7**
	9/10/2010	<5.0	<5.0	<1.0	<1.0	**95**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/21/2010	<5.0	<5.0	<1.0	<1.0	**200**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**3.5**
	2/18/2011	<10	<10	<2.0	<2.0	**190**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**3.2**
	5/13/2011	<10	<10	<2.0	<2.0	**170**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**2.6**
	7/25/2011	<5.0	<5.0	<1.0	<1.0	**170**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.6**
	10/10/2011	<10	<10	<2.0	<2.0	**200**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**2.5**
	1/9/2012	<5.0	<5.0	<1.0	<1.0	**140**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**6.0**
	4/9/2012	<5.0	<5.0	<1.0	<1.0	**190**	<1.0	<1.0	<1.0	<1.0	**1.0**	<1.0	**10**
	7/10/2012	<10	<10	<2.0	<2.0	**230**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**14**
	10/19/2012	<10	<10	<2.0	<2.0	**180**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**43**
	6/3/2013	<10	<10	<2.0	<2.0	**250**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**67**
	11/8/2013	<10	<10	<2.0	<2.0	**310**	<2.0	<2.0	<2.0	<2.0	**5.5**	<2.0	**110**
	5/15/2014	<10	<10	<2.0	<2.0	**380**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**110**
	7/16/2014	<10	<10	<2.0	<2.0	**330**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**100**
	11/26/2014	<10	<10	<2.0	<2.0	**310**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**73**
	3/25/2015	**18**	<10	<2.0	<2.0	**310**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**77**
	5/20/2015	<10	<10	<2.0	<2.0	**360**	**2.1**	<2.0	<2.0	<2.0	**3.5**	<2.0	**65**
DUP-03 (MW-20d)	5/18/2010	<5.0	<5.0	<1.0	<1.0	**120**	**1.0**	<1.0	<1.0	<1.0	<1.0	<1.0	**3.7**

Notes:
Health-Based Residential and Non-Cleanup Criteria/Part 213 Risk
ug/L = micrograms per liter; NC = No criteria; NA = Not analyzed
Bold font denotes concentrations detected above laboratory reporting limits
Denotes concentrations above one or more criteria
* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlaying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.
1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
6) Headspace present in the sample, results are approximate.

Table 5
Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-21 (28.5-33.5') Depth to Groundwater Approx. 29 - 30'	12/8/2009	<50	<50	**31**	<10	**59**	<10	<10	**54**	<10	**840**	<10	<10
	1/13/2010	<50	<50	**28**	<10	**62**	<10	<10	**56**	<10	**730**	<10	<10
	3/23/2010	<5.0	<5.0	**33**	**2.2**	**81**	**7.5**	<1.0	**62**	<1.0	**850**	<1.0	<1.0
	5/18/2010	<50	<50	**35**	<10	**89**	<10	<10	**63**	<10	**830**	<10	<10
	10/15/2010	<50	<50	**26**	<10	**80**	<10	<10	**59**	<10	**810**	<10	<10
	12/22/2010	<50	<50	**25**	<10	**69**	<10	<10	**55**	<10	**730**	<10	<10
	2/24/2011	<50	<50	**25**	<10	**66**	<10	<10	**52**	<10	**730**	<10	<10
	5/11/2011[4]	<50	<50	**24**	<10	**65**	<10	<10	**49**	<10	**740**	<10	<10
	7/28/2011	<50	<50	**22**	<10	**77**	<10	<10	**54**	<10	**1,000**	<10	<10
	10/6/2011	<50	<50	**22**	<10	**74**	<10	<10	**55**	<10	**960**	<10	<10
	1/10/2012	<50	<50	**27**	<10	**79**	<10	<10	**64**	<10	**990**	<10	<10
	4/4/2012	<50	<50	**25**	<10	**81**	<10	<10	**55**	<10	**980**	<10	<10
	7/11/2012	**58**	<50	**25**	<10	**85**	<10	<10	**63**	<10	**1,000**	<10	<10
	10/8/2012	<50	<50	**22**	<10	**65**	<10	<10	**47**	<10	**850**	<10	<10
	3/6/2013	<50	<50	**26**	<10	**90**	<10	<10	**50**	<10	**760**	<10	<10
	6/11/2013	<50	<50	**26**	<10	**100**	<10	<10	**60**	<10	**1,100**	<10	<10
	8/29/2013	<50	<50	**28**	<10	**130**	<10	<10	**68**	<10	**1,500**	<10	<10
	11/12/2013	<50	<50	**31**	<10	**130**	<10	<10	**76**	<10	**1,300**	<10	<10
	3/27/2014	<50	<50	**25**	<10	**150**	<10	<10	**64**	<10	**1,000**	<10	<10
	5/19/2014	<50	<50	**20**	<10	**170**	<10	<10	**62**	<10	**1,100**	<10	<10
	7/18/2014	<50	<50	**17**	<10	**170**	<10	<10	**63**	<10	**1,300**	<10	<10
	11/26/2014	<50	<50	**16**	<10	**180**	<10	<10	**71**	<10	**1,600**	<10	<10
	3/25/2015	<50	<50	**14**	<10	**170**	<10	<10	**55**	<10	**1,100**	<10	<10
	5/21/2015	<50	<50	**15**	<10	**180**	<10	<10	**53**	<10	**1,200**	<10	<10
DUP-01 (MW-21)	8/29/2013	<50	<50	**28**	<10	**130**	<10	<10	**67**	<10	**1,500**	<10	<10
	3/27/2014	<50	<50	**26**	<10	**150**	<10	<10	**68**	<10	**1,100**	<10	<10
	7/18/2014	<50	<50	**15**	<10	**150**	<10	<10	**54**	<10	**1,100**	<10	<10
DUP-02 (MW-21)	3/23/2010	<5.0	<5.0	**33**	**2.2**	**79**	**7.8**	<1.0	**61**	<1.0	**810**	<1.0	<1.0
DUP-03 (MW-21)	2/24/2011	<50	<50	**24**	<10	**66**	<10	<10	**50**	<10	**740**	<10	<10
	5/11/2011[4]	<50	<50	**24**	<10	**66**	<10	<10	**49**	<10	**750**	<10	<10
	7/28/2011	<50	<50	**23**	<10	**78**	<10	<10	**57**	<10	**1,000**	<10	<10
	10/6/2011	<50	<50	**21**	<10	**73**	<10	<10	**52**	<10	**910**	<10	<10
	1/10/2012	<50	<50	**27**	<10	**85**	<10	<10	**66**	<10	**1,000**	<10	<10
	4/4/2012	<50	<50	**24**	<10	**81**	<10	<10	**61**	<10	**970**	<10	<10
	7/11/2012	<50	<50	**25**	<10	**80**	<10	<10	**59**	<10	**1,000**	<10	<10
	6/11/2013	<50	<50	**26**	<10	**110**	<10	<10	**76**	<10	**1,100**	<10	<10
	11/12/2013	<50	<50	**32**	<10	**120**	<10	<10	**75**	<10	**1,300**	<10	<10
	5/19/2014	<50	<50	**19**	<10	**170**	<10	<10	**64**	<10	**1,100**	<10	<10
DUP-04 (MW-21)	11/26/2014	<50	<50	**17**	<10	**170**	<10	<10	**70**	<10	**1,400**	<10	<10

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1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
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Table 5
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Tecumseh, Michigan

Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-22 (25-30') Depth to Groundwater Approx. 25 - 26'	12/7/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**10**
	3/18/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**8.5**
	5/18/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.0**
	9/10/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**4.3**
	12/22/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**3.0**
	2/24/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.3**
	5/11/2011[4]	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.4**
	7/21/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.8**
	10/4/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**6.2**
	1/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**8.4**
	4/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**12**
	7/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**13**
	10/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**18**
	5/29/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**21**
	3/28/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**29**
	5/22/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**23**
	7/17/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**20**
	11/11/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**24**
	3/23/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**25**
	5/19/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**23**
MW-23 (17-22') Depth to Groundwater* Approx. 8 - 10'	12/8/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**3.2**
	1/13/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**7.6**
	3/16/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**4.0**
	5/18/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**6.1**
	9/10/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**9.0**
	12/21/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**17**
	2/18/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**18**
	5/10/2011[4]	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**25**
	7/25/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**23**
	10/5/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**56**
	11/4/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**11**
	1/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**48**
	4/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**85**
	7/10/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**63**
	10/8/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**47**
	5/31/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**88**
	11/8/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**120**
	5/15/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**90**
	7/17/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**90**
	11/25/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**100**
	3/25/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**110**
	5/20/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**130**

Notes:
Health-Based Residential and Non-
Cleanup Criteria/Part 213 Risk
ug/L = micrograms per liter; NC = No criteria; NA = Not analyzed
Bold font denotes concentrations detected above laboratory reporting limits
Denotes concentrations above one or more criteria
* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlaying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.
1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
6) Headspace present in the sample, results are approximate.

Table 5
Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-24s (18.5'-23.5') Depth to Groundwater Approx. 19 - 21'	12/8/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/15/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/8/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/14/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/9/2011[4]	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/19/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/4/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/2/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/29/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/4/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/14/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/17/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/27/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-24d (39-44') Depth to Groundwater Approx. 19 - 21'	12/8/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/15/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/8/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/14/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/9/2011[4]	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/19/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/4/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/2/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/30/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/4/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/14/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/17/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/27/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:
Health-Based Residential and Non-Cleanup Criteria/Part 213 Risk
ug/L = micrograms per liter; NC = No criteria; NA = Not analyzed
Bold font denotes concentrations detected above laboratory reporting limits
Denotes concentrations above one or more criteria
* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlaying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.
1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
6) Headspace present in the sample, results are approximate.

Table 5
Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-25s (20-25') Depth to Groundwater Approx. 18 - 20'	12/10/2009	<5.0	<5.0	**1.7**	<1.0	**8.8**	<1.0	<1.0	**4.8**	<1.0	<1.0	<1.0	<1.0
	3/16/2010	<5.0	<5.0	**1.2**	<1.0	<1.0	<1.0	<1.0	**17**	<1.0	**1.1**	<1.0	<1.0
	5/14/2010	<5.0	<5.0	**1.2**	<1.0	<1.0	<1.0	<1.0	**18**	<1.0	**1.0**	<1.0	<1.0
	9/8/2010	<5.0	<5.0	**1.0**	<1.0	<1.0	<1.0	<1.0	**19**	<1.0	**1.4**	<1.0	<1.0
	12/22/2010	<5.0	<5.0	**1.2**	<1.0	<1.0	<1.0	<1.0	**26**	<1.0	**2.4**	<1.0	<1.0
	2/24/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**19**	<1.0	**2.2**	<1.0	<1.0
	5/13/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**21**	<1.0	**2.2**	<1.0	<1.0
	7/28/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**19**	<1.0	**2.5**	<1.0	<1.0
	10/10/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**20**	<1.0	**2.8**	<1.0	<1.0
	1/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**20**	<1.0	**3.0**	<1.0	<1.0
	4/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**20**	<1.0	**3.6**	<1.0	<1.0
	7/11/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**21**	<1.0	**4.2**	<1.0	<1.0
	10/25/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**19**	<1.0	**4.6**	<1.0	<1.0
	6/3/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**19**	<1.0	**6.1**	<1.0	<1.0
	11/8/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**22**	<1.0	**7.0**	<1.0	<1.0
	5/16/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**20**	<1.0	**7.6**	<1.0	<1.0
	7/16/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**15**	<1.0	**7.1**	<1.0	<1.0
	11/25/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**17**	<1.0	**8.9**	<1.0	<1.0
	3/24/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**17**	<1.0	**8.6**	<1.0	<1.0
	5/28/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	**15**	<1.0	**8.9**	<1.0	<1.0
DUP-01 (MW-25s)	3/16/2010	<5.0	<5.0	**1.3**	<1.0	<1.0	<1.0	<1.0	**18**	<1.0	**1.0**	<1.0	<1.0
MW-26s (28-33') Depth to Groundwater Approx. 26 - 28'	4/6/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/8/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/17/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/25/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/7/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/2/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/5/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/25/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:
Health-Based Residential and Non-
Cleanup Criteria/Part 213 Risk
ug/L = micrograms per liter; NC = No criteria; NA = Not analyzed
Bold font denotes concentrations detected above laboratory reporting limits
Denotes concentrations above one or more criteria
* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlaying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.
1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
6) Headspace present in the sample, results are approximate.

Table 5
Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-27s (7-12') Depth to Groundwater* Approx. 3 - 4'	3/23/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**3.0**	<1.0	<1.0
	9/9/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/20/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/16/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.4**	<1.0	<1.0
	5/9/2011[4]	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.1**	<1.0	<1.0
	7/21/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/5/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/6/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/12/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/14/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.5**	<1.0	<1.0
	5/22/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.6**	<1.0	<1.0
	11/17/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.1**[5]	<1.0	<1.0
	5/27/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-02 (MW-27s)	9/9/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-27d (37.5-42.5') Depth to Groundwater Approx. 24 - 25'	3/23/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/9/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/20/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/16/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/9/2011[4]	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/22/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/5/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/6/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/12/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/14/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/22/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/17/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/27/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

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1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
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Tecumseh, Michigan

Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-28s (25-30') Depth to Groundwater Approx. 25 - 27'	3/23/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/9/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/16/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/22/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/7/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/6/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.1**	<1.0	<1.0
	4/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/6/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/12/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/4/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/19/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-28d (49-54') Depth to Groundwater Approx. 25 - 27'	3/23/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/9/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/16/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/22/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/7/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/6/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/6/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/19/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/4/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/19/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-03 (MW-28d)	10/19/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

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Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-29s (13-18') Depth to Groundwater Approx. 15 - 16'	3/18/2010	<5.0	<5.0	<1.0	<1.0	**1.3**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/17/2010	<5.0	<5.0	<1.0	<1.0	**1.2**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/9/2010	<5.0	<5.0	<1.0	<1.0	**1.4**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/15/2010	<5.0	<5.0	<1.0	<1.0	**1.5**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/15/2011	<5.0	<5.0	<1.0	<1.0	**1.7**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/20/2011	<5.0	<5.0	<1.0	<1.0	**1.1**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/10/2011	<5.0	<5.0	<1.0	<1.0	**1.3**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/6/2012	<5.0	<5.0	<1.0	<1.0	**1.2**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/5/2012	<5.0	<5.0	<1.0	<1.0	**1.1**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/9/2012	<5.0	<5.0	<1.0	<1.0	**1.1**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/12/2012	<5.0	<5.0	<1.0	<1.0	**1.5**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/30/2013	<5.0	<5.0	<1.0	<1.0	**1.2**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/6/2013	<5.0	<5.0	<1.0	<1.0	**1.3**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/15/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/2014	<5.0	<5.0	<1.0	<1.0	**1.2**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/27/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-29d (58.5-63.5') Depth to Groundwater* Approx. 18 - 19'	3/18/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/9/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/15/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/15/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/20/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/10/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/6/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/19/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/30/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/7/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/15/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/27/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:
Health-Based Residential and Non-Cleanup Criteria/Part 213 Risk
ug/L = micrograms per liter; NC = No criteria; NA = Not analyzed
Bold font denotes concentrations detected above laboratory reporting limits
Denotes concentrations above one or more criteria
* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlaying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.
1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
6) Headspace present in the sample, results are approximate.

Table 5
Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-30s (11-16') Depth to Groundwater* Approx. 9 - 11'	3/23/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/9/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/16/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/15/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/13/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/20/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/10/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/6/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/19/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/30/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/5/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/14/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/19/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/27/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-30d (25.5-30.5') Depth to Groundwater* Approx. 9 - 11'	3/23/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/9/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/16/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/15/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/13/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/20/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/10/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/6/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/19/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/30/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/5/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/14/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/19/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/27/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:
Health-Based Residential and Non-
Cleanup Criteria/Part 213 Risk
ug/L = micrograms per liter; NC = No criteria; NA = Not analyzed
Bold font denotes concentrations detected above laboratory reporting limits
Denotes concentrations above one or more criteria
* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlaying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.
1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
6) Headspace present in the sample, results are approximate.

Table 5
Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-31 (33.3-38.3') Depth to Groundwater Approx. 32 - 33'	6/18/2010	<5.0	<5.0	**14**	<1.0	**19**	**2.2**	<1.0	**20**	<1.0	**180**	<1.0	<1.0
	9/17/2010	<10	<10	<2.0	<2.0	**15**	<2.0	<2.0	**48**	<2.0	**220**	<2.0	**2.5**
	12/22/2010[5]	<10	<10	**16**	<2.0	**29**	**2.9**	<2.0	**27**	<2.0	**260**	<2.0	<2.0
	2/24/2011	<10	<10	**16**	<2.0	**31**	**3.1**	<2.0	**26**	<2.0	**300**	<2.0	<2.0
	5/11/2011[4]	<10	<10	**15**	<2.0	**24**	**3.0**	<2.0	**22**	<2.0	**250**	<2.0	<2.0
	7/21/2011	<5.0	<5.0	**7.4**	<1.0	**14**	**1.2**	<1.0	**11**	<1.0	**130**	<1.0	<1.0
	10/4/2011	<5.0	<5.0	**18**	<1.0	**40**	**3.4**	<1.0	**28**	<1.0	**340**	<1.0	<1.0
	1/10/2012	<10	<10	**17**	<2.0	**35**	**3.1**	<2.0	**24**	<2.0	**290**	<2.0	<2.0
	4/5/2012	<10	<10	**16**	<2.0	**36**	**3.1**	<2.0	**24**	<2.0	**290**	<2.0	<2.0
	7/17/2012	<20	<20	**16**	<4.0	**34**	<4.0	<4.0	**23**	<4.0	**310**	<4.0	<4.0
	10/3/2012	**16**	<12	**15**	<2.5	**40**	**3.4**	<2.5	**26**	<2.5	**340**	<2.5	<2.5
	3/6/2013	<12	<12	**13**	<2.5	**32**	**2.9**	<2.5	**23**	<2.5	**270**	<2.5	<2.5
	5/29/2013	<12	<12	**15**	<2.5	**39**	**2.9**	<2.5	**23**	<2.5	**300**	<2.5	<2.5
	8/29/2013	<12	<12	**16**	<2.5	**47**	**2.6**	<2.5	**24**	<2.5	**320**	<2.5	<2.5
	3/28/2014	<12	<12	**16**	<2.5	**34**	<2.5	<2.5	**27**	<2.5	**300**	<2.5	<2.5
	5/22/2014	<12	<12	**16**	<2.5	**34**	<2.5	<2.5	**24**	<2.5	**280**	<2.5	<2.5
	7/17/2014	<12	<12	**13**	<2.5	**33**	<2.5	<2.5	**20**	<2.5	**260**	<2.5	<2.5
	11/11/2014	<12	<12	**14**	<2.5	**40**	<2.5	<2.5	**22**	<2.5	**310**	<2.5	<2.5
	3/23/2015	**13**	<12	**16**	<2.5	**46**	<2.5	<2.5	**25**	<2.5	**340**	<2.5	<2.5
	5/19/2015	<12	<12	**15**	<2.5	**41**	<2.5	<2.5	**22**	<2.5	**320**	<2.5	<2.5
DUP-01 (MW-31)	6/18/2010	<5.0	<5.0	**12**	<1.0	**19**	**2.3**	<1.0	**21**	<1.0	**170**	<1.0	<1.0
MW-32s (23-28') Depth to Groundwater Approx. 23 - 25'	9/17/2010	<100	<100	**150**	<20	**270**	**26**	<20	**220**	<20	**2,400**	<20	<20
	11/18/2010	<100	<100	<20	<20	**190**	<20	<20	**560**	<20	**2,800**	<20	<20
	12/28/2010	<100	<100	<20	<20	**200**	<20	<20	**510**	<20	**2,300**	<20	<20
	2/25/2011	<100	<100	<20	<20	**190**	<20	<20	**420**	<20	**2,300**	<20	<20
	5/10/2011[4]	<100	<100	<20	<20	**170**	<20	<20	**380**	<20	**2,300**	<20	**31**
	7/28/2011	<100	<100	<20	<20	**140**	<20	<20	**380**	<20	**2,400**	<20	<20
	10/6/2011	<100	<100	<20	<20	**160**	<20	<20	**350**	<20	**2,200**	<20	<20
	1/10/2012	<100	<100	<20	<20	**170**	<20	<20	**400**	<20	**2,300**	<20	<20
	4/4/2012	<100	<100	<20	<20	**130**	<20	<20	**340**	<20	**2,200**	<20	<20
	7/11/2012	<100	<100	<20	<20	**85**	<20	<20	**370**	<20	**2,200**	<20	<20
	10/10/2012	<100	<100	<20	<20	**89**	<20	<20	**280**	<20	**1,600**	<20	<20
	5/20/2013	<100	<100	<20	<20	**89**	<20	<20	**220**	<20	**1,400**	<20	<20
	11/5/2013	<50	<50	<10	<10	**71**	<10	<10	**190**	<10	**1,200**	<10	<10
	7/15/2014	<50	<50	<10	<10	**48**	<10	<10	**160**	<10	**1,200**	<10	<10
	11/12/2014	<50	<50	<10	<10	**54**	<10	<10	**190**	<10	**1,500**	<10	<10
	5/19/2015	<50	<50	<10	<10	**55**	<10	<10	**150**	<10	**1,200**	<10	<10
DUP-01 (MW-32s)	5/19/2015	<50	<50	<10	<10	**55**	<10	<10	**150**	<10	**1,300**	<10	<10

Notes:
Health-Based Residential and Non-
Cleanup Criteria/Part 213 Risk
ug/L = micrograms per liter; NC = No criteria; NA = Not analyzed
Bold font denotes concentrations detected above laboratory reporting limits
Denotes concentrations above one or more criteria
* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlaying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.
1) Criterion is not protective for surface water used as a drinking water source as described in footnote (X) of MDEQ Op Memo 1 Part 201, Attachment 1
2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
6) Headspace present in the sample, results are approximate.

Table 5
Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-32d (35-40') Depth to Groundwater Approx. 23 - 24'	5/20/2013	<5.0	<5.0	<1.0	<1.0	**2.0**	**3.2**	<1.0	<1.0	<1.0	**53**	<1.0	<1.0
	8/28/2013	<5.0	<5.0	<1.0	<1.0	**2.4**	**3.3**	<1.0	<1.0	<1.0	**53**	<1.0	<1.0
	11/5/2013	<5.0	<5.0	<1.0	<1.0	**1.9**	**3.2**	<1.0	<1.0	<1.0	**51**	<1.0	<1.0
	3/27/2014	<5.0	<5.0	<1.0	<1.0	**2.0**	**3.0**	<1.0	<1.0	<1.0	**56**	<1.0	<1.0
	5/19/2014	<5.0	<5.0	<1.0	<1.0	**1.8**	**3.0**	<1.0	<1.0	<1.0	**49**	<1.0	<1.0
	7/15/2014	<5.0	<5.0	<1.0	<1.0	**2.3**	**2.4**	<1.0	<1.0	<1.0	**51**	<1.0	<1.0
	11/11/2014	<5.0	<5.0	<1.0	<1.0	**2.1**	**3.2**	<1.0	<1.0	<1.0	**60**	<1.0	<1.0
	2/25/2015	<5.0	<5.0	<1.0	<1.0	**2.1**	**3.4**	<1.0	<1.0	<1.0	**48**	<1.0	<1.0
	5/19/2015	<5.0	<5.0	<1.0	<1.0	**2.0**	**3.0**	<1.0	<1.0	<1.0	**55**	<1.0	<1.0
DUP-01 (MW-32d)	11/5/2013	<5.0	<5.0	<1.0	<1.0	**1.7**	**3.1**	<1.0	<1.0	<1.0	**51**	<1.0	<1.0
	5/19/2014	<5.0	<5.0	<1.0	<1.0	**2.1**	**3.0**	<1.0	<1.0	<1.0	**51**	<1.0	<1.0
	11/11/2014	<5.0	<5.0	<1.0	<1.0	**2.3**	**3.4**	<1.0	<1.0	<1.0	**59**	<1.0	<1.0
	2/25/2015	<5.0	<5.0	<1.0	<1.0	**2.2**	**3.5**	<1.0	<1.0	<1.0	**49**	<1.0	<1.0
MW-33s (21-26') Depth to Groundwater Approx. 20 - 22'	9/17/2010	<5.0	<5.0	**12**	<1.0	**13**	<1.0	<1.0	<1.0	<1.0	**76**	<1.0	**64**
	11/18/2010	<5.0	<5.0	**14**	<1.0	**22**	<1.0	<1.0	**1.1**	<1.0	**150**	<1.0	**56**
	12/22/2010	<5.0	<5.0	**14**	<1.0	**22**	**1.2**	<1.0	**1.0**	<1.0	**130**	<1.0	**57**
	2/24/2011	<5.0	<5.0	**12**	<1.0	**20**	**1.0**	<1.0	<1.0	<1.0	**110**	<1.0	**60**
	5/10/2011[4]	<10	<10	**11**	<2.0	**21**	<2.0	<2.0	<2.0	<2.0	**220**	<2.0	**55**
	7/28/2011	<10	<10	**8.9**	<2.0	**18**	<2.0	<2.0	<2.0	<2.0	**260**	<2.0	**22**
	10/6/2011	<10	<10	**11**	<2.0	**19**	<2.0	<2.0	<2.0	<2.0	**220**	<2.0	**48**
	1/9/2012[6]	<5.0	**8.9**	**15**	<1.0	**20**	**1.0**	<1.0	**1.3**	<1.0	**170**	<1.0	**51**
	4/4/2012	<5.0	**5.6**	**17**	<1.0	**21**	<1.0	<1.0	**1.2**	<1.0	**170**	<1.0	**48**
	7/11/2012	<5.0	**13**	**25**	<1.0	**32**	**1.3**	<1.0	<1.0	<1.0	**130**	<1.0	**52**
	10/10/2012	<5.0	**12**	**23**	<1.0	**31**	**1.2**	<1.0	<1.0	<1.0	**120**	<1.0	**57**
	5/20/2013	<5.0	**9.4**	**16**	<1.0	**23**	<1.0	<1.0	<1.0	<1.0	**98**	<1.0	**100**
	11/5/2013	<5.0	**7.7**	**16**	<1.0	**28**	<1.0	<1.0	<1.0	<1.0	**77**	<1.0	**58**
	5/19/2014	<5.0	**7.4**	**12**	<1.0	**21**	<1.0	<1.0	<1.0	<1.0	**70**	<1.0	**63**
	11/12/2014	<5.0	**9.2**	**12**	<1.0	**19**	<1.0	<1.0	<1.0	<1.0	**91**	<1.0	**58**
	5/19/2015	<5.0	<5.0	**11**	<1.0	**17**	<1.0	<1.0	<1.0	<1.0	**69**	<1.0	**44**
DUP-01 (MW-33s)	11/18/2010	<5.0	<5.0	**14**	<1.0	**23**	<1.0	<1.0	**1.2**	<1.0	**150**	<1.0	**55**

Notes:
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1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
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Table 5
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Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-34s (23-28') Depth to Groundwater Approx. 23 - 25'	9/17/2010	<100	<100	<20	<20	<20	<20	<20	**1,600**	<20	**1,100**	<20	<20
	11/18/2010	<100	<100	<20	<20	<20	<20	<20	**1,600**	<20	**1,200**	<20	<20
	12/28/2010	<50	<50	<10	**13**	<10	<10	<10	**1,400**	<10	**1,000**	<10	<10
	2/25/2011	<50	<50	<10	<10	<10	<10	<10	**1,100**	<10	**900**	<10	<10
	5/10/2011[4]	<50	<50	<10	<10	<10	<10	<10	**1,200**	<10	**970**	<10	<10
	7/28/2011	<50	<50	<10	<10	<10	<10	<10	**1,300**	<10	**1,100**	<10	<10
	10/6/2011	<50	<50	<10	<10	<10	<10	<10	**1,200**	<10	**1,000**	<10	<10
	1/10/2012	<50	<50	<10	**14**	<10	<10	<10	**1,500**	<10	**1,100**	<10	<10
	4/4/2012	<50	<50	<10	<10	<10	<10	<10	**1,400**	<10	**1,200**	<10	<10
	7/11/2012	<50	<50	<10	<10	<10	<10	<10	**1,400**	<10	**1,100**	<10	<10
	10/10/2012	<50	<50	<10	<10	<10	<10	<10	**1,400**	<10	**1,100**	<10	<10
	5/20/2013	<50	<50	<10	<10	<10	<10	<10	**720**	<10	**730**	<10	<10
	11/12/2013	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	**490**	<5.0	**450**	<5.0	<5.0
	5/19/2014	<25	<25	<5.0	**5.6**	<5.0	<5.0	<5.0	**690**	<5.0	**730**	<5.0	<5.0
	11/26/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	**690**	<5.0	**730**	<5.0	<5.0
	5/21/2015	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	**560**	<5.0	**530**	<5.0	<5.0
DUP-01 (MW-34s)	5/20/2013	<50	<50	<10	<10	<10	<10	<10	**730**	<10	**730**	<10	<10
MW-34d (45-50') Depth to Groundwater Approx. 23 - 24'	5/20/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	8/28/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.1**	<1.0	<1.0
	11/12/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/26/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/21/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.1**	<1.0	<1.0
	7/16/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.2**	<1.0	<1.0
	11/13/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/24/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/22/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-35i (20.5-22.5') Depth to Groundwater Approx. 16 - 17'	10/29/2012	<250	<250	<50	**94**	<50	<50	<50	**4,500**	<50	**3,000**	<50	<50
	3/27/2013	<250	<250	<50	**110**	<50	<50	<50	**4,500**	<50	**2,700**	<50	<50
	6/5/2013	<250	<250	<50	**160**	<50	<50	<50	**6,400**	<50	**4,300**	<50	<50
	8/29/2013	<250	<250	<50	**160**	<50	<50	<50	**6,600**	<50	**4,900**	<50	<50
	11/12/2013	<250	<250	<50	**190**	<50	<50	<50	**7,400**	<50	**5,100**	<50	<50
	3/28/2014	<250	<250	<50	**170**	<50	<50	<50	**6,300**	<50	**4,600**	<50	<50
	5/21/2014	<250	<250	<50	**140**	**50**	<50	<50	**5,300**	<50	**4,400**	<50	<50
	7/18/2014	<250	<250	<50	**130**	<50	<50	<50	**5,300**	<50	**4,600**	<50	<50
	11/20/2014	<250	<250	<50	**100**	<50	<50	<50	**5,200**	<50	**4,700**	<50	<50
	3/24/2015	<120	<120	<25	**43**	<25	<25	<25	**3,200**	<25	**2,600**	<25	<25
	5/22/2015	<250	<250	<50	**78**	<50	<50	<50	**4,100**	<50	**3,800**	<50	<50

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Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-35d (42.5-44.5') Depth to Groundwater Approx. 15 - 16'	7/24/2012	<5.0	<5.0	<1.0	<1.0	**180**	**53**	<1.0	**1.5**	<1.0	**20**	<1.0	**22**
	10/25/2012	<5.0	<5.0	<1.0	<1.0	**3.8**	**1.2**	<1.0	<1.0	<1.0	**2.2**	<1.0	**19**
	3/6/2013	<5.0	<5.0	<1.0	<1.0	**1.6**	<1.0	<1.0	<1.0	<1.0	**1.6**	<1.0	**24**
	6/11/2013	<5.0	<5.0	<1.0	<1.0	**2.3**	<1.0	<1.0	<1.0	<1.0	**1.7**	<1.0	**23**
	8/28/2013	<5.0	<5.0	<1.0	<1.0	**5.5**	<1.0	<1.0	<1.0	<1.0	**1.5**	<1.0	**26**
	11/12/2013	<5.0	<5.0	<1.0	<1.0	**9.1**	**1.1**	<1.0	<1.0	<1.0	<1.0	<1.0	**33**
	3/26/2014	<5.0	<5.0	<1.0	<1.0	**24**	**3.2**	<1.0	<1.0	<1.0	**1.1**	<1.0	**33**
	5/20/2014	<5.0	<5.0	<1.0	<1.0	**22**	**3.0**	<1.0	<1.0	<1.0	**1.3**	<1.0	**30**
	7/16/2014	<5.0	<5.0	<1.0	<1.0	**12**	**1.4**	<1.0	<1.0	<1.0	**1.2**	<1.0	**31**
	11/13/2014	<5.0	<5.0	<1.0	<1.0	**17**	**2.1**	<1.0	<1.0	<1.0	**1.1**	<1.0	**40**
	3/24/2015	<5.0	<5.0	<1.0	<1.0	**44**	**8.0**	<1.0	<1.0	<1.0	<1.0	<1.0	**42**
	5/22/2015	<5.0	<5.0	<1.0	<1.0	**9.3**	**1.4**	<1.0	<1.0	<1.0	**1.7**	<1.0	**34**
MW-36s (16.5-21.5') Depth to Groundwater Approx. 16 - 17'	4/3/2013	<12	**19**	**15**	**2.7**	**140**	**18**	<2.5	**35**	**2.9**	**260**	<2.5	**12**
	5/31/2013	<12	**20**	**14**	**2.6**	**150**	**18**	<2.5	**29**	<2.5	**280**	<2.5	**11**
	8/29/2013	<12	**15**	**16**	**2.9**	**160**	**20**	<2.5	**30**	<2.5	**370**	<2.5	**11**
	11/8/2013	<12	**21**	**20**	**3.0**	**200**	**22**	<2.5	**32**	<2.5	**440**	<2.5	**20**
	3/27/2014	<25	<25	**15**	<5.0	**130**	**15**	<5.0	**21**	<5.0	**430**	<5.0	**15**
	5/15/2014	<25	<25	**15**	<5.0	**120**	**16**	<5.0	**22**	<5.0	**370**	<5.0	**16**
	7/18/2014	<25	<25	**14**	<5.0	**120**	**15**	<5.0	**18**	<5.0	**410**	<5.0	**16**
	11/25/2014	<25	**28**	**18**	<5.0	**150**	**19**	<5.0	**20**	<5.0	**540**	<5.0	**25**
	3/25/2015	<25	**30**	**17**	<5.0	**130**	**16**	<5.0	**21**	<5.0	**550**	<5.0	**30**
	5/20/2015	<25	<25	**17**	<5.0	**130**	**16**	<5.0	**19**	<5.0	**570**	<5.0	**28**
DUP-02 (MW-36s)	5/20/2015	<25	<25	**17**	<5.0	**130**	**16**	<5.0	**20**	<5.0	**600**	<5.0	**29**
MW-36d (31-36') Depth to Groundwater Approx. 16 - 17'	4/2/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/11/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	8/28/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/12/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/26/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/21/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/15/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/13/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/24/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/22/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:
Health-Based Residential and Non-Cleanup Criteria/Part 213 Risk
ug/L = micrograms per liter; NC = No criteria; NA = Not analyzed
Bold font denotes concentrations detected above laboratory reporting limits
Denotes concentrations above one or more criteria
* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlaying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.
1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
6) Headspace present in the sample, results are approximate.

Table 5
Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-37s (25.5-30.5') Depth to Groundwater Approx. 25 - 26'	4/3/2013	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**570**	<5.0	<5.0
	6/3/2013	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**580**	<5.0	<5.0
	8/29/2013	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**580**	<5.0	<5.0
	11/11/2013	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	**5.6**	<5.0	**640**	<5.0	<5.0
	3/27/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**550**	<5.0	<5.0
	5/16/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	**5.6**	<5.0	**610**	<5.0	<5.0
	7/18/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**610**	<5.0	<5.0
	11/26/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	**5.4**	<5.0	**740**	<5.0	<5.0
	3/26/2015	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**580**	<5.0	<5.0
	5/21/2015	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**630**	<5.0	<5.0
DUP-03 (MW-37s)	5/21/2015	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**640**	<5.0	<5.0
MW-38s (9-14') Depth to Groundwater Approx. 9 - 10'	4/3/2013	<10	<10	**13**	<2.0	**22**	**2.7**	<2.0	**18**	<2.0	**210**	<2.0	**16**
	6/3/2013	<10	<10	**15**	<2.0	**30**	**2.6**	<2.0	**18**	<2.0	**230**	<2.0	**16**
	8/29/2013	<12	<12	**20**	<2.5	**42**	**3.4**	<2.5	**22**	<2.5	**280**	<2.5	**17**
	11/11/2013	<10	<10	**21**	<2.0	**35**	**3.0**	<2.0	**28**	<2.0	**290**	<2.0	**19**
	7/17/2014	<10	<10	**13**	<2.0	**26**	**2.5**	<2.0	**21**	<2.0	**240**	<2.0	**11**
	11/26/2014	<10	<10	**9.4**	<2.0	**21**	**2.4**	<2.0	**24**	<2.0	**310**	<2.0	**9.3**
	3/25/2015	**10**	<10	**7.6**	<2.0	**19**	**2.0**	<2.0	**15**	<2.0	**210**	<2.0	**9.7**
	5/21/2015	<10	<10	**8.1**	<2.0	**23**	**2.4**	<2.0	**15**	<2.0	**250**	<2.0	**10**
MW-38d (29-34') Depth to Groundwater Approx. 30 - 32'	4/3/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**11**	<1.0	<1.0
	6/12/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.8**	<1.0	<1.0
	8/29/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.2**	<1.0	<1.0
	11/14/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/27/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/22/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/17/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/21/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/25/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/28/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:
Health-Based Residential and Non-
Cleanup Criteria/Part 213 Risk
ug/L = micrograms per liter; NC = No criteria; NA = Not analyzed
Bold font denotes concentrations detected above laboratory reporting limits
Denotes concentrations above one or more criteria
* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlaying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.
1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
6) Headspace present in the sample, results are approximate.

Table 5
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Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-39s (15.5-20.5') Depth to Groundwater Approx. 15 - 16'	4/3/2013	<50	<50	**86**	**17**	**56**	<10	<10	**86**	<10	**810**	<10	<10
	6/3/2013	<50	<50	**90**	**18**	**71**	<10	<10	**84**	<10	**870**	<10	<10
	8/29/2013	<25	<25	**42**	**9.5**	**36**	<5.0	<5.0	**39**	<5.0	**460**	<5.0	<5.0
	11/11/2013	<50	<50	**97**	**24**	**67**	<10	<10	**99**	<10	**840**	<10	<10
	3/28/2014	<25	<25	**79**	**18**	**64**	**7.2**	<5.0	**96**	<5.0	**790**	<5.0	<5.0
	5/16/2014	<25	<25	**79**	**21**	**50**	**5.6**	<5.0	**120**	<5.0	**960**	<5.0	<5.0
	7/18/2014	<25	<25	**68**	**17**	**64**	**7.0**	<5.0	**90**	<5.0	**840**	<5.0	<5.0
	11/26/2014	<25	<25	**87**	**21**	**66**	**8.2**	<5.0	**110**	<5.0	**940**	<5.0	<5.0
	3/26/2015	<25	<25	**89**	**20**	**56**	**6.6**	<5.0	**100**	<5.0	**790**	<5.0	<5.0
	5/21/2015	<50	<50	**99**	**22**	**62**	<10	<10	**110**	<10	**870**	<10	<10
MW-39d (34-39') Depth to Groundwater Approx. 15 - 16'	4/2/2013	<5.0	<5.0	<1.0	<1.0	**2.6**	**2.5**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/11/2013	<5.0	<5.0	<1.0	<1.0	**3.2**	**2.5**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	8/28/2013	<5.0	<5.0	<1.0	<1.0	**3.4**	**2.3**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/12/2013	<5.0	<5.0	<1.0	<1.0	**2.9**	**2.3**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/26/2014	<5.0	<5.0	<1.0	<1.0	**3.3**	**2.3**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/21/2014	<5.0	<5.0	<1.0	<1.0	**3.3**	**2.0**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/15/2014	<5.0	<5.0	<1.0	<1.0	**3.0**	**2.1**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/13/2014	<5.0	<5.0	<1.0	<1.0	**3.4**	**2.3**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/24/2015	<5.0	<5.0	<1.0	<1.0	**3.4**	**2.1**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/26/2015	<5.0	<5.0	<1.0	<1.0	**3.2**	**2.1**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-40s (20-25') Depth to Groundwater Approx. 22 - 23'	4/3/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/12/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	8/28/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/13/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/26/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/21/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/16/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/17/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/23/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/26/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

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2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
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Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-40d (37.5-42.5') Depth to Groundwater Approx. 21 - 22'	4/3/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/12/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	8/28/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/13/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/26/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/22/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/16/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/17/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/23/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/26/2015	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
NS-18s (20-25') Depth to Groundwater Approx. 20 - 22'	7/25/2012	<50	<50	**19**	<10	**58**	<10	<10	**11**	<10	**900**	<10	<10
	5/20/2014	<50	<50	**20**	<10	**120**	**11**	<10	**17**	<10	**790**	<10	<10
	7/14/2014	<50	<50	**18**	<10	**100**	<10	<10	**11**	<10	**760**	<10	<10
	11/12/2014	<50	<50	**19**	<10	**120**	**11**	<10	**14**	<10	**1,100**	<10	<10
	2/24/2015	<50	<50	**27**	<10	**130**	**13**	<10	**18**	<10	**1,100**	<10	**25**
	5/20/2015	<50	<50	**24**	<10	**130**	**12**	<10	**15**	<10	**1,100**	<10	**42**
NS-18i (30-35') Depth to Groundwater Approx. 20 - 22'	7/25/2012	<120	<120	<25	<25	**600**	**140**	<25	<25	<25	**2,600**	<25	**26**
	3/27/2014	<120	<120	<25	<25	**630**	**140**	<25	<25	<25	**2,000**	<25	**44**
	5/19/2014	<100	<100	<20	<20	**560**	**110**	<20	<20	<20	**1,700**	<20	**37**
	7/14/2014	<100	<100	<20	<20	**580**	**120**	<20	<20	<20	**1,900**	<20	**37**
	11/12/2014	<100	<100	<20	<20	**650**	**140**	<20	<20	<20	**2,200**	<20	**25**
	2/24/2015	<100	<100	<20	<20	**660**	**150**	<20	<20	<20	**2,100**	<20	**24**
	5/20/2015	<100	<100	<20	<20	**610**	**140**	<20	<20	<20	**2,000**	<20	<20
NS-18d (39.1-44.1') Depth to Groundwater Approx. 20 - 22'	7/25/2012	<10	<10	<2.0	<2.0	**200**	**30**	<2.0	<2.0	<2.0	**33**	<2.0	<2.0
	5/20/2014	<10	<10	<2.0	<2.0	**180**	**30**	<2.0	<2.0	<2.0	**20**	<2.0	**4.1**
	7/14/2014	<10	<10	<2.0	<2.0	**220**	**38**	<2.0	<2.0	<2.0	**17**	<2.0	**5.7**
	11/12/2014	<10	<10	<2.0	<2.0	**190**	**31**	<2.0	<2.0	<2.0	**19**	<2.0	**9.1**
	2/24/2015	<10	<10	<2.0	<2.0	**170**	**28**	<2.0	<2.0	<2.0	**19**	<2.0	**9.1**
	5/19/2015	<10	<10	<2.0	<2.0	**180**	**31**	<2.0	<2.0	<2.0	**20**	<2.0	**3.8**
NS-19s (24-29') Depth to Groundwater Approx. 23 - 25'	7/27/2012	<50	<50	<10	<10	**69**	<10	<10	**30**	<10	**900**	<10	**53**
	5/20/2014	<10	<10	**7.9**	**4.6**	**160**	**2.8**	<2.0	**4.9**	<2.0	**150**	<2.0	**140**
	7/14/2014	<10	<10	**7.2**	**4.4**	**150**	**2.4**	<2.0	**6.3**	<2.0	**190**	<2.0	**120**
	11/13/2014	<50	<50	**45**	**31**	**970**	**14**	<10	**46**	<10	**1,400**	<10	**660**
	2/25/2015	<10	<10	**11**	**7.6**	**260**	**4.1**	<2.0	**7.0**	<2.0	**260**	<2.0	**150**
	5/20/2015	<10	<10	**11**	**4.8**	**200**	**2.6**	<2.0	**7.1**	<2.0	**290**	<2.0	**140**

Notes:
Health-Based Residential and Non-
Cleanup Criteria/Part 213 Risk
ug/L = micrograms per liter; NC = No criteria; NA = Not analyzed
Bold font denotes concentrations detected above laboratory reporting limits
Denotes concentrations above one or more criteria
* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlaying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.
1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
6) Headspace present in the sample, results are approximate.

Table 5
Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
NS-19i (34-39') Depth to Groundwater Approx. 23 - 25'	7/27/2012	<25	<25	<5.0	<5.0	**91**	**26**	<5.0	<5.0	<5.0	**630**	<5.0	<5.0
	5/20/2014	<25	<25	<5.0	<5.0	**80**	**22**	<5.0	<5.0	<5.0	**490**	<5.0	<5.0
	7/14/2014	<25	<25	<5.0	<5.0	**76**	**19**	<5.0	<5.0	<5.0	**430**	<5.0	<5.0
	11/13/2014	<25	<25	<5.0	<5.0	**75**	**20**	<5.0	<5.0	<5.0	**510**	<5.0	<5.0
	2/25/2015	<25	<25	<5.0	<5.0	**71**	**22**	<5.0	<5.0	<5.0	**520**	<5.0	<5.0
	5/20/2015	<25	<25	<5.0	<5.0	**70**	**20**	<5.0	<5.0	<5.0	**550**	<5.0	<5.0
NS-19d (43.5-48.5') Depth to Groundwater Approx. 23 - 25'	7/27/2012	<5.0	<5.0	<1.0	<1.0	<1.0	**2.1**	<1.0	<1.0	<1.0	**27**	<1.0	<1.0
	5/20/2014	<5.0	<5.0	<1.0	<1.0	**1.3**	**2.4**	<1.0	<1.0	<1.0	**23**	<1.0	<1.0
	7/14/2014	<5.0	<5.0	<1.0	<1.0	<1.0	**1.9**	<1.0	<1.0	<1.0	**21**	<1.0	<1.0
	11/11/2014	<5.0	<5.0	<1.0	<1.0	<1.0	**2.0**	<1.0	<1.0	<1.0	**24**	<1.0	<1.0
	2/25/2015	<5.0	<5.0	<1.0	<1.0	**1.2**	**2.3**	<1.0	<1.0	<1.0	**24**	<1.0	<1.0
	5/19/2015	<5.0	<5.0	<1.0	<1.0	<1.0	**1.6**	<1.0	<1.0	<1.0	**22**	<1.0	<1.0
NS-20s (23-28') Depth to Groundwater Approx. 23 - 25'	7/31/2012	<120	<120	<25	<25	**120**	<25	<25	**830**	<25	**2,600**	<25	<25
	5/20/2014	<100	<100	<20	<20	**160**	<20	<20	**500**	<20	**1,900**	<20	**36**
	7/15/2014	<100	<100	<20	<20	**190**	<20	<20	**490**	<20	**1,800**	<20	**38**
	11/12/2014	<100	<100	<20	<20	**300**	<20	<20	**480**	<20	**2,000**	<20	**62**
	2/25/2015	<50	<50	**24**	<10	**780**	<10	<10	**380**	<10	**1,300**	<10	**160**
	5/20/2015	<50	<50	**16**	<10	**610**	<10	<10	**340**	<10	**1,200**	<10	**120**
NS-20i (29-34') Depth to Groundwater Approx. 23 - 25'	7/31/2012	<5.0	<5.0	**22**	**2.3**	**17**	**1.5**	<1.0	<1.0	<1.0	**18**	<1.0	**130**
	5/20/2014	<5.0	<5.0	**12**	**1.6**	**12**	**1.3**	<1.0	<1.0	<1.0	**10**	<1.0	**42**
	7/15/2014	<5.0	<5.0	**11**	**1.5**	**12**	**1.4**	<1.0	<1.0	<1.0	**14**	<1.0	**55**
	11/12/2014	<5.0	<5.0	**11**	**1.5**	**12**	**1.6**	<1.0	<1.0	<1.0	**18**	<1.0	**52**
	2/25/2015	<5.0	<5.0	**11**	**1.5**	**10**	**1.4**	<1.0	<1.0	<1.0	**14**	<1.0	**34**
	5/20/2015	<5.0	<5.0	**11**	**1.1**	**8.8**	<1.0	<1.0	<1.0	<1.0	**11**	<1.0	**20**

Notes:
Health-Based Residential and Non-
Cleanup Criteria/Part 213 Risk
ug/L = micrograms per liter; NC = No criteria; NA = Not analyzed
Bold font denotes concentrations detected above laboratory reporting limits
Denotes concentrations above one or more criteria
* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlaying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.
1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
6) Headspace present in the sample, results are approximate.

Table 5
Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		2-Butanone[2]	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria		13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria		38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria		2,200	1,100[1]	740	130	620	1,500[1]	60[1]	89	330[1]	200[1]	NC	13[1]
Residential GWSLs for Vapor Intrusion		4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion		1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria		2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000[3]	1.1E+06	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
SS-09s (23-28') Depth to Groundwater Approx. 23 - 25'	8/2/2012	<50	<50	<10	<10	<10	<10	**11**	**790**	<10	**560**	<10	<10
	5/20/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	**13**	**370**	<5.0	**330**	<5.0	<5.0
	7/17/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	**13**	**600**	<5.0	**470**	<5.0	<5.0
	11/21/2014	<25	<25	<5.0	**6.8**	<5.0	<5.0	**21**	**820**	<5.0	**560**	<5.0	<5.0
	3/26/2015	<25	<25	<5.0	**6.4**	<5.0	<5.0	**21**	**830**	<5.0	**520**	<5.0	<5.0
	5/22/2015	<50	<50	<10	<10	<10	<10	**27**	**1,200**	<10	**730**	<10	<10
DUP-04 (SS-09s)	5/20/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	**13**	**380**	<5.0	**330**	<5.0	<5.0
DUP-02 (SS-09s)	7/17/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	**13**	**550**	<5.0	**430**	<5.0	<5.0
SS-09i (34-39') Depth to Groundwater Approx. 23 - 25'	8/2/2012	<50	<5.0	**8.0**	<1.0	**37**	**5.4**	<1.0	**2.6**	<1.0	<1.0	<1.0	<1.0
	5/20/2014	<5.0	<5.0	**7.1**	<1.0	**32**	**5.3**	<1.0	**2.2**	<1.0	<1.0	<1.0	<1.0
	7/17/2014	<5.0	<5.0	**6.6**	<1.0	**30**	**4.6**	<1.0	**3.8**	<1.0	**2.5**	<1.0	<1.0
	11/21/2014	<5.0	<5.0	**6.9**	<1.0	**29**	**4.9**	<1.0	**5.2**	<1.0	**3.9**	<1.0	<1.0
	3/26/2015	<5.0	<5.0	**7.3**	<1.0	**30**	**5.0**	<1.0	**5.7**	<1.0	**4.1**	<1.0	<1.0
	5/22/2015	<5.0	<5.0	**7.2**	<1.0	**31**	**5.0**	<1.0	**4.3**	<1.0	**3.7**	<1.0	<1.0
SS-10s (22.5-27.5') Depth to Groundwater Approx. '	8/2/2012	<50	<50	<10	<10	<10	<10	<10	**160**	<10	**770**	<10	<10
	5/21/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	**80**	<5.0	**570**	<5.0	<5.0
	7/17/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	**83**	<5.0	**640**	<5.0	<5.0
	12/1/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	**110**	<5.0	**780**	<5.0	<5.0
	3/26/2015	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	**82**	<5.0	**610**	<5.0	<5.0
	5/22/2015	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	**56**	<5.0	**600**	<5.0	<5.0
SS-10i (33-38') Depth to Groundwater Approx. 23 - 25'	8/2/2012	<5.0	<5.0	**8.2**	<1.0	**24**	**1.7**	<1.0	<1.0	<1.0	**78**	<1.0	<1.0
	5/21/2014	<5.0	<5.0	**7.2**	<1.0	**25**	**1.9**	<1.0	<1.0	<1.0	**54**	<1.0	<1.0
	7/17/2014	<5.0	<5.0	**7.0**	<1.0	**24**	**1.7**	<1.0	<1.0	<1.0	**52**	<1.0	<1.0
	12/1/2014	<5.0	<5.0	**6.6**	<1.0	**24**	**1.9**	<1.0	<1.0	<1.0	**57**	<1.0	<1.0
	3/26/2015	<5.0	<5.0	**7.1**	<1.0	**23**	**1.9**	<1.0	<1.0	<1.0	**48**	<1.0	<1.0
	5/22/2015	<5.0	<5.0	**7.4**	<1.0	**26**	**1.9**	<1.0	<1.0	<1.0	**59**	<1.0	<1.0
SS-10d (50-55') Depth to Groundwater Approx. 23 - 25'	8/3/2012	<5.0	<5.0	<1.0	<1.0	**15**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/21/2014	<5.0	<5.0	<1.0	<1.0	**17**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/17/2014	<5.0	<5.0	<1.0	<1.0	**16**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/13/2014	<5.0	<5.0	<1.0	<1.0	**18**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/24/2015	<5.0	<5.0	<1.0	<1.0	**16**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/21/2015	<5.0	<5.0	<1.0	<1.0	**16**	<1.0	<1.0	<1.0	<1.0	**1.0**	<1.0	<1.0

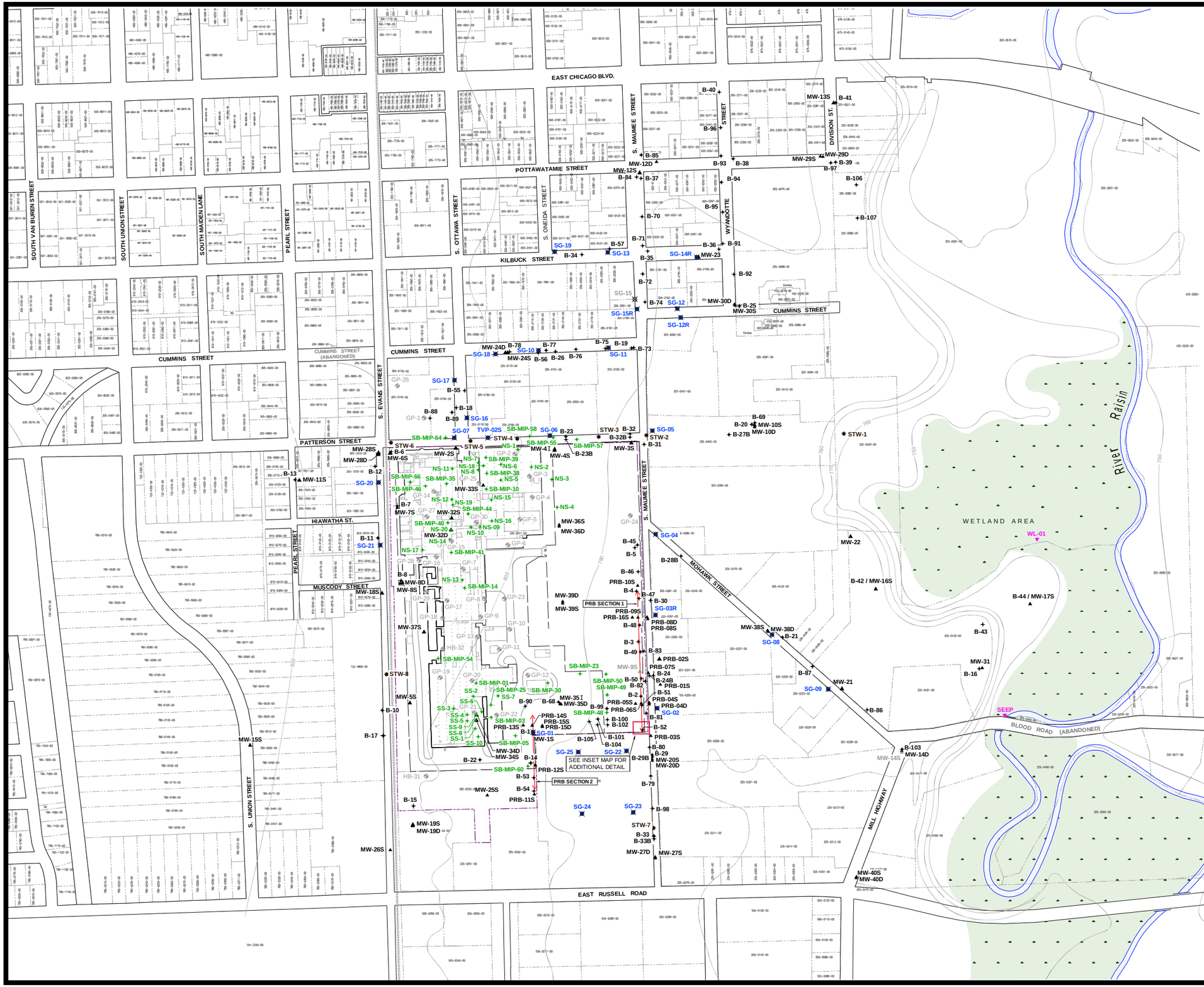
Notes:
Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.
ug/L = micrograms per liter; NC = No criteria; NA = Not analyzed
Bold font denotes concentrations detected above laboratory reporting limits
Denotes concentrations above one or more criteria
* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlaying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.
1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
6) Headspace present in the sample, results are approximate.

Table 6
Summary of Chlorinated Volatile Organic Compounds at Surface Water Sample Locations
Tecumseh Products Company
Tecumseh, Michigan

Analyte		1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene[1]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl Chloride
GSI Criteria		740	360[2]	130	620	1,500[2]	60[2]	89	200[2]	13[2]
Human Non-Cancer Value (Non-Drink)		400,000	420,000	33,000	36,000	19,000	1,800	1,300,000	550	4,400
Human Cancer Value (Non-Drink)		NC	360	NC	NC	NC	60	NC	370	13
Final Chronic Value		740	2,000	130	620	1,500	190	89	200	930
Aquatic Maximum Value		6,600	8,200	1,200	5,500	14,000	1,400	800	1,800	8,400
Final Acute Value		13,000	16,000	2,300	11,000	28,000	2,900	1,600	3,500	17,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
SEEP	4/3/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/10/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/4/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/12/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/12/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/22/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/11/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/19/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
WL-01	4/6/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/18/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/8/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/10/2010[3]	--	--	--	--	--	--	--	--	--
	2/25/2011[3]	--	--	--	--	--	--	--	--	--
	5/11/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/5/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/2/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/3/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/3/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/29/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/28/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/22/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/11/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/19/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:
Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Human Non-Cancer Values (HNV), Human Cancer Values (HCV), Final Chronic Values (FCV), Aquatic Maximum Values (AMV) and Final Acute Values (FAV) from MDEQ Surface Water Assessment Rule 57 Water Quality Values, September 7, 2012.
ug/L = micrograms per liter
NC = No criteria
-- = No data
Bold font denotes concentrations detected above laboratory reporting limits
Denotes concentrations above one or more criteria
1) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
2) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
3) Frozen, no sample collected.

Figures

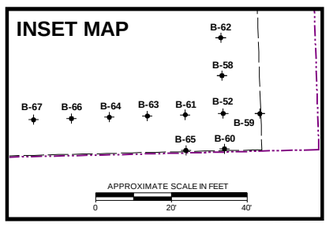


LEGEND

- FORMER TECUMSEH PRODUCTS SITE BOUNDARY
- PARCEL BOUNDARY
- RAILROAD TRACKS (APPROXIMATE LOCATION)
- 750 — APPROXIMATE GROUND TOPOGRAPHY BASED OFF 7.5 MINUTE U.S.G.S. TOPOGRAPHIC QUADRANGLE MAP
- B-2 — PERIMETER / OFF-SITE INVESTIGATION SOIL BORING LOCATION AND NUMBER
- MW-4S — MONITORING WELL LOCATION AND NUMBER
- MW-9S — DECOMMISSIONED MONITORING WELL LOCATION AND NUMBER
- SS-2 — SOURCE AREA INVESTIGATION BORING LOCATION AND NUMBER
- SG-02 — SOIL GAS SAMPLE LOCATION AND NUMBER
- SG-15 — DECOMMISSIONED SOIL GAS SAMPLE LOCATION AND NUMBER
- STW-2 — STORM WATER SEWER SAMPLE LOCATION AND NUMBER
- WL-01 — APPROXIMATE SURFACE WATER SAMPLE LOCATION
- GP-2 — ATC PHASE II ESA BORING LOCATION AND NUMBER
- FLOODPLAIN / WOODED WETLAND AREA
- PRB LOCATION
- FENCE LINE

NOTES

1. BASE MAP DEVELOPED FROM SITE PLAN PROVIDED BY THE CITY OF TECUMSEH, DRAWING NO. CITY.DWG, MARCH 2009.
2. GROUND TOPOGRAPHY BASED OFF 7.5 MINUTE U.S.G.S TOPOGRAPHIC QUADRANGLE MAP AND GROUND SURVEY DATA.



0 250' 500' 750' 1000'
APPROXIMATE SCALE IN FEET

NO.	BY	DATE	REVISION	APP'D
3				
2				
1				

PROJ: **FORMER TECUMSEH PRODUCTS SITE TECUMSEH, MICHIGAN**

TITLE: **SITE LAYOUT AND SAMPLE LOCATIONS**

DRAWN BY: DGS	SCALE: AS INDICATED	PROJ. NO. 004304.0001.01	
CHECKED BY: SEM		FILE NO. 004304.0001.01.01.dwg	
APPROVED BY: GC	DATE PRINTED:	FIGURE 1	
DATE: JULY 2015			

TRC
1540 Eisenhower Place
Ann Arbor, MI 48108
Phone: 734.971.7080
Fax: 734.971.9022

PLOT DATA
Drawing Name: J:_TRC\Tecumseh Products\Tecumseh MI\004304\0001\01_SITE 2\Ind\004304.0001.01.dwg
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Drawing File Name: 0.DWG
Attached Xref's: tem1021115 (Filed)
Attached Images: TOL2_High_1 ; VOCs;
Layout: FIG01 Site Layout & Samples
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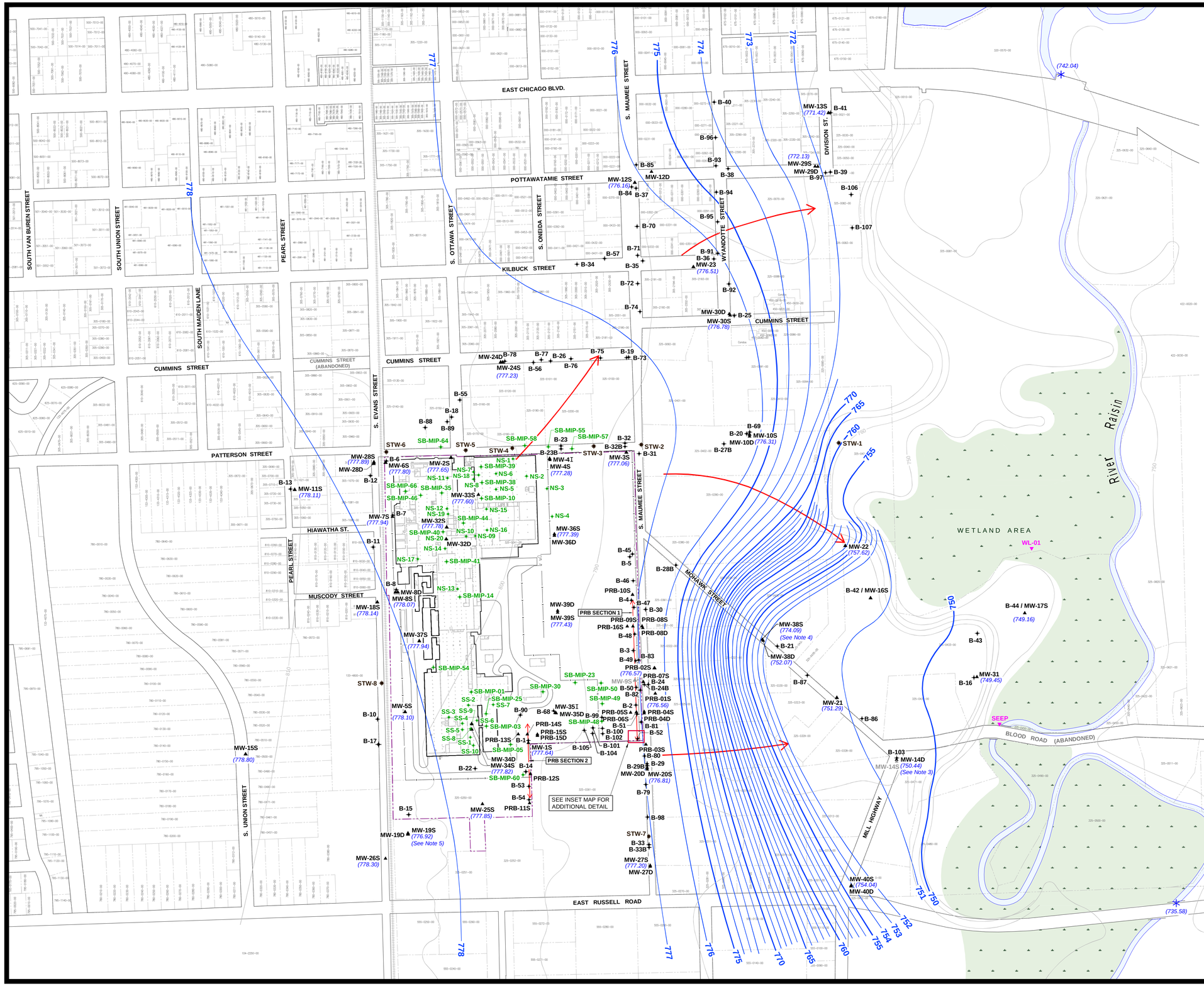
Plot Date: July 14, 2015
Plot Time: 4:30 PM

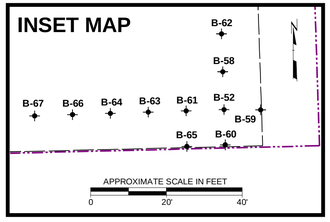


LEGEND

- FORMER TECUMSEH PRODUCTS SITE BOUNDARY
- PARCEL BOUNDARY
- RAILROAD TRACKS (APPROXIMATE LOCATION)
- 750 — APPROXIMATE GROUND TOPOGRAPHY BASED OFF 7.5 MINUTE U.S.G.S. TOPOGRAPHIC QUADRANGLE MAP
- B-2 — PERIMETER / OFF-SITE INVESTIGATION SOIL BORING LOCATION AND NUMBER
- MW-4S — MONITORING WELL LOCATION AND NUMBER
- MW-9S — DECOMMISSIONED MONITORING WELL LOCATION AND NUMBER
- SS-2 — SOURCE AREA INVESTIGATION BORING LOCATION AND NUMBER
- 742.20 — SURFACE WATER ELEVATION REFERENCE POINT
- STW-2 — STORM WATER SEWER SAMPLE LOCATION AND NUMBER
- WL-01 — APPROXIMATE SURFACE WATER SAMPLE LOCATION
- FLOODPLAIN / WOODED WETLAND AREA
- PRB LOCATION
- FENCE LINE
- 770 — 5 FOOT GROUNDWATER CONTOUR LINE
- 771 — 1 FOOT GROUNDWATER CONTOUR LINE
- GROUNDWATER FLOW DIRECTION
- (780.26) — GROUNDWATER / SURFACE WATER ELEVATION

NOTES

1. BASE MAP DEVELOPED FROM SITE PLAN PROVIDED BY THE CITY OF TECUMSEH, DRAWING NO. CITY.DWG, MARCH 2009.
2. GROUND TOPOGRAPHY BASED OFF 7.5 MINUTE U.S.G.S TOPOGRAPHIC QUADRANGLE MAP AND GROUND SURVEY DATA.
3. THE GROUNDWATER ELEVATION MEASURED AT MW-14D WAS USED TO DEVELOP GROUNDWATER CONTOURS, BECAUSE MW-14D IS SCREENED IN THE DEEPER WATER BEARING UNIT WHICH IS HYDRAULICALLY CONNECTED TO THE SITE. MW-14S WAS SCREENED IN A DIFFERENT, PERCHED, WATER BEARING UNIT THAN THE OTHER SHALLOW MONITORING WELLS ON-SITE AND HAS SINCE BEEN ABANDONED.
4. DUE TO THE PRESENCE OF AN INTERMEDIATE CLAY LAYER UNDERLAIN BY A HIGHLY PERMEABLE SAND AND GRAVEL UNIT, THE AQUIFER IS BIFURCATED AT MONITORING WELL MW-38S/D. BOTH THE SHALLOW AND THE DEEP WELLS ARE HYDRAULICALLY CONNECTED TO THE SITE. THE WATER LEVEL IN THE DEEPER WELL, WHICH IS SCREENED IN THE HIGHER PERMEABILITY UNIT, WAS USED TO ILLUSTRATE GROUNDWATER CONTOURS AND HORIZONTAL GRADIENT ACROSS THIS AREA.
5. MEASURED DEPTH TO GROUNDWATER IS ANOMALOUS. DATUM NOT USED.



0 250' 500' 750' 1000'
APPROXIMATE SCALE IN FEET

NO.	BY	DATE	REVISION	APP'D
3				
2				
1				

PROJ: **FORMER TECUMSEH PRODUCTS SITE TECUMSEH, MICHIGAN**

TITLE: **GROUNDWATER CONTOUR MAP MAY 2015**

DRAWN BY: DGS	SCALE: AS INDICATED	PROJ. NO. 004304.0001.01	
CHECKED BY: SEM		FILE NO. 004304.0001.01.02.dwg	
APPROVED BY: GC	DATE PRINTED:	**FIGURE 2**	
DATE: JULY 2015			

TRC
1540 Eisenhower Place
Ann Arbor, MI 48108
Phone: 734.971.7080
Fax: 734.971.9022

PLOT DATA
Drawing Name: J:_TRC\Tecumseh Products\Tecumseh MI\004304\0001\01_2015 2Q Rp\004304.0001.01.02.dwg
Operator Name: STEHLE, DIANAH
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Attached Xrefs: bm100110 (FileId)
Attached Images: mounted contours
Layout: FIG02 (30) Grad Map 2015 May
Dwg Size: 1.17 Mb
Plot Date: July 15, 2015
Plot Time: 2:20 PM

Attachment 1
Analytical Data

April 02, 2015

TRC Companies. - Ann Arbor Office
Attn: Ms. Stacy Metz
1540 Eisenhower Place
Ann Arbor, MI 48108

Project: Tecumseh Products Groundwater

Dear Ms. Stacy Metz,

Enclosed is a copy of the laboratory report for the following work order(s) received by TriMatrix Laboratories:

Work Order	Received	Description
1503005	02/27/2015	Laboratory Services
1503376	03/25/2015	Laboratory Services
1503403	03/27/2015	Laboratory Services

This report relates only to the sample(s) as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Program (NELAP) and/or one of the following certification programs:

ACLASS DoD-ELAP/ISO17025 (#ADE-1542); Arkansas DEP (#88-0730/13-049-0); Florida DEP (#E87622-24); Georgia EPD (#E87622-24); Illinois DEP (#200026/003329); Kansas DPH (#E-10302); Kentucky DEP (#0021); Louisiana DEP (#103068); Michigan DPH (#0034); Minnesota DPH (#491715); New York ELAP (#11776/48855); North Carolina DNRE (#659); Virginia DCLS (#460153/2592); Wisconsin DNR (#999472650); USDA Soil Import Permit (#P330-12-00236).

Any qualification or narration of results, including sample acceptance requirements and test exceptions to the above referenced programs, is presented in the Statement of Data Qualifications and Project Technical Narrative sections of this report. Estimates of analytical uncertainties and certification documents for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Jennifer L. Rice
Project Chemist

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Individual sample results relate only to the sample tested.
5560 Corporate Exchange Court SE ♦ Grand Rapids, MI 49512 ♦ 616.975.4500 ♦ Fax 616.942.7463 ♦ www.trimatrixlabs.com

PROJECT TECHNICAL NARRATIVE(s)

No Project Narrative is associated with this report.

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STATEMENT OF DATA QUALIFICATIONS

Volatile Organic Compounds by EPA Method 8260B

Qualification: The corresponding CCV for this analytical batch had a recovery exceeding the upper control limit of the method. A positive result for this analyte in any associated samples are considered estimated. Non-detectable results are not qualified.

Analysis: USEPA-8260B

Sample/Analyte:			
	1503005-07	NS-20s	Carbon Disulfide
	1503005-07	NS-20s	cis-1,3-Dichloropropene
	1503005-07	NS-20s	trans-1,3-Dichloropropene
	1503376-01	MW-40s	Dichlorodifluoromethane
	1503376-01	MW-40s	n-Butylbenzene
	1503376-02	MW-40d	Dichlorodifluoromethane
	1503376-02	MW-40d	n-Butylbenzene
	1503376-03	MW-22	Dichlorodifluoromethane
	1503376-03	MW-22	n-Butylbenzene
	1503376-04	MW-31	Dichlorodifluoromethane
	1503376-04	MW-31	n-Butylbenzene
	1503376-05	EB-01	Dichlorodifluoromethane
	1503376-05	EB-01	n-Butylbenzene
	1503376-06	MW-14d	Dichlorodifluoromethane
	1503376-06	MW-14d	n-Butylbenzene
	1503376-07	Dup-02	Dichlorodifluoromethane
	1503376-07	Dup-02	n-Butylbenzene
	1503376-08	TB-01	Dichlorodifluoromethane
	1503376-08	TB-01	n-Butylbenzene
	1503376-09	TB-02	Dichlorodifluoromethane
	1503376-09	TB-02	n-Butylbenzene
	1503376-10	MW-36d	Dichlorodifluoromethane
	1503376-10	MW-36d	n-Butylbenzene
	1503376-11	MW-39d	Dichlorodifluoromethane
	1503376-11	MW-39d	n-Butylbenzene
	1503376-12	MW-35d	Dichlorodifluoromethane
	1503376-12	MW-35d	n-Butylbenzene
	1503376-13	MW-35i	Dichlorodifluoromethane
	1503376-13	MW-35i	n-Butylbenzene
	1503376-14	MW-25s	Dichlorodifluoromethane
	1503376-14	MW-25s	n-Butylbenzene
	1503376-15	MW-8d	Dichlorodifluoromethane
	1503376-15	MW-8d	n-Butylbenzene
	1503376-16	MW-34d	Dichlorodifluoromethane
	1503376-16	MW-34d	n-Butylbenzene
	1503376-16	MW-34d	Tetrahydrofuran
	1503376-16	MW-34d	Trichlorofluoromethane
	1503376-17	SS-10d	Dichlorodifluoromethane
	1503376-17	SS-10d	n-Butylbenzene
	1503403-01	MW-38d	Dichlorodifluoromethane
	1503403-01	MW-38d	n-Butylbenzene
	1503403-01	MW-38d	Tetrahydrofuran
	1503403-01	MW-38d	Trichlorofluoromethane
	1503403-02	MW-38s	Dichlorodifluoromethane
	1503403-02	MW-38s	n-Butylbenzene
	1503403-02	MW-38s	Tetrahydrofuran
	1503403-02	MW-38s	Trichlorofluoromethane
	1503403-03	MW-20s	Dichlorodifluoromethane
	1503403-03	MW-20s	n-Butylbenzene

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STATEMENT OF DATA QUALIFICATIONS

Volatile Organic Compounds by EPA Method 8260B (Continued)

Qualification: The corresponding CCV for this analytical batch had a recovery exceeding the upper control limit of the method. A positive result for this analyte in any associated samples are considered estimated. Non-detectable results are not qualified.

Analysis: USEPA-8260B

Sample/Analyte:		
1503403-03	MW-20s	Tetrahydrofuran
1503403-03	MW-20s	Trichlorofluoromethane
1503403-04	MW-20d	Dichlorodifluoromethane
1503403-04	MW-20d	n-Butylbenzene
1503403-04	MW-20d	Tetrahydrofuran
1503403-04	MW-20d	Trichlorofluoromethane
1503403-05	MW-23	Dichlorodifluoromethane
1503403-05	MW-23	n-Butylbenzene
1503403-05	MW-23	Tetrahydrofuran
1503403-05	MW-23	Trichlorofluoromethane
1503403-06	MW-36s	Dichlorodifluoromethane
1503403-06	MW-36s	n-Butylbenzene
1503403-06	MW-36s	Tetrahydrofuran
1503403-06	MW-36s	Trichlorofluoromethane
1503403-07	MW-21	Dichlorodifluoromethane
1503403-07	MW-21	n-Butylbenzene
1503403-07	MW-21	Tetrahydrofuran
1503403-07	MW-21	Trichlorofluoromethane
1503403-08	TB-03	Dichlorodifluoromethane
1503403-08	TB-03	n-Butylbenzene
1503403-08	TB-03	Tetrahydrofuran
1503403-08	TB-03	Trichlorofluoromethane
1503403-09	MW-4i	Dichlorodifluoromethane
1503403-09	MW-4i	n-Butylbenzene
1503403-09	MW-4i	Tetrahydrofuran
1503403-09	MW-4i	Trichlorofluoromethane
1503403-10	EB-02	Dichlorodifluoromethane
1503403-10	EB-02	n-Butylbenzene
1503403-10	EB-02	Tetrahydrofuran
1503403-10	EB-02	Trichlorofluoromethane
1503403-11	MW-39s	Dichlorodifluoromethane
1503403-11	MW-39s	n-Butylbenzene
1503403-11	MW-39s	Tetrahydrofuran
1503403-11	MW-39s	Trichlorofluoromethane
1503403-12	MW-37s	Dichlorodifluoromethane
1503403-12	MW-37s	n-Butylbenzene
1503403-12	MW-37s	Tetrahydrofuran
1503403-12	MW-37s	Trichlorofluoromethane
1503403-13	SS-09s	Dichlorodifluoromethane
1503403-13	SS-09s	n-Butylbenzene
1503403-13	SS-09s	Tetrahydrofuran
1503403-13	SS-09s	Trichlorofluoromethane
1503403-14	SS-09i	Dichlorodifluoromethane
1503403-14	SS-09i	n-Butylbenzene
1503403-14	SS-09i	Tetrahydrofuran
1503403-14	SS-09i	Trichlorofluoromethane
1503403-15	SS-10s	Dichlorodifluoromethane
1503403-15	SS-10s	n-Butylbenzene
1503403-15	SS-10s	Tetrahydrofuran

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STATEMENT OF DATA QUALIFICATIONS

Volatile Organic Compounds by EPA Method 8260B (Continued)

Qualification: The corresponding CCV for this analytical batch had a recovery exceeding the upper control limit of the method. A positive result for this analyte in any associated samples are considered estimated. Non-detectable results are not qualified.

Analysis: USEPA-8260B

Sample/Analyte:		
1503403-15	SS-10s	Trichlorofluoromethane
1503403-16	SS-10i	Dichlorodifluoromethane
1503403-16	SS-10i	n-Butylbenzene
1503403-16	SS-10i	Tetrahydrofuran
1503403-16	SS-10i	Trichlorofluoromethane

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**NS-18d**	Sampled:	02/24/15 12:30
Lab Sample ID:	**1503005-01**	Sampled By:	J. Jasso
Matrix:	Water	Received:	02/27/15 16:00
Unit:	ug/L	Prepared:	03/05/15 14:00 By: DLV
Dilution Factor:	2	Analyzed:	03/05/15 19:36 By: DLV
QC Batch:	1502029	Analytical Batch:	5C09012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<40	40
107-13-1	Acrylonitrile	<4.0	4.0
71-43-2	Benzene	<2.0	2.0
108-86-1	Bromobenzene	<2.0	2.0
74-97-5	Bromochloromethane	<2.0	2.0
75-27-4	Bromodichloromethane	<2.0	2.0
75-25-2	Bromoform	<2.0	2.0
74-83-9	Bromomethane	<10	10
104-51-8	n-Butylbenzene	<2.0	2.0
135-98-8	sec-Butylbenzene	<2.0	2.0
98-06-6	tert-Butylbenzene	<2.0	2.0
75-15-0	Carbon Disulfide	<2.0	2.0
56-23-5	Carbon Tetrachloride	<2.0	2.0
108-90-7	Chlorobenzene	<2.0	2.0
75-00-3	Chloroethane	<10	10
67-66-3	Chloroform	<2.0	2.0
74-87-3	Chloromethane	<10	10
96-12-8	1,2-Dibromo-3-chloropropane	<10	10
124-48-1	Dibromochloromethane	<2.0	2.0
106-93-4	1,2-Dibromoethane	<2.0	2.0
74-95-3	Dibromomethane	<2.0	2.0
110-57-6	trans-1,4-Dichloro-2-butene	<2.0	2.0
95-50-1	1,2-Dichlorobenzene	<2.0	2.0
541-73-1	1,3-Dichlorobenzene	<2.0	2.0
106-46-7	1,4-Dichlorobenzene	<2.0	2.0
75-71-8	Dichlorodifluoromethane	<10	10
75-34-3	1,1-Dichloroethane	<2.0	2.0
107-06-2	1,2-Dichloroethane	<2.0	2.0
75-35-4	1,1-Dichloroethene	<2.0	2.0
156-59-2	cis-1,2-Dichloroethene	**170**	2.0
156-60-5	trans-1,2-Dichloroethene	**28**	2.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**NS-18d**	Sampled:	02/24/15 12:30
Lab Sample ID:	**1503005-01**	Sampled By:	J. Jasso
Matrix:	Water	Received:	02/27/15 16:00
Unit:	ug/L	Prepared:	03/05/15 14:00 By: DLV
Dilution Factor:	2	Analyzed:	03/05/15 19:36 By: DLV
QC Batch:	1502029	Analytical Batch:	5C09012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<2.0	2.0
10061-01-5	cis-1,3-Dichloropropene	<2.0	2.0
10061-02-6	trans-1,3-Dichloropropene	<2.0	2.0
100-41-4	Ethylbenzene	<2.0	2.0
60-29-7	Ethyl Ether	<10	10
591-78-6	2-Hexanone	<10	10
74-88-4	Iodomethane	<2.0	2.0
98-82-8	Isopropylbenzene	<2.0	2.0
99-87-6	4-Isopropyltoluene	<10	10
1634-04-4	Methyl tert-Butyl Ether	<10	10
75-09-2	Methylene Chloride	<10	10
78-93-3	2-Butanone (MEK)	<10	10
91-57-6	2-Methylnaphthalene	<10	10
108-10-1	4-Methyl-2-pentanone (MIBK)	<10	10
91-20-3	Naphthalene	<10	10
103-65-1	n-Propylbenzene	<2.0	2.0
100-42-5	Styrene	<2.0	2.0
630-20-6	1,1,1,2-Tetrachloroethane	<2.0	2.0
79-34-5	1,1,2,2-Tetrachloroethane	<2.0	2.0
127-18-4	Tetrachloroethene	<2.0	2.0
109-99-9	Tetrahydrofuran	<10	10
108-88-3	Toluene	<2.0	2.0
87-61-6	1,2,3-Trichlorobenzene	<10	10
120-82-1	1,2,4-Trichlorobenzene	<10	10
71-55-6	1,1,1-Trichloroethane	<2.0	2.0
79-00-5	1,1,2-Trichloroethane	<2.0	2.0
79-01-6	Trichloroethene	**19**	2.0
75-69-4	Trichlorofluoromethane	<2.0	2.0
96-18-4	1,2,3-Trichloropropane	<2.0	2.0
95-63-6	1,2,4-Trimethylbenzene	<2.0	2.0
108-67-8	1,3,5-Trimethylbenzene	<2.0	2.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-18d**	Sampled:	02/24/15 12:30		
Lab Sample ID:	**1503005-01**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	02/27/15 16:00		
Unit:	ug/L	Prepared:	03/05/15 14:00	By:	DLV
Dilution Factor:	2	Analyzed:	03/05/15 19:36	By:	DLV
QC Batch:	1502029	Analytical Batch:	5C09012		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**9.1**	2.0
179601-23-1	Xylene, Meta + Para	<4.0	4.0
95-47-6	Xylene, Ortho	<2.0	2.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*100*	*85-118*
1,2-Dichloroethane-d4	*101*	*87-122*
Toluene-d8	*98*	*85-113*
4-Bromofluorobenzene	*93*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**NS-18i**	Sampled:	02/24/15 14:08
Lab Sample ID:	**1503005-02**	Sampled By:	J. Jasso
Matrix:	Water	Received:	02/27/15 16:00
Unit:	ug/L	Prepared:	03/05/15 14:00 By: DLV
Dilution Factor:	20	Analyzed:	03/05/15 20:02 By: DLV
QC Batch:	1502029	Analytical Batch:	5C09012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<400	400
107-13-1	Acrylonitrile	<40	40
71-43-2	Benzene	<20	20
108-86-1	Bromobenzene	<20	20
74-97-5	Bromochloromethane	<20	20
75-27-4	Bromodichloromethane	<20	20
75-25-2	Bromoform	<20	20
74-83-9	Bromomethane	<100	100
104-51-8	n-Butylbenzene	<20	20
135-98-8	sec-Butylbenzene	<20	20
98-06-6	tert-Butylbenzene	<20	20
75-15-0	Carbon Disulfide	<20	20
56-23-5	Carbon Tetrachloride	<20	20
108-90-7	Chlorobenzene	<20	20
75-00-3	Chloroethane	<100	100
67-66-3	Chloroform	<20	20
74-87-3	Chloromethane	<100	100
96-12-8	1,2-Dibromo-3-chloropropane	<100	100
124-48-1	Dibromochloromethane	<20	20
106-93-4	1,2-Dibromoethane	<20	20
74-95-3	Dibromomethane	<20	20
110-57-6	trans-1,4-Dichloro-2-butene	<20	20
95-50-1	1,2-Dichlorobenzene	<20	20
541-73-1	1,3-Dichlorobenzene	<20	20
106-46-7	1,4-Dichlorobenzene	<20	20
75-71-8	Dichlorodifluoromethane	<100	100
75-34-3	1,1-Dichloroethane	<20	20
107-06-2	1,2-Dichloroethane	<20	20
75-35-4	1,1-Dichloroethene	<20	20
156-59-2	cis-1,2-Dichloroethene	**660**	20
156-60-5	trans-1,2-Dichloroethene	**150**	20

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-18i**	Sampled:	02/24/15 14:08		
Lab Sample ID:	**1503005-02**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	02/27/15 16:00		
Unit:	ug/L	Prepared:	03/05/15 14:00	By:	DLV
Dilution Factor:	20	Analyzed:	03/05/15 20:02	By:	DLV
QC Batch:	1502029	Analytical Batch:	5C09012		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<20	20
10061-01-5	cis-1,3-Dichloropropene	<20	20
10061-02-6	trans-1,3-Dichloropropene	<20	20
100-41-4	Ethylbenzene	<20	20
60-29-7	Ethyl Ether	<100	100
591-78-6	2-Hexanone	<100	100
74-88-4	Iodomethane	<20	20
98-82-8	Isopropylbenzene	<20	20
99-87-6	4-Isopropyltoluene	<100	100
1634-04-4	Methyl tert-Butyl Ether	<100	100
75-09-2	Methylene Chloride	<100	100
78-93-3	2-Butanone (MEK)	<100	100
91-57-6	2-Methylnaphthalene	<100	100
108-10-1	4-Methyl-2-pentanone (MIBK)	<100	100
91-20-3	Naphthalene	<100	100
103-65-1	n-Propylbenzene	<20	20
100-42-5	Styrene	<20	20
630-20-6	1,1,1,2-Tetrachloroethane	<20	20
79-34-5	1,1,2,2-Tetrachloroethane	<20	20
127-18-4	Tetrachloroethene	<20	20
109-99-9	Tetrahydrofuran	<100	100
108-88-3	Toluene	<20	20
87-61-6	1,2,3-Trichlorobenzene	<100	100
120-82-1	1,2,4-Trichlorobenzene	<100	100
71-55-6	1,1,1-Trichloroethane	<20	20
79-00-5	1,1,2-Trichloroethane	<20	20
79-01-6	Trichloroethene	**2100**	20
75-69-4	Trichlorofluoromethane	<20	20
96-18-4	1,2,3-Trichloropropane	<20	20
95-63-6	1,2,4-Trimethylbenzene	<20	20
108-67-8	1,3,5-Trimethylbenzene	<20	20

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-18i**	Sampled:	02/24/15 14:08		
Lab Sample ID:	**1503005-02**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	02/27/15 16:00		
Unit:	ug/L	Prepared:	03/05/15 14:00	By:	DLV
Dilution Factor:	20	Analyzed:	03/05/15 20:02	By:	DLV
QC Batch:	1502029	Analytical Batch:	5C09012		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**24**	20
179601-23-1	Xylene, Meta + Para	<40	40
95-47-6	Xylene, Ortho	<20	20

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*101*	*85-118*
1,2-Dichloroethane-d4	*104*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*94*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**NS-18s**	Sampled:	02/24/15 15:36
Lab Sample ID:	**1503005-03**	Sampled By:	J. Jasso
Matrix:	Water	Received:	02/27/15 16:00
Unit:	ug/L	Prepared:	03/05/15 14:00 By: DLV
Dilution Factor:	10	Analyzed:	03/05/15 20:28 By: DLV
QC Batch:	1502029	Analytical Batch:	5C09012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<200	200
107-13-1	Acrylonitrile	<20	20
71-43-2	Benzene	<10	10
108-86-1	Bromobenzene	<10	10
74-97-5	Bromochloromethane	<10	10
75-27-4	Bromodichloromethane	<10	10
75-25-2	Bromoform	<10	10
74-83-9	Bromomethane	<50	50
104-51-8	n-Butylbenzene	<10	10
135-98-8	sec-Butylbenzene	<10	10
98-06-6	tert-Butylbenzene	<10	10
75-15-0	Carbon Disulfide	<10	10
56-23-5	Carbon Tetrachloride	<10	10
108-90-7	Chlorobenzene	<10	10
75-00-3	Chloroethane	<50	50
67-66-3	Chloroform	<10	10
74-87-3	Chloromethane	<50	50
96-12-8	1,2-Dibromo-3-chloropropane	<50	50
124-48-1	Dibromochloromethane	<10	10
106-93-4	1,2-Dibromoethane	<10	10
74-95-3	Dibromomethane	<10	10
110-57-6	trans-1,4-Dichloro-2-butene	<10	10
95-50-1	1,2-Dichlorobenzene	<10	10
541-73-1	1,3-Dichlorobenzene	<10	10
106-46-7	1,4-Dichlorobenzene	<10	10
75-71-8	Dichlorodifluoromethane	<50	50
75-34-3	1,1-Dichloroethane	**27**	10
107-06-2	1,2-Dichloroethane	<10	10
75-35-4	1,1-Dichloroethene	<10	10
156-59-2	cis-1,2-Dichloroethene	**130**	10
156-60-5	trans-1,2-Dichloroethene	**13**	10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**NS-18s**	Sampled:	02/24/15 15:36
Lab Sample ID:	**1503005-03**	Sampled By:	J. Jasso
Matrix:	Water	Received:	02/27/15 16:00
Unit:	ug/L	Prepared:	03/05/15 14:00 By: DLV
Dilution Factor:	10	Analyzed:	03/05/15 20:28 By: DLV
QC Batch:	1502029	Analytical Batch:	5C09012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<10	10
10061-01-5	cis-1,3-Dichloropropene	<10	10
10061-02-6	trans-1,3-Dichloropropene	<10	10
100-41-4	Ethylbenzene	<10	10
60-29-7	Ethyl Ether	<50	50
591-78-6	2-Hexanone	<50	50
74-88-4	Iodomethane	<10	10
98-82-8	Isopropylbenzene	<10	10
99-87-6	4-Isopropyltoluene	<50	50
1634-04-4	Methyl tert-Butyl Ether	<50	50
75-09-2	Methylene Chloride	<50	50
78-93-3	2-Butanone (MEK)	<50	50
91-57-6	2-Methylnaphthalene	<50	50
108-10-1	4-Methyl-2-pentanone (MIBK)	<50	50
91-20-3	Naphthalene	<50	50
103-65-1	n-Propylbenzene	<10	10
100-42-5	Styrene	<10	10
630-20-6	1,1,1,2-Tetrachloroethane	<10	10
79-34-5	1,1,2,2-Tetrachloroethane	<10	10
127-18-4	Tetrachloroethene	<10	10
109-99-9	Tetrahydrofuran	<50	50
108-88-3	Toluene	<10	10
87-61-6	1,2,3-Trichlorobenzene	<50	50
120-82-1	1,2,4-Trichlorobenzene	<50	50
71-55-6	1,1,1-Trichloroethane	**18**	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	**1100**	10
75-69-4	Trichlorofluoromethane	<10	10
96-18-4	1,2,3-Trichloropropane	<10	10
95-63-6	1,2,4-Trimethylbenzene	<10	10
108-67-8	1,3,5-Trimethylbenzene	<10	10

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-18s**	Sampled:	02/24/15 15:36		
Lab Sample ID:	**1503005-03**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	02/27/15 16:00		
Unit:	ug/L	Prepared:	03/05/15 14:00	By:	DLV
Dilution Factor:	10	Analyzed:	03/05/15 20:28	By:	DLV
QC Batch:	1502029	Analytical Batch:	5C09012		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**25**	10
179601-23-1	Xylene, Meta + Para	<20	20
95-47-6	Xylene, Ortho	<10	10

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*104*	*85-118*
1,2-Dichloroethane-d4	*105*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*94*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-32d**	Sampled:	02/25/15 09:05
Lab Sample ID:	**1503005-04**	Sampled By:	J. Jasso
Matrix:	Water	Received:	02/27/15 16:00
Unit:	ug/L	Prepared:	03/05/15 14:00 By: DLV
Dilution Factor:	1	Analyzed:	03/05/15 16:32 By: DLV
QC Batch:	1502029	Analytical Batch:	5C09012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	**2.1**	1.0
156-60-5	trans-1,2-Dichloroethene	**3.4**	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-32d**	Sampled:	02/25/15 09:05
Lab Sample ID:	**1503005-04**	Sampled By:	J. Jasso
Matrix:	Water	Received:	02/27/15 16:00
Unit:	ug/L	Prepared:	03/05/15 14:00 By: DLV
Dilution Factor:	1	Analyzed:	03/05/15 16:32 By: DLV
QC Batch:	1502029	Analytical Batch:	5C09012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	**48**	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-32d**	Sampled:	02/25/15 09:05
Lab Sample ID:	**1503005-04**	Sampled By:	J. Jasso
Matrix:	Water	Received:	02/27/15 16:00
Unit:	ug/L	Prepared:	03/05/15 14:00 By: DLV
Dilution Factor:	1	Analyzed:	03/05/15 16:32 By: DLV
QC Batch:	1502029	Analytical Batch:	5C09012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*101*	*87-122*
Toluene-d8	*97*	*85-113*
4-Bromofluorobenzene	*94*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**DUP-01**	Sampled:	02/25/15 00:00
Lab Sample ID:	**1503005-05**	Sampled By:	J. Jasso
Matrix:	Water	Received:	02/27/15 16:00
Unit:	ug/L	Prepared:	03/05/15 14:00 By: DLV
Dilution Factor:	1	Analyzed:	03/05/15 16:58 By: DLV
QC Batch:	1502029	Analytical Batch:	5C09012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	**2.2**	1.0
156-60-5	trans-1,2-Dichloroethene	**3.5**	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**DUP-01**	Sampled:	02/25/15 00:00		
Lab Sample ID:	**1503005-05**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	02/27/15 16:00		
Unit:	ug/L	Prepared:	03/05/15 14:00	By:	DLV
Dilution Factor:	1	Analyzed:	03/05/15 16:58	By:	DLV
QC Batch:	1502029	Analytical Batch:	5C09012		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	**49**	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**DUP-01**	Sampled:	02/25/15 00:00
Lab Sample ID:	**1503005-05**	Sampled By:	J. Jasso
Matrix:	Water	Received:	02/27/15 16:00
Unit:	ug/L	Prepared:	03/05/15 14:00 By: DLV
Dilution Factor:	1	Analyzed:	03/05/15 16:58 By: DLV
QC Batch:	1502029	Analytical Batch:	5C09012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*100*	*85-118*
1,2-Dichloroethane-d4	*99*	*87-122*
Toluene-d8	*98*	*85-113*
4-Bromofluorobenzene	*94*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**NS-20i**	Sampled:	02/25/15 10:25
Lab Sample ID:	**1503005-06**	Sampled By:	J. Jasso
Matrix:	Water	Received:	02/27/15 16:00
Unit:	ug/L	Prepared:	03/05/15 14:00 By: DLV
Dilution Factor:	1	Analyzed:	03/05/15 17:25 By: DLV
QC Batch:	1502029	Analytical Batch:	5C09012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	**11**	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	**1.5**	1.0
156-59-2	cis-1,2-Dichloroethene	**10**	1.0
156-60-5	trans-1,2-Dichloroethene	**1.4**	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**NS-20i**	Sampled:	02/25/15 10:25
Lab Sample ID:	**1503005-06**	Sampled By:	J. Jasso
Matrix:	Water	Received:	02/27/15 16:00
Unit:	ug/L	Prepared:	03/05/15 14:00 By: DLV
Dilution Factor:	1	Analyzed:	03/05/15 17:25 By: DLV
QC Batch:	1502029	Analytical Batch:	5C09012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	**14**	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**NS-20i**	Sampled:	02/25/15 10:25
Lab Sample ID:	**1503005-06**	Sampled By:	J. Jasso
Matrix:	Water	Received:	02/27/15 16:00
Unit:	ug/L	Prepared:	03/05/15 14:00 By: DLV
Dilution Factor:	1	Analyzed:	03/05/15 17:25 By: DLV
QC Batch:	1502029	Analytical Batch:	5C09012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**34**	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*103*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*98*	*85-113*
4-Bromofluorobenzene	*94*	*82-110*

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-20s**	Sampled:	02/25/15 11:45		
Lab Sample ID:	**1503005-07**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	02/27/15 16:00		
Unit:	ug/L	Prepared:	03/09/15 08:00	By:	DLV
Dilution Factor:	10	Analyzed:	03/09/15 10:53	By:	DLV
QC Batch:	1502037	Analytical Batch:	5C09020		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<200	200
107-13-1	Acrylonitrile	<20	20
71-43-2	Benzene	<10	10
108-86-1	Bromobenzene	<10	10
74-97-5	Bromochloromethane	<10	10
75-27-4	Bromodichloromethane	<10	10
75-25-2	Bromoform	<10	10
74-83-9	Bromomethane	<50	50
104-51-8	n-Butylbenzene	<10	10
135-98-8	sec-Butylbenzene	<10	10
98-06-6	tert-Butylbenzene	<10	10
*75-15-0	Carbon Disulfide	<10	10
56-23-5	Carbon Tetrachloride	<10	10
108-90-7	Chlorobenzene	<10	10
75-00-3	Chloroethane	<50	50
67-66-3	Chloroform	<10	10
74-87-3	Chloromethane	<50	50
96-12-8	1,2-Dibromo-3-chloropropane	<50	50
124-48-1	Dibromochloromethane	<10	10
106-93-4	1,2-Dibromoethane	<10	10
74-95-3	Dibromomethane	<10	10
110-57-6	trans-1,4-Dichloro-2-butene	<10	10
95-50-1	1,2-Dichlorobenzene	<10	10
541-73-1	1,3-Dichlorobenzene	<10	10
106-46-7	1,4-Dichlorobenzene	<10	10
75-71-8	Dichlorodifluoromethane	<50	50
75-34-3	1,1-Dichloroethane	**24**	10
107-06-2	1,2-Dichloroethane	<10	10
75-35-4	1,1-Dichloroethene	<10	10
156-59-2	cis-1,2-Dichloroethene	**780**	10
156-60-5	trans-1,2-Dichloroethene	<10	10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-20s**	Sampled:	02/25/15 11:45		
Lab Sample ID:	**1503005-07**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	02/27/15 16:00		
Unit:	ug/L	Prepared:	03/09/15 08:00	By:	DLV
Dilution Factor:	10	Analyzed:	03/09/15 10:53	By:	DLV
QC Batch:	1502037	Analytical Batch:	5C09020		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<10	10
*10061-01-5	cis-1,3-Dichloropropene	<10	10
*10061-02-6	trans-1,3-Dichloropropene	<10	10
100-41-4	Ethylbenzene	<10	10
60-29-7	Ethyl Ether	<50	50
591-78-6	2-Hexanone	<50	50
74-88-4	Iodomethane	<10	10
98-82-8	Isopropylbenzene	<10	10
99-87-6	4-Isopropyltoluene	<50	50
1634-04-4	Methyl tert-Butyl Ether	<50	50
75-09-2	Methylene Chloride	<50	50
78-93-3	2-Butanone (MEK)	<50	50
91-57-6	2-Methylnaphthalene	<50	50
108-10-1	4-Methyl-2-pentanone (MIBK)	<50	50
91-20-3	Naphthalene	<50	50
103-65-1	n-Propylbenzene	<10	10
100-42-5	Styrene	<10	10
630-20-6	1,1,1,2-Tetrachloroethane	<10	10
79-34-5	1,1,2,2-Tetrachloroethane	<10	10
127-18-4	Tetrachloroethene	<10	10
109-99-9	Tetrahydrofuran	<50	50
108-88-3	Toluene	<10	10
87-61-6	1,2,3-Trichlorobenzene	<50	50
120-82-1	1,2,4-Trichlorobenzene	<50	50
71-55-6	1,1,1-Trichloroethane	**380**	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	**1300**	10
75-69-4	Trichlorofluoromethane	<10	10
96-18-4	1,2,3-Trichloropropane	<10	10
95-63-6	1,2,4-Trimethylbenzene	<10	10
108-67-8	1,3,5-Trimethylbenzene	<10	10

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*See Statement of Data Qualifications

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**NS-20s**	Sampled:	02/25/15 11:45
Lab Sample ID:	**1503005-07**	Sampled By:	J. Jasso
Matrix:	Water	Received:	02/27/15 16:00
Unit:	ug/L	Prepared:	03/09/15 08:00 By: DLV
Dilution Factor:	10	Analyzed:	03/09/15 10:53 By: DLV
QC Batch:	1502037	Analytical Batch:	5C09020

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**160**	10
179601-23-1	Xylene, Meta + Para	<20	20
95-47-6	Xylene, Ortho	<10	10

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*103*	*85-118*
1,2-Dichloroethane-d4	*101*	*87-122*
Toluene-d8	*104*	*85-113*
4-Bromofluorobenzene	*96*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**NS-19d**	Sampled:	02/25/15 13:33
Lab Sample ID:	**1503005-08**	Sampled By:	J. Jasso
Matrix:	Water	Received:	02/27/15 16:00
Unit:	ug/L	Prepared:	03/05/15 14:00 By: DLV
Dilution Factor:	1	Analyzed:	03/05/15 18:17 By: DLV
QC Batch:	1502029	Analytical Batch:	5C09012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	**1.2**	1.0
156-60-5	trans-1,2-Dichloroethene	**2.3**	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-19d**	Sampled:	02/25/15 13:33		
Lab Sample ID:	**1503005-08**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	02/27/15 16:00		
Unit:	ug/L	Prepared:	03/05/15 14:00	By:	DLV
Dilution Factor:	1	Analyzed:	03/05/15 18:17	By:	DLV
QC Batch:	1502029	Analytical Batch:	5C09012		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	**24**	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**NS-19d**	Sampled:	02/25/15 13:33
Lab Sample ID:	**1503005-08**	Sampled By:	J. Jasso
Matrix:	Water	Received:	02/27/15 16:00
Unit:	ug/L	Prepared:	03/05/15 14:00 By: DLV
Dilution Factor:	1	Analyzed:	03/05/15 18:17 By: DLV
QC Batch:	1502029	Analytical Batch:	5C09012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*102*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*98*	*85-113*
4-Bromofluorobenzene	*93*	*82-110*

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**NS-19i**	Sampled:	02/25/15 14:56
Lab Sample ID:	**1503005-09**	Sampled By:	J. Jasso
Matrix:	Water	Received:	02/27/15 16:00
Unit:	ug/L	Prepared:	03/05/15 14:00 By: DLV
Dilution Factor:	5	Analyzed:	03/05/15 18:43 By: DLV
QC Batch:	1502029	Analytical Batch:	5C09012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<100	100
107-13-1	Acrylonitrile	<10	10
71-43-2	Benzene	<5.0	5.0
108-86-1	Bromobenzene	<5.0	5.0
74-97-5	Bromochloromethane	<5.0	5.0
75-27-4	Bromodichloromethane	<5.0	5.0
75-25-2	Bromoform	<5.0	5.0
74-83-9	Bromomethane	<25	25
104-51-8	n-Butylbenzene	<5.0	5.0
135-98-8	sec-Butylbenzene	<5.0	5.0
98-06-6	tert-Butylbenzene	<5.0	5.0
75-15-0	Carbon Disulfide	<5.0	5.0
56-23-5	Carbon Tetrachloride	<5.0	5.0
108-90-7	Chlorobenzene	<5.0	5.0
75-00-3	Chloroethane	<25	25
67-66-3	Chloroform	<5.0	5.0
74-87-3	Chloromethane	<25	25
96-12-8	1,2-Dibromo-3-chloropropane	<25	25
124-48-1	Dibromochloromethane	<5.0	5.0
106-93-4	1,2-Dibromoethane	<5.0	5.0
74-95-3	Dibromomethane	<5.0	5.0
110-57-6	trans-1,4-Dichloro-2-butene	<5.0	5.0
95-50-1	1,2-Dichlorobenzene	<5.0	5.0
541-73-1	1,3-Dichlorobenzene	<5.0	5.0
106-46-7	1,4-Dichlorobenzene	<5.0	5.0
75-71-8	Dichlorodifluoromethane	<25	25
75-34-3	1,1-Dichloroethane	<5.0	5.0
107-06-2	1,2-Dichloroethane	<5.0	5.0
75-35-4	1,1-Dichloroethene	<5.0	5.0
156-59-2	cis-1,2-Dichloroethene	**71**	5.0
156-60-5	trans-1,2-Dichloroethene	**22**	5.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-19i**	Sampled:	02/25/15 14:56		
Lab Sample ID:	**1503005-09**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	02/27/15 16:00		
Unit:	ug/L	Prepared:	03/05/15 14:00	By:	DLV
Dilution Factor:	5	Analyzed:	03/05/15 18:43	By:	DLV
QC Batch:	1502029	Analytical Batch:	5C09012		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<5.0	5.0
10061-01-5	cis-1,3-Dichloropropene	<5.0	5.0
10061-02-6	trans-1,3-Dichloropropene	<5.0	5.0
100-41-4	Ethylbenzene	<5.0	5.0
60-29-7	Ethyl Ether	<25	25
591-78-6	2-Hexanone	<25	25
74-88-4	Iodomethane	<5.0	5.0
98-82-8	Isopropylbenzene	<5.0	5.0
99-87-6	4-Isopropyltoluene	<25	25
1634-04-4	Methyl tert-Butyl Ether	<25	25
75-09-2	Methylene Chloride	<25	25
78-93-3	2-Butanone (MEK)	<25	25
91-57-6	2-Methylnaphthalene	<25	25
108-10-1	4-Methyl-2-pentanone (MIBK)	<25	25
91-20-3	Naphthalene	<25	25
103-65-1	n-Propylbenzene	<5.0	5.0
100-42-5	Styrene	<5.0	5.0
630-20-6	1,1,1,2-Tetrachloroethane	<5.0	5.0
79-34-5	1,1,2,2-Tetrachloroethane	<5.0	5.0
127-18-4	Tetrachloroethene	<5.0	5.0
109-99-9	Tetrahydrofuran	<25	25
108-88-3	Toluene	<5.0	5.0
87-61-6	1,2,3-Trichlorobenzene	<25	25
120-82-1	1,2,4-Trichlorobenzene	<25	25
71-55-6	1,1,1-Trichloroethane	<5.0	5.0
79-00-5	1,1,2-Trichloroethane	<5.0	5.0
79-01-6	Trichloroethene	**520**	5.0
75-69-4	Trichlorofluoromethane	<5.0	5.0
96-18-4	1,2,3-Trichloropropane	<5.0	5.0
95-63-6	1,2,4-Trimethylbenzene	<5.0	5.0
108-67-8	1,3,5-Trimethylbenzene	<5.0	5.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**NS-19i**	Sampled:	02/25/15 14:56
Lab Sample ID:	**1503005-09**	Sampled By:	J. Jasso
Matrix:	Water	Received:	02/27/15 16:00
Unit:	ug/L	Prepared:	03/05/15 14:00 By: DLV
Dilution Factor:	5	Analyzed:	03/05/15 18:43 By: DLV
QC Batch:	1502029	Analytical Batch:	5C09012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<5.0	5.0
179601-23-1	Xylene, Meta + Para	<10	10
95-47-6	Xylene, Ortho	<5.0	5.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*103*	*85-118*
1,2-Dichloroethane-d4	*104*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*92*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**NS-19s**	Sampled:	02/25/15 15:25
Lab Sample ID:	**1503005-10**	Sampled By:	J. Jasso
Matrix:	Water	Received:	02/27/15 16:00
Unit:	ug/L	Prepared:	03/05/15 14:00 By: DLV
Dilution Factor:	2	Analyzed:	03/05/15 23:59 By: DLV
QC Batch:	1502029	Analytical Batch:	5C09012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<40	40
107-13-1	Acrylonitrile	<4.0	4.0
71-43-2	Benzene	<2.0	2.0
108-86-1	Bromobenzene	<2.0	2.0
74-97-5	Bromochloromethane	<2.0	2.0
75-27-4	Bromodichloromethane	<2.0	2.0
75-25-2	Bromoform	<2.0	2.0
74-83-9	Bromomethane	<10	10
104-51-8	n-Butylbenzene	<2.0	2.0
135-98-8	sec-Butylbenzene	<2.0	2.0
98-06-6	tert-Butylbenzene	<2.0	2.0
75-15-0	Carbon Disulfide	<2.0	2.0
56-23-5	Carbon Tetrachloride	<2.0	2.0
108-90-7	Chlorobenzene	<2.0	2.0
75-00-3	Chloroethane	<10	10
67-66-3	Chloroform	<2.0	2.0
74-87-3	Chloromethane	<10	10
96-12-8	1,2-Dibromo-3-chloropropane	<10	10
124-48-1	Dibromochloromethane	<2.0	2.0
106-93-4	1,2-Dibromoethane	<2.0	2.0
74-95-3	Dibromomethane	<2.0	2.0
110-57-6	trans-1,4-Dichloro-2-butene	<2.0	2.0
95-50-1	1,2-Dichlorobenzene	<2.0	2.0
541-73-1	1,3-Dichlorobenzene	<2.0	2.0
106-46-7	1,4-Dichlorobenzene	<2.0	2.0
75-71-8	Dichlorodifluoromethane	<10	10
75-34-3	1,1-Dichloroethane	**11**	2.0
107-06-2	1,2-Dichloroethane	<2.0	2.0
75-35-4	1,1-Dichloroethene	**7.6**	2.0
156-59-2	cis-1,2-Dichloroethene	**260**	2.0
156-60-5	trans-1,2-Dichloroethene	**4.1**	2.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-19s**	Sampled:	02/25/15 15:25		
Lab Sample ID:	**1503005-10**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	02/27/15 16:00		
Unit:	ug/L	Prepared:	03/05/15 14:00	By:	DLV
Dilution Factor:	2	Analyzed:	03/05/15 23:59	By:	DLV
QC Batch:	1502029	Analytical Batch:	5C09012		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<2.0	2.0
10061-01-5	cis-1,3-Dichloropropene	<2.0	2.0
10061-02-6	trans-1,3-Dichloropropene	<2.0	2.0
100-41-4	Ethylbenzene	<2.0	2.0
60-29-7	Ethyl Ether	<10	10
591-78-6	2-Hexanone	<10	10
74-88-4	Iodomethane	<2.0	2.0
98-82-8	Isopropylbenzene	<2.0	2.0
99-87-6	4-Isopropyltoluene	<10	10
1634-04-4	Methyl tert-Butyl Ether	<10	10
75-09-2	Methylene Chloride	<10	10
78-93-3	2-Butanone (MEK)	<10	10
91-57-6	2-Methylnaphthalene	<10	10
108-10-1	4-Methyl-2-pentanone (MIBK)	<10	10
91-20-3	Naphthalene	<10	10
103-65-1	n-Propylbenzene	<2.0	2.0
100-42-5	Styrene	<2.0	2.0
630-20-6	1,1,1,2-Tetrachloroethane	<2.0	2.0
79-34-5	1,1,2,2-Tetrachloroethane	<2.0	2.0
127-18-4	Tetrachloroethene	<2.0	2.0
109-99-9	Tetrahydrofuran	<10	10
108-88-3	Toluene	<2.0	2.0
87-61-6	1,2,3-Trichlorobenzene	<10	10
120-82-1	1,2,4-Trichlorobenzene	<10	10
71-55-6	1,1,1-Trichloroethane	**7.0**	2.0
79-00-5	1,1,2-Trichloroethane	<2.0	2.0
79-01-6	Trichloroethene	**260**	2.0
75-69-4	Trichlorofluoromethane	<2.0	2.0
96-18-4	1,2,3-Trichloropropane	<2.0	2.0
95-63-6	1,2,4-Trimethylbenzene	<2.0	2.0
108-67-8	1,3,5-Trimethylbenzene	<2.0	2.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503005**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-19s**	Sampled:	02/25/15 15:25		
Lab Sample ID:	**1503005-10**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	02/27/15 16:00		
Unit:	ug/L	Prepared:	03/05/15 14:00	By:	DLV
Dilution Factor:	2	Analyzed:	03/05/15 23:59	By:	DLV
QC Batch:	1502029	Analytical Batch:	5C09012		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**150**	2.0
179601-23-1	Xylene, Meta + Para	<4.0	4.0
95-47-6	Xylene, Ortho	<2.0	2.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*102*	*85-118*
1,2-Dichloroethane-d4	*105*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*97*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-40s**	Sampled:	03/23/15 09:30		
Lab Sample ID:	**1503376-01**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 02:03	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
*104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
*75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-40s**	Sampled:	03/23/15 09:30
Lab Sample ID:	**1503376-01**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/25/15 17:30
Unit:	ug/L	Prepared:	03/30/15 22:00 By: BAG
Dilution Factor:	1	Analyzed:	03/31/15 02:03 By: BAG
QC Batch:	1502883	Analytical Batch:	5C31031

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-40s**	Sampled:	03/23/15 09:30		
Lab Sample ID:	**1503376-01**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 02:03	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*100*	*85-118*
1,2-Dichloroethane-d4	*107*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-40d**	Sampled:	03/23/15 10:32		
Lab Sample ID:	**1503376-02**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 02:32	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
*104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
*75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-40d**	Sampled:	03/23/15 10:32		
Lab Sample ID:	**1503376-02**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 02:32	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-40d**	Sampled:	03/23/15 10:32
Lab Sample ID:	**1503376-02**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/25/15 17:30
Unit:	ug/L	Prepared:	03/30/15 22:00 By: BAG
Dilution Factor:	1	Analyzed:	03/31/15 02:32 By: BAG
QC Batch:	1502883	Analytical Batch:	5C31031

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*85-118*
1,2-Dichloroethane-d4	*105*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*101*	*82-110*

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-22**	Sampled:	03/23/15 12:12		
Lab Sample ID:	**1503376-03**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 03:00	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
*104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
*75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-22**	Sampled:	03/23/15 12:12		
Lab Sample ID:	**1503376-03**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 03:00	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-22**	Sampled:	03/23/15 12:12
Lab Sample ID:	**1503376-03**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/25/15 17:30
Unit:	ug/L	Prepared:	03/30/15 22:00 By: BAG
Dilution Factor:	1	Analyzed:	03/31/15 03:00 By: BAG
QC Batch:	1502883	Analytical Batch:	5C31031

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**25**	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*102*	*85-118*
1,2-Dichloroethane-d4	*107*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-31**	Sampled:	03/23/15 13:35		
Lab Sample ID:	**1503376-04**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	2.5	Analyzed:	03/31/15 03:29	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<50	50
107-13-1	Acrylonitrile	<5.0	5.0
71-43-2	Benzene	<2.5	2.5
108-86-1	Bromobenzene	<2.5	2.5
74-97-5	Bromochloromethane	<2.5	2.5
75-27-4	Bromodichloromethane	<2.5	2.5
75-25-2	Bromoform	<2.5	2.5
74-83-9	Bromomethane	<12	12
*104-51-8	n-Butylbenzene	<2.5	2.5
135-98-8	sec-Butylbenzene	<2.5	2.5
98-06-6	tert-Butylbenzene	<2.5	2.5
75-15-0	Carbon Disulfide	<2.5	2.5
56-23-5	Carbon Tetrachloride	<2.5	2.5
108-90-7	Chlorobenzene	<2.5	2.5
75-00-3	Chloroethane	<12	12
67-66-3	Chloroform	<2.5	2.5
74-87-3	Chloromethane	<12	12
96-12-8	1,2-Dibromo-3-chloropropane	<12	12
124-48-1	Dibromochloromethane	<2.5	2.5
106-93-4	1,2-Dibromoethane	<2.5	2.5
74-95-3	Dibromomethane	<2.5	2.5
110-57-6	trans-1,4-Dichloro-2-butene	<2.5	2.5
95-50-1	1,2-Dichlorobenzene	<2.5	2.5
541-73-1	1,3-Dichlorobenzene	<2.5	2.5
106-46-7	1,4-Dichlorobenzene	<2.5	2.5
*75-71-8	Dichlorodifluoromethane	<12	12
75-34-3	1,1-Dichloroethane	**16**	2.5
107-06-2	1,2-Dichloroethane	<2.5	2.5
75-35-4	1,1-Dichloroethene	<2.5	2.5
156-59-2	cis-1,2-Dichloroethene	**46**	2.5
156-60-5	trans-1,2-Dichloroethene	<2.5	2.5

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-31**	Sampled:	03/23/15 13:35		
Lab Sample ID:	**1503376-04**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	2.5	Analyzed:	03/31/15 03:29	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<2.5	2.5
10061-01-5	cis-1,3-Dichloropropene	<2.5	2.5
10061-02-6	trans-1,3-Dichloropropene	<2.5	2.5
100-41-4	Ethylbenzene	<2.5	2.5
60-29-7	Ethyl Ether	<12	12
591-78-6	2-Hexanone	<12	12
74-88-4	Iodomethane	<2.5	2.5
98-82-8	Isopropylbenzene	<2.5	2.5
99-87-6	4-Isopropyltoluene	<12	12
1634-04-4	Methyl tert-Butyl Ether	<12	12
75-09-2	Methylene Chloride	<12	12
78-93-3	2-Butanone (MEK)	**13**	12
91-57-6	2-Methylnaphthalene	<12	12
108-10-1	4-Methyl-2-pentanone (MIBK)	<12	12
91-20-3	Naphthalene	<12	12
103-65-1	n-Propylbenzene	<2.5	2.5
100-42-5	Styrene	<2.5	2.5
630-20-6	1,1,1,2-Tetrachloroethane	<2.5	2.5
79-34-5	1,1,2,2-Tetrachloroethane	<2.5	2.5
127-18-4	Tetrachloroethene	<2.5	2.5
109-99-9	Tetrahydrofuran	<12	12
108-88-3	Toluene	<2.5	2.5
87-61-6	1,2,3-Trichlorobenzene	<12	12
120-82-1	1,2,4-Trichlorobenzene	<12	12
71-55-6	1,1,1-Trichloroethane	**25**	2.5
79-00-5	1,1,2-Trichloroethane	<2.5	2.5
79-01-6	Trichloroethene	**340**	2.5
75-69-4	Trichlorofluoromethane	<2.5	2.5
96-18-4	1,2,3-Trichloropropane	<2.5	2.5
95-63-6	1,2,4-Trimethylbenzene	<2.5	2.5
108-67-8	1,3,5-Trimethylbenzene	<2.5	2.5

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-31**	Sampled:	03/23/15 13:35
Lab Sample ID:	**1503376-04**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/25/15 17:30
Unit:	ug/L	Prepared:	03/30/15 22:00 By: BAG
Dilution Factor:	2.5	Analyzed:	03/31/15 03:29 By: BAG
QC Batch:	1502883	Analytical Batch:	5C31031

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<2.5	2.5
179601-23-1	Xylene, Meta + Para	<5.0	5.0
95-47-6	Xylene, Ortho	<2.5	2.5

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*102*	*85-118*
1,2-Dichloroethane-d4	*108*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*101*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**EB-01**	Sampled:	03/23/15 14:27		
Lab Sample ID:	**1503376-05**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 00:37	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
*104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
*75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**EB-01**	Sampled:	03/23/15 14:27		
Lab Sample ID:	**1503376-05**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 00:37	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**EB-01**	Sampled:	03/23/15 14:27
Lab Sample ID:	**1503376-05**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/25/15 17:30
Unit:	ug/L	Prepared:	03/30/15 22:00 By: BAG
Dilution Factor:	1	Analyzed:	03/31/15 00:37 By: BAG
QC Batch:	1502883	Analytical Batch:	5C31031

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*100*	*85-118*
1,2-Dichloroethane-d4	*107*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*101*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-14d**	Sampled:	03/23/15 16:08		
Lab Sample ID:	**1503376-06**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 03:57	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
*104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
*75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-14d**	Sampled:	03/23/15 16:08		
Lab Sample ID:	**1503376-06**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 03:57	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-14d**	Sampled:	03/23/15 16:08		
Lab Sample ID:	**1503376-06**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 03:57	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*101*	*85-118*
1,2-Dichloroethane-d4	*108*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*102*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**Dup-02**	Sampled:	03/23/15 00:00		
Lab Sample ID:	**1503376-07**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 08:14	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
*104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
*75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**Dup-02**	Sampled:	03/23/15 00:00		
Lab Sample ID:	**1503376-07**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 08:14	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**Dup-02**	Sampled:	03/23/15 00:00		
Lab Sample ID:	**1503376-07**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 08:14	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*101*	*85-118*
1,2-Dichloroethane-d4	*110*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**TB-01**	Sampled:	03/23/15 00:00		
Lab Sample ID:	**1503376-08**	Sampled By:	TML		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 01:06	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
*104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
*75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**TB-01**	Sampled:	03/23/15 00:00		
Lab Sample ID:	**1503376-08**	Sampled By:	TML		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 01:06	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**TB-01**	Sampled:	03/23/15 00:00		
Lab Sample ID:	**1503376-08**	Sampled By:	TML		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 01:06	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*101*	*85-118*
1,2-Dichloroethane-d4	*106*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*101*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**TB-02**	Sampled:	03/23/15 00:00		
Lab Sample ID:	**1503376-09**	Sampled By:	TML		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 01:34	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
*104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
*75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**TB-02**	Sampled:	03/23/15 00:00		
Lab Sample ID:	**1503376-09**	Sampled By:	TML		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 01:34	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**TB-02**	Sampled:	03/23/15 00:00		
Lab Sample ID:	**1503376-09**	Sampled By:	TML		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 01:34	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*100*	*85-118*
1,2-Dichloroethane-d4	*106*	*87-122*
Toluene-d8	*99*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-36d**	Sampled:	03/24/15 10:05		
Lab Sample ID:	**1503376-10**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 04:54	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
*104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
*75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-36d**	Sampled:	03/24/15 10:05
Lab Sample ID:	**1503376-10**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/25/15 17:30
Unit:	ug/L	Prepared:	03/30/15 22:00 By: BAG
Dilution Factor:	1	Analyzed:	03/31/15 04:54 By: BAG
QC Batch:	1502883	Analytical Batch:	5C31031

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-36d**	Sampled:	03/24/15 10:05
Lab Sample ID:	**1503376-10**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/25/15 17:30
Unit:	ug/L	Prepared:	03/30/15 22:00 By: BAG
Dilution Factor:	1	Analyzed:	03/31/15 04:54 By: BAG
QC Batch:	1502883	Analytical Batch:	5C31031

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*102*	*85-118*
1,2-Dichloroethane-d4	*109*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-39d**	Sampled:	03/24/15 12:05		
Lab Sample ID:	**1503376-11**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 05:23	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
*104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
*75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	**3.4**	1.0
156-60-5	trans-1,2-Dichloroethene	**2.1**	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-39d**	Sampled:	03/24/15 12:05		
Lab Sample ID:	**1503376-11**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 05:23	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-39d**	Sampled:	03/24/15 12:05
Lab Sample ID:	**1503376-11**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/25/15 17:30
Unit:	ug/L	Prepared:	03/30/15 22:00 By: BAG
Dilution Factor:	1	Analyzed:	03/31/15 05:23 By: BAG
QC Batch:	1502883	Analytical Batch:	5C31031

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*101*	*85-118*
1,2-Dichloroethane-d4	*110*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*101*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-35d**	Sampled:	03/24/15 13:35		
Lab Sample ID:	**1503376-12**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 05:52	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
*104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
*75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	**44**	1.0
156-60-5	trans-1,2-Dichloroethene	**8.0**	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-35d**	Sampled:	03/24/15 13:35		
Lab Sample ID:	**1503376-12**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 05:52	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-35d**	Sampled:	03/24/15 13:35		
Lab Sample ID:	**1503376-12**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 05:52	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**42**	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*101*	*85-118*
1,2-Dichloroethane-d4	*109*	*87-122*
Toluene-d8	*99*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-35i**	Sampled:	03/24/15 14:24		
Lab Sample ID:	**1503376-13**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	25	Analyzed:	03/31/15 08:43	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<500	500
107-13-1	Acrylonitrile	<50	50
71-43-2	Benzene	<25	25
108-86-1	Bromobenzene	<25	25
74-97-5	Bromochloromethane	<25	25
75-27-4	Bromodichloromethane	<25	25
75-25-2	Bromoform	<25	25
74-83-9	Bromomethane	<120	120
*104-51-8	n-Butylbenzene	<25	25
135-98-8	sec-Butylbenzene	<25	25
98-06-6	tert-Butylbenzene	<25	25
75-15-0	Carbon Disulfide	<25	25
56-23-5	Carbon Tetrachloride	<25	25
108-90-7	Chlorobenzene	<25	25
75-00-3	Chloroethane	<120	120
67-66-3	Chloroform	<25	25
74-87-3	Chloromethane	<120	120
96-12-8	1,2-Dibromo-3-chloropropane	<120	120
124-48-1	Dibromochloromethane	<25	25
106-93-4	1,2-Dibromoethane	<25	25
74-95-3	Dibromomethane	<25	25
110-57-6	trans-1,4-Dichloro-2-butene	<25	25
95-50-1	1,2-Dichlorobenzene	<25	25
541-73-1	1,3-Dichlorobenzene	<25	25
106-46-7	1,4-Dichlorobenzene	<25	25
*75-71-8	Dichlorodifluoromethane	<120	120
75-34-3	1,1-Dichloroethane	<25	25
107-06-2	1,2-Dichloroethane	<25	25
75-35-4	1,1-Dichloroethene	**43**	25
156-59-2	cis-1,2-Dichloroethene	<25	25
156-60-5	trans-1,2-Dichloroethene	<25	25

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-35i**	Sampled:	03/24/15 14:24		
Lab Sample ID:	**1503376-13**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	25	Analyzed:	03/31/15 08:43	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<25	25
10061-01-5	cis-1,3-Dichloropropene	<25	25
10061-02-6	trans-1,3-Dichloropropene	<25	25
100-41-4	Ethylbenzene	<25	25
60-29-7	Ethyl Ether	<120	120
591-78-6	2-Hexanone	<120	120
74-88-4	Iodomethane	<25	25
98-82-8	Isopropylbenzene	<25	25
99-87-6	4-Isopropyltoluene	<120	120
1634-04-4	Methyl tert-Butyl Ether	<120	120
75-09-2	Methylene Chloride	<120	120
78-93-3	2-Butanone (MEK)	<120	120
91-57-6	2-Methylnaphthalene	<120	120
108-10-1	4-Methyl-2-pentanone (MIBK)	<120	120
91-20-3	Naphthalene	<120	120
103-65-1	n-Propylbenzene	<25	25
100-42-5	Styrene	<25	25
630-20-6	1,1,1,2-Tetrachloroethane	<25	25
79-34-5	1,1,2,2-Tetrachloroethane	<25	25
127-18-4	Tetrachloroethene	<25	25
109-99-9	Tetrahydrofuran	<120	120
108-88-3	Toluene	<25	25
87-61-6	1,2,3-Trichlorobenzene	<120	120
120-82-1	1,2,4-Trichlorobenzene	<120	120
71-55-6	1,1,1-Trichloroethane	**3200**	25
79-00-5	1,1,2-Trichloroethane	<25	25
79-01-6	Trichloroethene	**2600**	25
75-69-4	Trichlorofluoromethane	<25	25
96-18-4	1,2,3-Trichloropropane	<25	25
95-63-6	1,2,4-Trimethylbenzene	<25	25
108-67-8	1,3,5-Trimethylbenzene	<25	25

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-35i**	Sampled:	03/24/15 14:24
Lab Sample ID:	**1503376-13**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/25/15 17:30
Unit:	ug/L	Prepared:	03/30/15 22:00 By: BAG
Dilution Factor:	25	Analyzed:	03/31/15 08:43 By: BAG
QC Batch:	1502883	Analytical Batch:	5C31031

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<25	25
179601-23-1	Xylene, Meta + Para	<50	50
95-47-6	Xylene, Ortho	<25	25

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*104*	*85-118*
1,2-Dichloroethane-d4	*110*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*101*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-25s**	Sampled:	03/24/15 15:45		
Lab Sample ID:	**1503376-14**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 06:49	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
*104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
*75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-25s**	Sampled:	03/24/15 15:45		
Lab Sample ID:	**1503376-14**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 06:49	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	**17**	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	**8.6**	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-25s**	Sampled:	03/24/15 15:45
Lab Sample ID:	**1503376-14**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/25/15 17:30
Unit:	ug/L	Prepared:	03/30/15 22:00 By: BAG
Dilution Factor:	1	Analyzed:	03/31/15 06:49 By: BAG
QC Batch:	1502883	Analytical Batch:	5C31031

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*103*	*85-118*
1,2-Dichloroethane-d4	*110*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*101*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-8d**	Sampled:	03/24/15 16:53		
Lab Sample ID:	**1503376-15**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 07:17	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
*104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
*75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-8d**	Sampled:	03/24/15 16:53
Lab Sample ID:	**1503376-15**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/25/15 17:30
Unit:	ug/L	Prepared:	03/30/15 22:00 By: BAG
Dilution Factor:	1	Analyzed:	03/31/15 07:17 By: BAG
QC Batch:	1502883	Analytical Batch:	5C31031

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-8d**	Sampled:	03/24/15 16:53
Lab Sample ID:	**1503376-15**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/25/15 17:30
Unit:	ug/L	Prepared:	03/30/15 22:00 By: BAG
Dilution Factor:	1	Analyzed:	03/31/15 07:17 By: BAG
QC Batch:	1502883	Analytical Batch:	5C31031

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*101*	*85-118*
1,2-Dichloroethane-d4	*110*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-34d**	Sampled:	03/24/15 17:53		
Lab Sample ID:	**1503376-16**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 14:15	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
*104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
*75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-34d**	Sampled:	03/24/15 17:53		
Lab Sample ID:	**1503376-16**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 14:15	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
*109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
*75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-34d**	Sampled:	03/24/15 17:53
Lab Sample ID:	**1503376-16**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/25/15 17:30
Unit:	ug/L	Prepared:	03/31/15 11:00 By: BAG
Dilution Factor:	1	Analyzed:	03/31/15 14:15 By: BAG
QC Batch:	1502902	Analytical Batch:	5D01004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*103*	*85-118*
1,2-Dichloroethane-d4	*110*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*101*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-10d**	Sampled:	03/24/15 19:34		
Lab Sample ID:	**1503376-17**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 07:46	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
*104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
*75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	**16**	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-10d**	Sampled:	03/24/15 19:34		
Lab Sample ID:	**1503376-17**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/25/15 17:30		
Unit:	ug/L	Prepared:	03/30/15 22:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 07:46	By:	BAG
QC Batch:	1502883	Analytical Batch:	5C31031		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503376**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**SS-10d**	Sampled:	03/24/15 19:34
Lab Sample ID:	**1503376-17**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/25/15 17:30
Unit:	ug/L	Prepared:	03/30/15 22:00 By: BAG
Dilution Factor:	1	Analyzed:	03/31/15 07:46 By: BAG
QC Batch:	1502883	Analytical Batch:	5C31031

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*102*	*85-118*
1,2-Dichloroethane-d4	*109*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-38d**	Sampled:	03/25/15 09:30		
Lab Sample ID:	**1503403-01**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 15:41	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
*104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
*75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-38d**	Sampled:	03/25/15 09:30		
Lab Sample ID:	**1503403-01**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 15:41	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
*109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
*75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-38d**	Sampled:	03/25/15 09:30
Lab Sample ID:	**1503403-01**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/27/15 17:00
Unit:	ug/L	Prepared:	03/31/15 11:00 By: BAG
Dilution Factor:	1	Analyzed:	03/31/15 15:41 By: BAG
QC Batch:	1502902	Analytical Batch:	5D01004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*103*	*85-118*
1,2-Dichloroethane-d4	*111*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*101*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-38s**	Sampled:	03/25/15 10:32		
Lab Sample ID:	**1503403-02**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	2	Analyzed:	03/31/15 16:10	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<40	40
107-13-1	Acrylonitrile	<4.0	4.0
71-43-2	Benzene	<2.0	2.0
108-86-1	Bromobenzene	<2.0	2.0
74-97-5	Bromochloromethane	<2.0	2.0
75-27-4	Bromodichloromethane	<2.0	2.0
75-25-2	Bromoform	<2.0	2.0
74-83-9	Bromomethane	<10	10
*104-51-8	n-Butylbenzene	<2.0	2.0
135-98-8	sec-Butylbenzene	<2.0	2.0
98-06-6	tert-Butylbenzene	<2.0	2.0
75-15-0	Carbon Disulfide	<2.0	2.0
56-23-5	Carbon Tetrachloride	<2.0	2.0
108-90-7	Chlorobenzene	<2.0	2.0
75-00-3	Chloroethane	<10	10
67-66-3	Chloroform	<2.0	2.0
74-87-3	Chloromethane	<10	10
96-12-8	1,2-Dibromo-3-chloropropane	<10	10
124-48-1	Dibromochloromethane	<2.0	2.0
106-93-4	1,2-Dibromoethane	<2.0	2.0
74-95-3	Dibromomethane	<2.0	2.0
110-57-6	trans-1,4-Dichloro-2-butene	<2.0	2.0
95-50-1	1,2-Dichlorobenzene	<2.0	2.0
541-73-1	1,3-Dichlorobenzene	<2.0	2.0
106-46-7	1,4-Dichlorobenzene	<2.0	2.0
*75-71-8	Dichlorodifluoromethane	<10	10
75-34-3	1,1-Dichloroethane	**7.6**	2.0
107-06-2	1,2-Dichloroethane	<2.0	2.0
75-35-4	1,1-Dichloroethene	<2.0	2.0
156-59-2	cis-1,2-Dichloroethene	**19**	2.0
156-60-5	trans-1,2-Dichloroethene	**2.0**	2.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-38s**	Sampled:	03/25/15 10:32
Lab Sample ID:	**1503403-02**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/27/15 17:00
Unit:	ug/L	Prepared:	03/31/15 11:00 By: BAG
Dilution Factor:	2	Analyzed:	03/31/15 16:10 By: BAG
QC Batch:	1502902	Analytical Batch:	5D01004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<2.0	2.0
10061-01-5	cis-1,3-Dichloropropene	<2.0	2.0
10061-02-6	trans-1,3-Dichloropropene	<2.0	2.0
100-41-4	Ethylbenzene	<2.0	2.0
60-29-7	Ethyl Ether	<10	10
591-78-6	2-Hexanone	<10	10
74-88-4	Iodomethane	<2.0	2.0
98-82-8	Isopropylbenzene	<2.0	2.0
99-87-6	4-Isopropyltoluene	<10	10
1634-04-4	Methyl tert-Butyl Ether	<10	10
75-09-2	Methylene Chloride	<10	10
78-93-3	2-Butanone (MEK)	**10**	10
91-57-6	2-Methylnaphthalene	<10	10
108-10-1	4-Methyl-2-pentanone (MIBK)	<10	10
91-20-3	Naphthalene	<10	10
103-65-1	n-Propylbenzene	<2.0	2.0
100-42-5	Styrene	<2.0	2.0
630-20-6	1,1,1,2-Tetrachloroethane	<2.0	2.0
79-34-5	1,1,2,2-Tetrachloroethane	<2.0	2.0
127-18-4	Tetrachloroethene	<2.0	2.0
*109-99-9	Tetrahydrofuran	<10	10
108-88-3	Toluene	<2.0	2.0
87-61-6	1,2,3-Trichlorobenzene	<10	10
120-82-1	1,2,4-Trichlorobenzene	<10	10
71-55-6	1,1,1-Trichloroethane	**15**	2.0
79-00-5	1,1,2-Trichloroethane	<2.0	2.0
79-01-6	Trichloroethene	**210**	2.0
*75-69-4	Trichlorofluoromethane	<2.0	2.0
96-18-4	1,2,3-Trichloropropane	<2.0	2.0
95-63-6	1,2,4-Trimethylbenzene	<2.0	2.0
108-67-8	1,3,5-Trimethylbenzene	<2.0	2.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-38s**	Sampled:	03/25/15 10:32
Lab Sample ID:	**1503403-02**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/27/15 17:00
Unit:	ug/L	Prepared:	03/31/15 11:00 By: BAG
Dilution Factor:	2	Analyzed:	03/31/15 16:10 By: BAG
QC Batch:	1502902	Analytical Batch:	5D01004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**9.7**	2.0
179601-23-1	Xylene, Meta + Para	<4.0	4.0
95-47-6	Xylene, Ortho	<2.0	2.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*101*	*85-118*
1,2-Dichloroethane-d4	*110*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*102*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-20s**	Sampled:	03/25/15 12:00		
Lab Sample ID:	**1503403-03**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 16:39	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
*104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
*75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	**6.6**	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	**1.1**	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-20s**	Sampled:	03/25/15 12:00		
Lab Sample ID:	**1503403-03**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 16:39	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
*109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	**82**	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	**83**	1.0
*75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-20s**	Sampled:	03/25/15 12:00		
Lab Sample ID:	**1503403-03**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 16:39	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*104*	*85-118*
1,2-Dichloroethane-d4	*112*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*101*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-20d**	Sampled:	03/25/15 13:15		
Lab Sample ID:	**1503403-04**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	2	Analyzed:	03/31/15 17:07	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<40	40
107-13-1	Acrylonitrile	<4.0	4.0
71-43-2	Benzene	<2.0	2.0
108-86-1	Bromobenzene	<2.0	2.0
74-97-5	Bromochloromethane	<2.0	2.0
75-27-4	Bromodichloromethane	<2.0	2.0
75-25-2	Bromoform	<2.0	2.0
74-83-9	Bromomethane	<10	10
*104-51-8	n-Butylbenzene	<2.0	2.0
135-98-8	sec-Butylbenzene	<2.0	2.0
98-06-6	tert-Butylbenzene	<2.0	2.0
75-15-0	Carbon Disulfide	<2.0	2.0
56-23-5	Carbon Tetrachloride	<2.0	2.0
108-90-7	Chlorobenzene	<2.0	2.0
75-00-3	Chloroethane	<10	10
67-66-3	Chloroform	<2.0	2.0
74-87-3	Chloromethane	<10	10
96-12-8	1,2-Dibromo-3-chloropropane	<10	10
124-48-1	Dibromochloromethane	<2.0	2.0
106-93-4	1,2-Dibromoethane	<2.0	2.0
74-95-3	Dibromomethane	<2.0	2.0
110-57-6	trans-1,4-Dichloro-2-butene	<2.0	2.0
95-50-1	1,2-Dichlorobenzene	<2.0	2.0
541-73-1	1,3-Dichlorobenzene	<2.0	2.0
106-46-7	1,4-Dichlorobenzene	<2.0	2.0
*75-71-8	Dichlorodifluoromethane	<10	10
75-34-3	1,1-Dichloroethane	<2.0	2.0
107-06-2	1,2-Dichloroethane	<2.0	2.0
75-35-4	1,1-Dichloroethene	<2.0	2.0
156-59-2	cis-1,2-Dichloroethene	**310**	2.0
156-60-5	trans-1,2-Dichloroethene	<2.0	2.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-20d**	Sampled:	03/25/15 13:15
Lab Sample ID:	**1503403-04**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/27/15 17:00
Unit:	ug/L	Prepared:	03/31/15 11:00 By: BAG
Dilution Factor:	2	Analyzed:	03/31/15 17:07 By: BAG
QC Batch:	1502902	Analytical Batch:	5D01004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<2.0	2.0
10061-01-5	cis-1,3-Dichloropropene	<2.0	2.0
10061-02-6	trans-1,3-Dichloropropene	<2.0	2.0
100-41-4	Ethylbenzene	<2.0	2.0
60-29-7	Ethyl Ether	<10	10
591-78-6	2-Hexanone	<10	10
74-88-4	Iodomethane	<2.0	2.0
98-82-8	Isopropylbenzene	<2.0	2.0
99-87-6	4-Isopropyltoluene	<10	10
1634-04-4	Methyl tert-Butyl Ether	<10	10
75-09-2	Methylene Chloride	<10	10
78-93-3	2-Butanone (MEK)	**18**	10
91-57-6	2-Methylnaphthalene	<10	10
108-10-1	4-Methyl-2-pentanone (MIBK)	<10	10
91-20-3	Naphthalene	<10	10
103-65-1	n-Propylbenzene	<2.0	2.0
100-42-5	Styrene	<2.0	2.0
630-20-6	1,1,1,2-Tetrachloroethane	<2.0	2.0
79-34-5	1,1,2,2-Tetrachloroethane	<2.0	2.0
127-18-4	Tetrachloroethene	<2.0	2.0
*109-99-9	Tetrahydrofuran	<10	10
108-88-3	Toluene	<2.0	2.0
87-61-6	1,2,3-Trichlorobenzene	<10	10
120-82-1	1,2,4-Trichlorobenzene	<10	10
71-55-6	1,1,1-Trichloroethane	<2.0	2.0
79-00-5	1,1,2-Trichloroethane	<2.0	2.0
79-01-6	Trichloroethene	<2.0	2.0
*75-69-4	Trichlorofluoromethane	<2.0	2.0
96-18-4	1,2,3-Trichloropropane	<2.0	2.0
95-63-6	1,2,4-Trimethylbenzene	<2.0	2.0
108-67-8	1,3,5-Trimethylbenzene	<2.0	2.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-20d**	Sampled:	03/25/15 13:15		
Lab Sample ID:	**1503403-04**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	2	Analyzed:	03/31/15 17:07	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**77**	2.0
179601-23-1	Xylene, Meta + Para	<4.0	4.0
95-47-6	Xylene, Ortho	<2.0	2.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*101*	*85-118*
1,2-Dichloroethane-d4	*110*	*87-122*
Toluene-d8	*99*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-23**	Sampled:	03/25/15 15:23		
Lab Sample ID:	**1503403-05**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 17:36	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
*104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
*75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-23**	Sampled:	03/25/15 15:23		
Lab Sample ID:	**1503403-05**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 17:36	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
*109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
*75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-23**	Sampled:	03/25/15 15:23
Lab Sample ID:	**1503403-05**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/27/15 17:00
Unit:	ug/L	Prepared:	03/31/15 11:00 By: BAG
Dilution Factor:	1	Analyzed:	03/31/15 17:36 By: BAG
QC Batch:	1502902	Analytical Batch:	5D01004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**110**	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*103*	*85-118*
1,2-Dichloroethane-d4	*109*	*87-122*
Toluene-d8	*99*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-36s**	Sampled:	03/25/15 16:30		
Lab Sample ID:	**1503403-06**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	5	Analyzed:	03/31/15 18:05	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<100	100
107-13-1	Acrylonitrile	<10	10
71-43-2	Benzene	<5.0	5.0
108-86-1	Bromobenzene	<5.0	5.0
74-97-5	Bromochloromethane	<5.0	5.0
75-27-4	Bromodichloromethane	<5.0	5.0
75-25-2	Bromoform	<5.0	5.0
74-83-9	Bromomethane	<25	25
*104-51-8	n-Butylbenzene	<5.0	5.0
135-98-8	sec-Butylbenzene	<5.0	5.0
98-06-6	tert-Butylbenzene	<5.0	5.0
75-15-0	Carbon Disulfide	<5.0	5.0
56-23-5	Carbon Tetrachloride	<5.0	5.0
108-90-7	Chlorobenzene	<5.0	5.0
75-00-3	Chloroethane	**30**	25
67-66-3	Chloroform	<5.0	5.0
74-87-3	Chloromethane	<25	25
96-12-8	1,2-Dibromo-3-chloropropane	<25	25
124-48-1	Dibromochloromethane	<5.0	5.0
106-93-4	1,2-Dibromoethane	<5.0	5.0
74-95-3	Dibromomethane	<5.0	5.0
110-57-6	trans-1,4-Dichloro-2-butene	<5.0	5.0
95-50-1	1,2-Dichlorobenzene	<5.0	5.0
541-73-1	1,3-Dichlorobenzene	<5.0	5.0
106-46-7	1,4-Dichlorobenzene	<5.0	5.0
*75-71-8	Dichlorodifluoromethane	<25	25
75-34-3	1,1-Dichloroethane	**17**	5.0
107-06-2	1,2-Dichloroethane	<5.0	5.0
75-35-4	1,1-Dichloroethene	<5.0	5.0
156-59-2	cis-1,2-Dichloroethene	**130**	5.0
156-60-5	trans-1,2-Dichloroethene	**16**	5.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-36s**	Sampled:	03/25/15 16:30
Lab Sample ID:	**1503403-06**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/27/15 17:00
Unit:	ug/L	Prepared:	03/31/15 11:00 By: BAG
Dilution Factor:	5	Analyzed:	03/31/15 18:05 By: BAG
QC Batch:	1502902	Analytical Batch:	5D01004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<5.0	5.0
10061-01-5	cis-1,3-Dichloropropene	<5.0	5.0
10061-02-6	trans-1,3-Dichloropropene	<5.0	5.0
100-41-4	Ethylbenzene	<5.0	5.0
60-29-7	Ethyl Ether	<25	25
591-78-6	2-Hexanone	<25	25
74-88-4	Iodomethane	<5.0	5.0
98-82-8	Isopropylbenzene	<5.0	5.0
99-87-6	4-Isopropyltoluene	<25	25
1634-04-4	Methyl tert-Butyl Ether	<25	25
75-09-2	Methylene Chloride	<25	25
78-93-3	2-Butanone (MEK)	<25	25
91-57-6	2-Methylnaphthalene	<25	25
108-10-1	4-Methyl-2-pentanone (MIBK)	<25	25
91-20-3	Naphthalene	<25	25
103-65-1	n-Propylbenzene	<5.0	5.0
100-42-5	Styrene	<5.0	5.0
630-20-6	1,1,1,2-Tetrachloroethane	<5.0	5.0
79-34-5	1,1,2,2-Tetrachloroethane	<5.0	5.0
127-18-4	Tetrachloroethene	<5.0	5.0
*109-99-9	Tetrahydrofuran	<25	25
108-88-3	Toluene	<5.0	5.0
87-61-6	1,2,3-Trichlorobenzene	<25	25
120-82-1	1,2,4-Trichlorobenzene	<25	25
71-55-6	1,1,1-Trichloroethane	**21**	5.0
79-00-5	1,1,2-Trichloroethane	<5.0	5.0
79-01-6	Trichloroethene	**550**	5.0
*75-69-4	Trichlorofluoromethane	<5.0	5.0
96-18-4	1,2,3-Trichloropropane	<5.0	5.0
95-63-6	1,2,4-Trimethylbenzene	<5.0	5.0
108-67-8	1,3,5-Trimethylbenzene	<5.0	5.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-36s**	Sampled:	03/25/15 16:30
Lab Sample ID:	**1503403-06**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/27/15 17:00
Unit:	ug/L	Prepared:	03/31/15 11:00 By: BAG
Dilution Factor:	5	Analyzed:	03/31/15 18:05 By: BAG
QC Batch:	1502902	Analytical Batch:	5D01004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**30**	5.0
179601-23-1	Xylene, Meta + Para	<10	10
95-47-6	Xylene, Ortho	<5.0	5.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*103*	*85-118*
1,2-Dichloroethane-d4	*110*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*101*	*82-110*

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-21**	Sampled:	03/25/15 17:45		
Lab Sample ID:	**1503403-07**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	10	Analyzed:	03/31/15 18:33	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<200	200
107-13-1	Acrylonitrile	<20	20
71-43-2	Benzene	<10	10
108-86-1	Bromobenzene	<10	10
74-97-5	Bromochloromethane	<10	10
75-27-4	Bromodichloromethane	<10	10
75-25-2	Bromoform	<10	10
74-83-9	Bromomethane	<50	50
*104-51-8	n-Butylbenzene	<10	10
135-98-8	sec-Butylbenzene	<10	10
98-06-6	tert-Butylbenzene	<10	10
75-15-0	Carbon Disulfide	<10	10
56-23-5	Carbon Tetrachloride	<10	10
108-90-7	Chlorobenzene	<10	10
75-00-3	Chloroethane	<50	50
67-66-3	Chloroform	<10	10
74-87-3	Chloromethane	<50	50
96-12-8	1,2-Dibromo-3-chloropropane	<50	50
124-48-1	Dibromochloromethane	<10	10
106-93-4	1,2-Dibromoethane	<10	10
74-95-3	Dibromomethane	<10	10
110-57-6	trans-1,4-Dichloro-2-butene	<10	10
95-50-1	1,2-Dichlorobenzene	<10	10
541-73-1	1,3-Dichlorobenzene	<10	10
106-46-7	1,4-Dichlorobenzene	<10	10
*75-71-8	Dichlorodifluoromethane	<50	50
75-34-3	1,1-Dichloroethane	**14**	10
107-06-2	1,2-Dichloroethane	<10	10
75-35-4	1,1-Dichloroethene	<10	10
156-59-2	cis-1,2-Dichloroethene	**170**	10
156-60-5	trans-1,2-Dichloroethene	<10	10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-21**	Sampled:	03/25/15 17:45		
Lab Sample ID:	**1503403-07**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	10	Analyzed:	03/31/15 18:33	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<10	10
10061-01-5	cis-1,3-Dichloropropene	<10	10
10061-02-6	trans-1,3-Dichloropropene	<10	10
100-41-4	Ethylbenzene	<10	10
60-29-7	Ethyl Ether	<50	50
591-78-6	2-Hexanone	<50	50
74-88-4	Iodomethane	<10	10
98-82-8	Isopropylbenzene	<10	10
99-87-6	4-Isopropyltoluene	<50	50
1634-04-4	Methyl tert-Butyl Ether	<50	50
75-09-2	Methylene Chloride	<50	50
78-93-3	2-Butanone (MEK)	<50	50
91-57-6	2-Methylnaphthalene	<50	50
108-10-1	4-Methyl-2-pentanone (MIBK)	<50	50
91-20-3	Naphthalene	<50	50
103-65-1	n-Propylbenzene	<10	10
100-42-5	Styrene	<10	10
630-20-6	1,1,1,2-Tetrachloroethane	<10	10
79-34-5	1,1,2,2-Tetrachloroethane	<10	10
127-18-4	Tetrachloroethene	<10	10
*109-99-9	Tetrahydrofuran	<50	50
108-88-3	Toluene	<10	10
87-61-6	1,2,3-Trichlorobenzene	<50	50
120-82-1	1,2,4-Trichlorobenzene	<50	50
71-55-6	1,1,1-Trichloroethane	**55**	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	**1100**	10
*75-69-4	Trichlorofluoromethane	<10	10
96-18-4	1,2,3-Trichloropropane	<10	10
95-63-6	1,2,4-Trimethylbenzene	<10	10
108-67-8	1,3,5-Trimethylbenzene	<10	10

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-21**	Sampled:	03/25/15 17:45		
Lab Sample ID:	**1503403-07**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	10	Analyzed:	03/31/15 18:33	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<10	10
179601-23-1	Xylene, Meta + Para	<20	20
95-47-6	Xylene, Ortho	<10	10

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*102*	*85-118*
1,2-Dichloroethane-d4	*109*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*101*	*82-110*

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**TB-03**	Sampled:	03/26/15 00:00		
Lab Sample ID:	**1503403-08**	Sampled By:	TML		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 14:44	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
*104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
*75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**TB-03**	Sampled:	03/26/15 00:00
Lab Sample ID:	**1503403-08**	Sampled By:	TML
Matrix:	Water	Received:	03/27/15 17:00
Unit:	ug/L	Prepared:	03/31/15 11:00 By: BAG
Dilution Factor:	1	Analyzed:	03/31/15 14:44 By: BAG
QC Batch:	1502902	Analytical Batch:	5D01004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
*109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
*75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**TB-03**	Sampled:	03/26/15 00:00
Lab Sample ID:	**1503403-08**	Sampled By:	TML
Matrix:	Water	Received:	03/27/15 17:00
Unit:	ug/L	Prepared:	03/31/15 11:00 By: BAG
Dilution Factor:	1	Analyzed:	03/31/15 14:44 By: BAG
QC Batch:	1502902	Analytical Batch:	5D01004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*101*	*85-118*
1,2-Dichloroethane-d4	*110*	*87-122*
Toluene-d8	*99*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-4i**	Sampled:	03/26/15 09:03		
Lab Sample ID:	**1503403-09**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	50	Analyzed:	03/31/15 19:02	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<1000	1000
107-13-1	Acrylonitrile	<100	100
71-43-2	Benzene	<50	50
108-86-1	Bromobenzene	<50	50
74-97-5	Bromochloromethane	<50	50
75-27-4	Bromodichloromethane	<50	50
75-25-2	Bromoform	<50	50
74-83-9	Bromomethane	<250	250
*104-51-8	n-Butylbenzene	<50	50
135-98-8	sec-Butylbenzene	<50	50
98-06-6	tert-Butylbenzene	<50	50
75-15-0	Carbon Disulfide	<50	50
56-23-5	Carbon Tetrachloride	<50	50
108-90-7	Chlorobenzene	<50	50
75-00-3	Chloroethane	<250	250
67-66-3	Chloroform	<50	50
74-87-3	Chloromethane	<250	250
96-12-8	1,2-Dibromo-3-chloropropane	<250	250
124-48-1	Dibromochloromethane	<50	50
106-93-4	1,2-Dibromoethane	<50	50
74-95-3	Dibromomethane	<50	50
110-57-6	trans-1,4-Dichloro-2-butene	<50	50
95-50-1	1,2-Dichlorobenzene	<50	50
541-73-1	1,3-Dichlorobenzene	<50	50
106-46-7	1,4-Dichlorobenzene	<50	50
*75-71-8	Dichlorodifluoromethane	<250	250
75-34-3	1,1-Dichloroethane	<50	50
107-06-2	1,2-Dichloroethane	<50	50
75-35-4	1,1-Dichloroethene	<50	50
156-59-2	cis-1,2-Dichloroethene	**3500**	50
156-60-5	trans-1,2-Dichloroethene	**110**	50

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-4i**	Sampled:	03/26/15 09:03		
Lab Sample ID:	**1503403-09**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	50	Analyzed:	03/31/15 19:02	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<50	50
10061-01-5	cis-1,3-Dichloropropene	<50	50
10061-02-6	trans-1,3-Dichloropropene	<50	50
100-41-4	Ethylbenzene	<50	50
60-29-7	Ethyl Ether	<250	250
591-78-6	2-Hexanone	<250	250
74-88-4	Iodomethane	<50	50
98-82-8	Isopropylbenzene	<50	50
99-87-6	4-Isopropyltoluene	<250	250
1634-04-4	Methyl tert-Butyl Ether	<250	250
75-09-2	Methylene Chloride	<250	250
78-93-3	2-Butanone (MEK)	<250	250
91-57-6	2-Methylnaphthalene	<250	250
108-10-1	4-Methyl-2-pentanone (MIBK)	<250	250
91-20-3	Naphthalene	<250	250
103-65-1	n-Propylbenzene	<50	50
100-42-5	Styrene	<50	50
630-20-6	1,1,1,2-Tetrachloroethane	<50	50
79-34-5	1,1,2,2-Tetrachloroethane	<50	50
127-18-4	Tetrachloroethene	<50	50
*109-99-9	Tetrahydrofuran	<250	250
108-88-3	Toluene	<50	50
87-61-6	1,2,3-Trichlorobenzene	<250	250
120-82-1	1,2,4-Trichlorobenzene	<250	250
71-55-6	1,1,1-Trichloroethane	<50	50
79-00-5	1,1,2-Trichloroethane	<50	50
79-01-6	Trichloroethene	**5000**	50
*75-69-4	Trichlorofluoromethane	<50	50
96-18-4	1,2,3-Trichloropropane	<50	50
95-63-6	1,2,4-Trimethylbenzene	<50	50
108-67-8	1,3,5-Trimethylbenzene	<50	50

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-4i**	Sampled:	03/26/15 09:03		
Lab Sample ID:	**1503403-09**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	50	Analyzed:	03/31/15 19:02	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**76**	50
179601-23-1	Xylene, Meta + Para	<100	100
95-47-6	Xylene, Ortho	<50	50

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*103*	*85-118*
1,2-Dichloroethane-d4	*109*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*102*	*82-110*

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**EB-02**	Sampled:	03/26/15 09:17
Lab Sample ID:	**1503403-10**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/27/15 17:00
Unit:	ug/L	Prepared:	03/31/15 11:00 By: BAG
Dilution Factor:	1	Analyzed:	03/31/15 15:13 By: BAG
QC Batch:	1502902	Analytical Batch:	5D01004

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
*104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
*75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**EB-02**	Sampled:	03/26/15 09:17		
Lab Sample ID:	**1503403-10**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 15:13	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
*109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
*75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**EB-02**	Sampled:	03/26/15 09:17		
Lab Sample ID:	**1503403-10**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 15:13	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*103*	*85-118*
1,2-Dichloroethane-d4	*109*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-39s**	Sampled:	03/26/15 10:25		
Lab Sample ID:	**1503403-11**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	5	Analyzed:	03/31/15 19:30	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<100	100
107-13-1	Acrylonitrile	<10	10
71-43-2	Benzene	<5.0	5.0
108-86-1	Bromobenzene	<5.0	5.0
74-97-5	Bromochloromethane	<5.0	5.0
75-27-4	Bromodichloromethane	<5.0	5.0
75-25-2	Bromoform	<5.0	5.0
74-83-9	Bromomethane	<25	25
*104-51-8	n-Butylbenzene	<5.0	5.0
135-98-8	sec-Butylbenzene	<5.0	5.0
98-06-6	tert-Butylbenzene	<5.0	5.0
75-15-0	Carbon Disulfide	<5.0	5.0
56-23-5	Carbon Tetrachloride	<5.0	5.0
108-90-7	Chlorobenzene	<5.0	5.0
75-00-3	Chloroethane	<25	25
67-66-3	Chloroform	<5.0	5.0
74-87-3	Chloromethane	<25	25
96-12-8	1,2-Dibromo-3-chloropropane	<25	25
124-48-1	Dibromochloromethane	<5.0	5.0
106-93-4	1,2-Dibromoethane	<5.0	5.0
74-95-3	Dibromomethane	<5.0	5.0
110-57-6	trans-1,4-Dichloro-2-butene	<5.0	5.0
95-50-1	1,2-Dichlorobenzene	<5.0	5.0
541-73-1	1,3-Dichlorobenzene	<5.0	5.0
106-46-7	1,4-Dichlorobenzene	<5.0	5.0
*75-71-8	Dichlorodifluoromethane	<25	25
75-34-3	1,1-Dichloroethane	**89**	5.0
107-06-2	1,2-Dichloroethane	<5.0	5.0
75-35-4	1,1-Dichloroethene	**20**	5.0
156-59-2	cis-1,2-Dichloroethene	**56**	5.0
156-60-5	trans-1,2-Dichloroethene	**6.6**	5.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-39s**	Sampled:	03/26/15 10:25		
Lab Sample ID:	**1503403-11**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	5	Analyzed:	03/31/15 19:30	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<5.0	5.0
10061-01-5	cis-1,3-Dichloropropene	<5.0	5.0
10061-02-6	trans-1,3-Dichloropropene	<5.0	5.0
100-41-4	Ethylbenzene	<5.0	5.0
60-29-7	Ethyl Ether	<25	25
591-78-6	2-Hexanone	<25	25
74-88-4	Iodomethane	<5.0	5.0
98-82-8	Isopropylbenzene	<5.0	5.0
99-87-6	4-Isopropyltoluene	<25	25
1634-04-4	Methyl tert-Butyl Ether	<25	25
75-09-2	Methylene Chloride	<25	25
78-93-3	2-Butanone (MEK)	<25	25
91-57-6	2-Methylnaphthalene	<25	25
108-10-1	4-Methyl-2-pentanone (MIBK)	<25	25
91-20-3	Naphthalene	<25	25
103-65-1	n-Propylbenzene	<5.0	5.0
100-42-5	Styrene	<5.0	5.0
630-20-6	1,1,1,2-Tetrachloroethane	<5.0	5.0
79-34-5	1,1,2,2-Tetrachloroethane	<5.0	5.0
127-18-4	Tetrachloroethene	<5.0	5.0
*109-99-9	Tetrahydrofuran	<25	25
108-88-3	Toluene	<5.0	5.0
87-61-6	1,2,3-Trichlorobenzene	<25	25
120-82-1	1,2,4-Trichlorobenzene	<25	25
71-55-6	1,1,1-Trichloroethane	**100**	5.0
79-00-5	1,1,2-Trichloroethane	<5.0	5.0
79-01-6	Trichloroethene	**790**	5.0
*75-69-4	Trichlorofluoromethane	<5.0	5.0
96-18-4	1,2,3-Trichloropropane	<5.0	5.0
95-63-6	1,2,4-Trimethylbenzene	<5.0	5.0
108-67-8	1,3,5-Trimethylbenzene	<5.0	5.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-39s**	Sampled:	03/26/15 10:25		
Lab Sample ID:	**1503403-11**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	5	Analyzed:	03/31/15 19:30	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<5.0	5.0
179601-23-1	Xylene, Meta + Para	<10	10
95-47-6	Xylene, Ortho	<5.0	5.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*102*	*85-118*
1,2-Dichloroethane-d4	*110*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-37s**	Sampled:	03/26/15 11:30		
Lab Sample ID:	**1503403-12**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	5	Analyzed:	03/31/15 19:59	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<100	100
107-13-1	Acrylonitrile	<10	10
71-43-2	Benzene	<5.0	5.0
108-86-1	Bromobenzene	<5.0	5.0
74-97-5	Bromochloromethane	<5.0	5.0
75-27-4	Bromodichloromethane	<5.0	5.0
75-25-2	Bromoform	<5.0	5.0
74-83-9	Bromomethane	<25	25
*104-51-8	n-Butylbenzene	<5.0	5.0
135-98-8	sec-Butylbenzene	<5.0	5.0
98-06-6	tert-Butylbenzene	<5.0	5.0
75-15-0	Carbon Disulfide	<5.0	5.0
56-23-5	Carbon Tetrachloride	<5.0	5.0
108-90-7	Chlorobenzene	<5.0	5.0
75-00-3	Chloroethane	<25	25
67-66-3	Chloroform	<5.0	5.0
74-87-3	Chloromethane	<25	25
96-12-8	1,2-Dibromo-3-chloropropane	<25	25
124-48-1	Dibromochloromethane	<5.0	5.0
106-93-4	1,2-Dibromoethane	<5.0	5.0
74-95-3	Dibromomethane	<5.0	5.0
110-57-6	trans-1,4-Dichloro-2-butene	<5.0	5.0
95-50-1	1,2-Dichlorobenzene	<5.0	5.0
541-73-1	1,3-Dichlorobenzene	<5.0	5.0
106-46-7	1,4-Dichlorobenzene	<5.0	5.0
*75-71-8	Dichlorodifluoromethane	<25	25
75-34-3	1,1-Dichloroethane	<5.0	5.0
107-06-2	1,2-Dichloroethane	<5.0	5.0
75-35-4	1,1-Dichloroethene	<5.0	5.0
156-59-2	cis-1,2-Dichloroethene	<5.0	5.0
156-60-5	trans-1,2-Dichloroethene	<5.0	5.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-37s**	Sampled:	03/26/15 11:30		
Lab Sample ID:	**1503403-12**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	5	Analyzed:	03/31/15 19:59	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<5.0	5.0
10061-01-5	cis-1,3-Dichloropropene	<5.0	5.0
10061-02-6	trans-1,3-Dichloropropene	<5.0	5.0
100-41-4	Ethylbenzene	<5.0	5.0
60-29-7	Ethyl Ether	<25	25
591-78-6	2-Hexanone	<25	25
74-88-4	Iodomethane	<5.0	5.0
98-82-8	Isopropylbenzene	<5.0	5.0
99-87-6	4-Isopropyltoluene	<25	25
1634-04-4	Methyl tert-Butyl Ether	<25	25
75-09-2	Methylene Chloride	<25	25
78-93-3	2-Butanone (MEK)	<25	25
91-57-6	2-Methylnaphthalene	<25	25
108-10-1	4-Methyl-2-pentanone (MIBK)	<25	25
91-20-3	Naphthalene	<25	25
103-65-1	n-Propylbenzene	<5.0	5.0
100-42-5	Styrene	<5.0	5.0
630-20-6	1,1,1,2-Tetrachloroethane	<5.0	5.0
79-34-5	1,1,2,2-Tetrachloroethane	<5.0	5.0
127-18-4	Tetrachloroethene	<5.0	5.0
*109-99-9	Tetrahydrofuran	<25	25
108-88-3	Toluene	<5.0	5.0
87-61-6	1,2,3-Trichlorobenzene	<25	25
120-82-1	1,2,4-Trichlorobenzene	<25	25
71-55-6	1,1,1-Trichloroethane	<5.0	5.0
79-00-5	1,1,2-Trichloroethane	<5.0	5.0
79-01-6	Trichloroethene	**580**	5.0
*75-69-4	Trichlorofluoromethane	<5.0	5.0
96-18-4	1,2,3-Trichloropropane	<5.0	5.0
95-63-6	1,2,4-Trimethylbenzene	<5.0	5.0
108-67-8	1,3,5-Trimethylbenzene	<5.0	5.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-37s**	Sampled:	03/26/15 11:30
Lab Sample ID:	**1503403-12**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/27/15 17:00
Unit:	ug/L	Prepared:	03/31/15 11:00 By: BAG
Dilution Factor:	5	Analyzed:	03/31/15 19:59 By: BAG
QC Batch:	1502902	Analytical Batch:	5D01004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<5.0	5.0
179601-23-1	Xylene, Meta + Para	<10	10
95-47-6	Xylene, Ortho	<5.0	5.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*101*	*85-118*
1,2-Dichloroethane-d4	*111*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-09s**	Sampled:	03/26/15 12:45		
Lab Sample ID:	**1503403-13**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	5	Analyzed:	03/31/15 20:28	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<100	100
107-13-1	Acrylonitrile	<10	10
71-43-2	Benzene	<5.0	5.0
108-86-1	Bromobenzene	<5.0	5.0
74-97-5	Bromochloromethane	<5.0	5.0
75-27-4	Bromodichloromethane	<5.0	5.0
75-25-2	Bromoform	<5.0	5.0
74-83-9	Bromomethane	<25	25
*104-51-8	n-Butylbenzene	<5.0	5.0
135-98-8	sec-Butylbenzene	<5.0	5.0
98-06-6	tert-Butylbenzene	<5.0	5.0
75-15-0	Carbon Disulfide	<5.0	5.0
56-23-5	Carbon Tetrachloride	<5.0	5.0
108-90-7	Chlorobenzene	<5.0	5.0
75-00-3	Chloroethane	<25	25
67-66-3	Chloroform	<5.0	5.0
74-87-3	Chloromethane	<25	25
96-12-8	1,2-Dibromo-3-chloropropane	<25	25
124-48-1	Dibromochloromethane	<5.0	5.0
106-93-4	1,2-Dibromoethane	<5.0	5.0
74-95-3	Dibromomethane	<5.0	5.0
110-57-6	trans-1,4-Dichloro-2-butene	<5.0	5.0
95-50-1	1,2-Dichlorobenzene	<5.0	5.0
541-73-1	1,3-Dichlorobenzene	<5.0	5.0
106-46-7	1,4-Dichlorobenzene	<5.0	5.0
*75-71-8	Dichlorodifluoromethane	<25	25
75-34-3	1,1-Dichloroethane	<5.0	5.0
107-06-2	1,2-Dichloroethane	<5.0	5.0
75-35-4	1,1-Dichloroethene	**6.4**	5.0
156-59-2	cis-1,2-Dichloroethene	<5.0	5.0
156-60-5	trans-1,2-Dichloroethene	<5.0	5.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-09s**	Sampled:	03/26/15 12:45		
Lab Sample ID:	**1503403-13**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	5	Analyzed:	03/31/15 20:28	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<5.0	5.0
10061-01-5	cis-1,3-Dichloropropene	<5.0	5.0
10061-02-6	trans-1,3-Dichloropropene	<5.0	5.0
100-41-4	Ethylbenzene	<5.0	5.0
60-29-7	Ethyl Ether	<25	25
591-78-6	2-Hexanone	<25	25
74-88-4	Iodomethane	<5.0	5.0
98-82-8	Isopropylbenzene	<5.0	5.0
99-87-6	4-Isopropyltoluene	<25	25
1634-04-4	Methyl tert-Butyl Ether	<25	25
75-09-2	Methylene Chloride	<25	25
78-93-3	2-Butanone (MEK)	<25	25
91-57-6	2-Methylnaphthalene	<25	25
108-10-1	4-Methyl-2-pentanone (MIBK)	<25	25
91-20-3	Naphthalene	<25	25
103-65-1	n-Propylbenzene	<5.0	5.0
100-42-5	Styrene	<5.0	5.0
630-20-6	1,1,1,2-Tetrachloroethane	<5.0	5.0
79-34-5	1,1,2,2-Tetrachloroethane	<5.0	5.0
127-18-4	Tetrachloroethene	**21**	5.0
*109-99-9	Tetrahydrofuran	<25	25
108-88-3	Toluene	<5.0	5.0
87-61-6	1,2,3-Trichlorobenzene	<25	25
120-82-1	1,2,4-Trichlorobenzene	<25	25
71-55-6	1,1,1-Trichloroethane	**830**	5.0
79-00-5	1,1,2-Trichloroethane	<5.0	5.0
79-01-6	Trichloroethene	**520**	5.0
*75-69-4	Trichlorofluoromethane	<5.0	5.0
96-18-4	1,2,3-Trichloropropane	<5.0	5.0
95-63-6	1,2,4-Trimethylbenzene	<5.0	5.0
108-67-8	1,3,5-Trimethylbenzene	<5.0	5.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-09s**	Sampled:	03/26/15 12:45		
Lab Sample ID:	**1503403-13**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	5	Analyzed:	03/31/15 20:28	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<5.0	5.0
179601-23-1	Xylene, Meta + Para	<10	10
95-47-6	Xylene, Ortho	<5.0	5.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*104*	*85-118*
1,2-Dichloroethane-d4	*111*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-09i**	Sampled:	03/26/15 13:45		
Lab Sample ID:	**1503403-14**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 20:56	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
*104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
*75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	**7.3**	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	**30**	1.0
156-60-5	trans-1,2-Dichloroethene	**5.0**	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-09i**	Sampled:	03/26/15 13:45		
Lab Sample ID:	**1503403-14**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 20:56	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
*109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	**5.7**	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	**4.1**	1.0
*75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**SS-09i**	Sampled:	03/26/15 13:45
Lab Sample ID:	**1503403-14**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/27/15 17:00
Unit:	ug/L	Prepared:	03/31/15 11:00 By: BAG
Dilution Factor:	1	Analyzed:	03/31/15 20:56 By: BAG
QC Batch:	1502902	Analytical Batch:	5D01004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*103*	*85-118*
1,2-Dichloroethane-d4	*111*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*101*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-10s**	Sampled:	03/26/15 14:35		
Lab Sample ID:	**1503403-15**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	5	Analyzed:	03/31/15 21:25	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<100	100
107-13-1	Acrylonitrile	<10	10
71-43-2	Benzene	<5.0	5.0
108-86-1	Bromobenzene	<5.0	5.0
74-97-5	Bromochloromethane	<5.0	5.0
75-27-4	Bromodichloromethane	<5.0	5.0
75-25-2	Bromoform	<5.0	5.0
74-83-9	Bromomethane	<25	25
*104-51-8	n-Butylbenzene	<5.0	5.0
135-98-8	sec-Butylbenzene	<5.0	5.0
98-06-6	tert-Butylbenzene	<5.0	5.0
75-15-0	Carbon Disulfide	<5.0	5.0
56-23-5	Carbon Tetrachloride	<5.0	5.0
108-90-7	Chlorobenzene	<5.0	5.0
75-00-3	Chloroethane	<25	25
67-66-3	Chloroform	<5.0	5.0
74-87-3	Chloromethane	<25	25
96-12-8	1,2-Dibromo-3-chloropropane	<25	25
124-48-1	Dibromochloromethane	<5.0	5.0
106-93-4	1,2-Dibromoethane	<5.0	5.0
74-95-3	Dibromomethane	<5.0	5.0
110-57-6	trans-1,4-Dichloro-2-butene	<5.0	5.0
95-50-1	1,2-Dichlorobenzene	<5.0	5.0
541-73-1	1,3-Dichlorobenzene	<5.0	5.0
106-46-7	1,4-Dichlorobenzene	<5.0	5.0
*75-71-8	Dichlorodifluoromethane	<25	25
75-34-3	1,1-Dichloroethane	<5.0	5.0
107-06-2	1,2-Dichloroethane	<5.0	5.0
75-35-4	1,1-Dichloroethene	<5.0	5.0
156-59-2	cis-1,2-Dichloroethene	<5.0	5.0
156-60-5	trans-1,2-Dichloroethene	<5.0	5.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-10s**	Sampled:	03/26/15 14:35		
Lab Sample ID:	**1503403-15**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	5	Analyzed:	03/31/15 21:25	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<5.0	5.0
10061-01-5	cis-1,3-Dichloropropene	<5.0	5.0
10061-02-6	trans-1,3-Dichloropropene	<5.0	5.0
100-41-4	Ethylbenzene	<5.0	5.0
60-29-7	Ethyl Ether	<25	25
591-78-6	2-Hexanone	<25	25
74-88-4	Iodomethane	<5.0	5.0
98-82-8	Isopropylbenzene	<5.0	5.0
99-87-6	4-Isopropyltoluene	<25	25
1634-04-4	Methyl tert-Butyl Ether	<25	25
75-09-2	Methylene Chloride	<25	25
78-93-3	2-Butanone (MEK)	<25	25
91-57-6	2-Methylnaphthalene	<25	25
108-10-1	4-Methyl-2-pentanone (MIBK)	<25	25
91-20-3	Naphthalene	<25	25
103-65-1	n-Propylbenzene	<5.0	5.0
100-42-5	Styrene	<5.0	5.0
630-20-6	1,1,1,2-Tetrachloroethane	<5.0	5.0
79-34-5	1,1,2,2-Tetrachloroethane	<5.0	5.0
127-18-4	Tetrachloroethene	<5.0	5.0
*109-99-9	Tetrahydrofuran	<25	25
108-88-3	Toluene	<5.0	5.0
87-61-6	1,2,3-Trichlorobenzene	<25	25
120-82-1	1,2,4-Trichlorobenzene	<25	25
71-55-6	1,1,1-Trichloroethane	**82**	5.0
79-00-5	1,1,2-Trichloroethane	<5.0	5.0
79-01-6	Trichloroethene	**610**	5.0
*75-69-4	Trichlorofluoromethane	<5.0	5.0
96-18-4	1,2,3-Trichloropropane	<5.0	5.0
95-63-6	1,2,4-Trimethylbenzene	<5.0	5.0
108-67-8	1,3,5-Trimethylbenzene	<5.0	5.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-10s**	Sampled:	03/26/15 14:35		
Lab Sample ID:	**1503403-15**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	5	Analyzed:	03/31/15 21:25	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<5.0	5.0
179601-23-1	Xylene, Meta + Para	<10	10
95-47-6	Xylene, Ortho	<5.0	5.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*102*	*85-118*
1,2-Dichloroethane-d4	*110*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-10i**	Sampled:	03/26/15 15:22		
Lab Sample ID:	**1503403-16**	Sampled By:	C.Gregg		
Matrix:	Water	Received:	03/27/15 17:00		
Unit:	ug/L	Prepared:	03/31/15 11:00	By:	BAG
Dilution Factor:	1	Analyzed:	03/31/15 21:53	By:	BAG
QC Batch:	1502902	Analytical Batch:	5D01004		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
*104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
*75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	**7.1**	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	**23**	1.0
156-60-5	trans-1,2-Dichloroethene	**1.9**	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**SS-10i**	Sampled:	03/26/15 15:22
Lab Sample ID:	**1503403-16**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/27/15 17:00
Unit:	ug/L	Prepared:	03/31/15 11:00 By: BAG
Dilution Factor:	1	Analyzed:	03/31/15 21:53 By: BAG
QC Batch:	1502902	Analytical Batch:	5D01004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
*109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	**48**	1.0
*75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1503403**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**SS-10i**	Sampled:	03/26/15 15:22
Lab Sample ID:	**1503403-16**	Sampled By:	C.Gregg
Matrix:	Water	Received:	03/27/15 17:00
Unit:	ug/L	Prepared:	03/31/15 11:00 By: BAG
Dilution Factor:	1	Analyzed:	03/31/15 21:53 By: BAG
QC Batch:	1502902	Analytical Batch:	5D01004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*101*	*85-118*
1,2-Dichloroethane-d4	*110*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*101*	*82-110*

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1502029 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank Analyzed: 03/05/2015 By: DLV
Unit: ug/L Analytical Batch: 5C09012

Acetone	<20	--	20
Acrylonitrile	<2.0		2.0
Benzene	<1.0		1.0
Bromobenzene	<1.0	--	1.0
Bromochloromethane	<1.0		1.0
Bromodichloromethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<5.0	--	5.0
n-Butylbenzene	<1.0	--	1.0
sec-Butylbenzene	<1.0	--	1.0
tert-Butylbenzene	<1.0	--	1.0
Carbon Disulfide	<1.0	--	1.0
Carbon Tetrachloride	<1.0		1.0
Chlorobenzene	<1.0	--	1.0
Chloroethane	<5.0		5.0
Chloroform	<1.0		1.0
Chloromethane	<5.0		5.0
1,2-Dibromo-3-chloropropane	<5.0		5.0
Dibromochloromethane	<1.0		1.0
1,2-Dibromoethane	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<1.0		1.0
1,2-Dichlorobenzene	<1.0	--	1.0
1,3-Dichlorobenzene	<1.0	--	1.0
1,4-Dichlorobenzene	<1.0	--	1.0
Dichlorodifluoromethane	<5.0		5.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0	--	1.0
Ethyl Ether	<5.0		5.0

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Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1502029 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 03/05/2015 By: DLV
Unit: ug/L Analytical Batch: 5C09012

2-Hexanone	<5.0		5.0
Iodomethane	<1.0		1.0
Isopropylbenzene	<1.0	--	1.0
4-Isopropyltoluene	<5.0	--	5.0
Methyl tert-Butyl Ether	<5.0		5.0
Methylene Chloride	<5.0		5.0
2-Butanone (MEK)	<5.0		5.0
2-Methylnaphthalene	<5.0		5.0
4-Methyl-2-pentanone (MIBK)	<5.0	--	5.0
Naphthalene	<5.0		5.0
n-Propylbenzene	<1.0	--	1.0
Styrene	<1.0	--	1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0	--	1.0
Tetrahydrofuran	<5.0		5.0
Toluene	<1.0	--	1.0
1,2,3-Trichlorobenzene	<5.0	--	5.0
1,2,4-Trichlorobenzene	<5.0		5.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
1,2,4-Trimethylbenzene	<1.0	--	1.0
1,3,5-Trimethylbenzene	<1.0	--	1.0
Vinyl Chloride	<1.0		1.0
Xylene, Meta + Para	<2.0	--	2.0
Xylene, Ortho	<1.0		1.0

Surrogates:

Dibromofluoromethane	*99*	*85-118*
1,2-Dichloroethane-d4	*100*	*87-122*
Toluene-d8	*97*	*85-113*

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

QC Batch: 1502029 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 03/05/2015 By: DLV
Unit: ug/L Analytical Batch: 5C09012

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Surrogates (Continued):								
4-Bromofluorobenzene				*95*	*82-110*			

Laboratory Control Sample Analyzed: 03/05/2015 By: DLV
Unit: ug/L Analytical Batch: 5C09012

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene		40.0	**41.5**	104	84-119	--		1.0
Chlorobenzene		40.0	**41.8**	104	84-118	--		1.0
1,1-Dichloroethene		40.0	**40.9**	102	77-123	--		1.0
Toluene		40.0	**41.7**	104	85-118	--		1.0
Trichloroethene		40.0	**42.5**	106	82-119	--		1.0
Surrogates:								
Dibromofluoromethane				*99*	*85-118*			
1,2-Dichloroethane-d4				*97*	*87-122*			
Toluene-d8				*99*	*85-113*			
4-Bromofluorobenzene				*102*	*82-110*			

Matrix Spike 1503005-03 NS-18s Analyzed: 03/06/2015 By: DLV
Unit: ug/L Analytical Batch: 5C09012

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene	<10	400	**461**	115	80-129	--		10
Chlorobenzene	<10	400	**408**	102	80-121	--		10
1,1-Dichloroethene	4.40	400	**453**	112	74-134	--		10
Toluene	<10	400	**453**	113	79-129	--		10
Trichloroethene	1110	400	**1540**	106	75-127	--		10
Surrogates:								
Dibromofluoromethane				*102*	*85-118*			
1,2-Dichloroethane-d4				*101*	*87-122*			
Toluene-d8				*102*	*85-113*			
4-Bromofluorobenzene				*103*	*82-110*			

Matrix Spike Duplicate 1503005-03 NS-18s Analyzed: 03/06/2015 By: DLV
Unit: ug/L Analytical Batch: 5C09012

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene	<10	400	**446**	111	80-129	3	9	10

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Volatile Organic Compounds by EPA Method 8260B (Continued)

QC Batch: 1502029 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Matrix Spike Duplicate (Continued) 1503005-03 NS-18s — Analyzed: 03/06/2015 By: DLV
Unit: ug/L — Analytical Batch: 5C09012

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Chlorobenzene	<10	400	**398**	100	80-121	2	8	10
1,1-Dichloroethene	4.40	400	**426**	105	74-134	6	11	10
Toluene	<10	400	**435**	109	79-129	4	9	10
Trichloroethene	1110	400	**1480**	92	75-127	4	10	10
Surrogates:								
Dibromofluoromethane				*99*	*85-118*			
1,2-Dichloroethane-d4				*100*	*87-122*			
Toluene-d8				*103*	*85-113*			
4-Bromofluorobenzene				*104*	*82-110*			

QC Batch: 1502037 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank — Analyzed: 03/09/2015 By: DLV
Unit: ug/L — Analytical Batch: 5C09020

Acetone	<20	--	20
Acrylonitrile	<2.0		2.0
Benzene	<1.0		1.0
Bromobenzene	<1.0		1.0
Bromochloromethane	<1.0		1.0
Bromodichloromethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<5.0	--	5.0
n-Butylbenzene	<1.0	--	1.0
sec-Butylbenzene	<1.0	--	1.0
tert-Butylbenzene	<1.0	--	1.0
Carbon Disulfide	<1.0	--	1.0
Carbon Tetrachloride	<1.0		1.0
Chlorobenzene	<1.0	--	1.0
Chloroethane	<5.0		5.0
Chloroform	<1.0		1.0
Chloromethane	<5.0		5.0
1,2-Dibromo-3-chloropropane	<5.0		5.0
Dibromochloromethane	<1.0		1.0
1,2-Dibromoethane	<1.0		1.0

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Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1502037 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 03/09/2015 By: DLV
Unit: ug/L Analytical Batch: 5C09020

Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<1.0		1.0
1,2-Dichlorobenzene	<1.0	--	1.0
1,3-Dichlorobenzene	<1.0	--	1.0
1,4-Dichlorobenzene	<1.0	--	1.0
Dichlorodifluoromethane	<5.0		5.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0	--	1.0
Ethyl Ether	<5.0		5.0
2-Hexanone	<5.0		5.0
Iodomethane	<1.0		1.0
Isopropylbenzene	<1.0	--	1.0
4-Isopropyltoluene	<5.0	--	5.0
Methyl tert-Butyl Ether	<5.0		5.0
Methylene Chloride	<5.0		5.0
2-Butanone (MEK)	<5.0		5.0
2-Methylnaphthalene	<5.0		5.0
4-Methyl-2-pentanone (MIBK)	<5.0	--	5.0
Naphthalene	<5.0		5.0
n-Propylbenzene	<1.0		1.0
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Tetrahydrofuran	<5.0		5.0
Toluene	<1.0	--	1.0
1,2,3-Trichlorobenzene	<5.0	--	5.0
1,2,4-Trichlorobenzene	<5.0	--	5.0
1,1,1-Trichloroethane	<1.0		1.0

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1502037 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 03/09/2015 By: DLV
Unit: ug/L Analytical Batch: 5C09020

1,1,2-Trichloroethane			<1.0				1.0
Trichloroethene			<1.0				1.0
Trichlorofluoromethane			<1.0				1.0
1,2,3-Trichloropropane			<1.0				1.0
1,2,4-Trimethylbenzene			<1.0			--	1.0
1,3,5-Trimethylbenzene			<1.0			--	1.0
Vinyl Chloride			<1.0				1.0
Xylene, Meta + Para			<2.0			--	2.0
Xylene, Ortho			<1.0				1.0
Surrogates:							
Dibromofluoromethane				*103*	*85-118*		
1,2-Dichloroethane-d4				*105*	*87-122*		
Toluene-d8				*104*	*85-113*		
4-Bromofluorobenzene				*97*	*82-110*		

Laboratory Control Sample Analyzed: 03/09/2015 By: DLV
Unit: ug/L Analytical Batch: 5C09020

Benzene	40.0	**44.7**		112	84-119	--	1.0
Chlorobenzene	40.0	**39.5**		99	84-118	--	1.0
1,1-Dichloroethene	40.0	**42.1**		105	77-123	--	1.0
Toluene	40.0	**44.9**		112	85-118	--	1.0
Trichloroethene	40.0	**44.7**		112	82-119	--	1.0
Surrogates:							
Dibromofluoromethane				*102*	*85-118*		
1,2-Dichloroethane-d4				*97*	*87-122*		
Toluene-d8				*106*	*85-113*		
4-Bromofluorobenzene				*104*	*82-110*		

QC Batch: 1502883 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank Analyzed: 03/31/2015 By: BAG
Unit: ug/L Analytical Batch: 5C31031

Acetone			<20			--	20

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Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1502883 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 03/31/2015 By: BAG
Unit: ug/L Analytical Batch: 5C31031

Acrylonitrile	<2.0		2.0
Benzene	<1.0		1.0
Bromobenzene	<1.0	--	1.0
Bromochloromethane	<1.0		1.0
Bromodichloromethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<5.0		5.0
n-Butylbenzene	<1.0		1.0
sec-Butylbenzene	<1.0		1.0
tert-Butylbenzene	<1.0		1.0
Carbon Disulfide	<1.0	--	1.0
Carbon Tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<5.0		5.0
Chloroform	<1.0		1.0
Chloromethane	<5.0		5.0
1,2-Dibromo-3-chloropropane	<5.0		5.0
Dibromochloromethane	<1.0		1.0
1,2-Dibromoethane	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<1.0		1.0
1,2-Dichlorobenzene	<1.0		1.0
1,3-Dichlorobenzene	<1.0	--	1.0
1,4-Dichlorobenzene	<1.0	--	1.0
Dichlorodifluoromethane	<5.0		5.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl Ether	<5.0		5.0
2-Hexanone	<5.0		5.0

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Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1502883 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 03/31/2015 By: BAG

Unit: ug/L Analytical Batch: 5C31031

Iodomethane			<1.0				1.0
Isopropylbenzene			<1.0				1.0
4-Isopropyltoluene			<5.0				5.0
Methyl tert-Butyl Ether			<5.0				5.0
Methylene Chloride			<5.0				5.0
2-Butanone (MEK)			<5.0				5.0
2-Methylnaphthalene			**5.0**			--	5.0
4-Methyl-2-pentanone (MIBK)			<5.0			--	5.0
Naphthalene			<5.0			--	5.0
n-Propylbenzene			<1.0				1.0
Styrene			<1.0				1.0
1,1,1,2-Tetrachloroethane			<1.0				1.0
1,1,2,2-Tetrachloroethane			<1.0				1.0
Tetrachloroethene			<1.0				1.0
Tetrahydrofuran			<5.0				5.0
Toluene			<1.0				1.0
1,2,3-Trichlorobenzene			<5.0			--	5.0
1,2,4-Trichlorobenzene			<5.0			--	5.0
1,1,1-Trichloroethane			<1.0				1.0
1,1,2-Trichloroethane			<1.0				1.0
Trichloroethene			<1.0				1.0
Trichlorofluoromethane			<1.0				1.0
1,2,3-Trichloropropane			<1.0				1.0
1,2,4-Trimethylbenzene			<1.0				1.0
1,3,5-Trimethylbenzene			<1.0				1.0
Vinyl Chloride			<1.0				1.0
Xylene, Meta + Para			<2.0				2.0
Xylene, Ortho			<1.0				1.0
Surrogates:							
Dibromofluoromethane				*101*	*85-118*		
1,2-Dichloroethane-d4				*104*	*87-122*		
Toluene-d8				*100*	*85-113*		
4-Bromofluorobenzene				*100*	*82-110*		

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

QC Batch: 1502883 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Laboratory Control Sample Analyzed: 03/30/2015 By: BAG
Unit: ug/L Analytical Batch: 5C31031

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene		40.0	**43.7**	109	84-119	--		1.0
Chlorobenzene		40.0	**42.2**	105	84-118	--		1.0
1,1-Dichloroethene		40.0	**46.3**	116	77-123	--		1.0
Toluene		40.0	**43.0**	107	85-118	--		1.0
Trichloroethene		40.0	**43.3**	108	82-119	--		1.0
Surrogates:								
Dibromofluoromethane				*101*	*85-118*			
1,2-Dichloroethane-d4				*103*	*87-122*			
Toluene-d8				*102*	*85-113*			
4-Bromofluorobenzene				*101*	*82-110*			

Matrix Spike 1503376-04 MW-31 Analyzed: 03/31/2015 By: BAG
Unit: ug/L Analytical Batch: 5C31031

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene	<2.5	100	**105**	105	80-129	--		2.5
Chlorobenzene	<2.5	100	**98.8**	99	80-121	--		2.5
1,1-Dichloroethene	0.575	100	**110**	109	74-134	--		2.5
Toluene	<2.5	100	**102**	102	79-129	--		2.5
Trichloroethene	339	100	**429**	90	75-127	--		2.5
Surrogates:								
Dibromofluoromethane				*103*	*85-118*			
1,2-Dichloroethane-d4				*110*	*87-122*			
Toluene-d8				*100*	*85-113*			
4-Bromofluorobenzene				*105*	*82-110*			

Matrix Spike Duplicate 1503376-04 MW-31 Analyzed: 03/31/2015 By: BAG
Unit: ug/L Analytical Batch: 5C31031

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene	<2.5	100	**105**	105	80-129	0.4	9	2.5
Chlorobenzene	<2.5	100	**99.2**	99	80-121	0.5	8	2.5
1,1-Dichloroethene	0.575	100	**114**	113	74-134	4	11	2.5
Toluene	<2.5	100	**102**	102	79-129	0.5	9	2.5

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Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1502883 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B								
Matrix Spike Duplicate (Continued) 1503376-04 MW-31					Analyzed:	03/31/2015	By: BAG	
Unit: ug/L					Analytical Batch:	5C31031		
Trichloroethene	339	100	**431**	92	75-127	0.5	10	2.5
Surrogates:								
Dibromofluoromethane				*102*	*85-118*			
1,2-Dichloroethane-d4				*108*	*87-122*			
Toluene-d8				*100*	*85-113*			
4-Bromofluorobenzene				*103*	*82-110*			

QC Batch: 1502902 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank		Analyzed:	03/31/2015	By: BAG
Unit: ug/L		Analytical Batch:	5D01004	
Acetone	<20	--	20	
Acrylonitrile	<2.0		2.0	
Benzene	<1.0		1.0	
Bromobenzene	<1.0	--	1.0	
Bromochloromethane	<1.0		1.0	
Bromodichloromethane	<1.0		1.0	
Bromoform	<1.0		1.0	
Bromomethane	<5.0		5.0	
n-Butylbenzene	<1.0		1.0	
sec-Butylbenzene	<1.0		1.0	
tert-Butylbenzene	<1.0		1.0	
Carbon Disulfide	<1.0	--	1.0	
Carbon Tetrachloride	<1.0		1.0	
Chlorobenzene	<1.0		1.0	
Chloroethane	<5.0		5.0	
Chloroform	<1.0		1.0	
Chloromethane	<5.0		5.0	
1,2-Dibromo-3-chloropropane	<5.0		5.0	
Dibromochloromethane	<1.0		1.0	
1,2-Dibromoethane	<1.0		1.0	
Dibromomethane	<1.0		1.0	
trans-1,4-Dichloro-2-butene	<1.0		1.0	
1,2-Dichlorobenzene	<1.0		1.0	

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Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1502902 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 03/31/2015 By: BAG
Unit: ug/L Analytical Batch: 5D01004

1,3-Dichlorobenzene	<1.0	--	1.0
1,4-Dichlorobenzene	<1.0	--	1.0
Dichlorodifluoromethane	<5.0		5.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl Ether	<5.0		5.0
2-Hexanone	<5.0		5.0
Iodomethane	<1.0		1.0
Isopropylbenzene	<1.0		1.0
4-Isopropyltoluene	<5.0		5.0
Methyl tert-Butyl Ether	<5.0		5.0
Methylene Chloride	<5.0		5.0
2-Butanone (MEK)	<5.0		5.0
2-Methylnaphthalene	**5.2**	--	5.0
4-Methyl-2-pentanone (MIBK)	<5.0	--	5.0
Naphthalene	<5.0	--	5.0
n-Propylbenzene	<1.0		1.0
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Tetrahydrofuran	<5.0		5.0
Toluene	<1.0		1.0
1,2,3-Trichlorobenzene	<5.0	--	5.0
1,2,4-Trichlorobenzene	<5.0		5.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1502902 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B								
Method Blank (Continued)					Analyzed:		03/31/2015	By: BAG
Unit: ug/L					Analytical Batch:		5D01004	
1,2,3-Trichloropropane			<1.0				1.0	
1,2,4-Trimethylbenzene			<1.0				1.0	
1,3,5-Trimethylbenzene			<1.0				1.0	
Vinyl Chloride			<1.0				1.0	
Xylene, Meta + Para			<2.0				2.0	
Xylene, Ortho			<1.0				1.0	
Surrogates:								
Dibromofluoromethane				*102*	*85-118*			
1,2-Dichloroethane-d4				*109*	*87-122*			
Toluene-d8				*100*	*85-113*			
4-Bromofluorobenzene				*100*	*82-110*			
Laboratory Control Sample					Analyzed:		03/31/2015	By: BAG
Unit: ug/L					Analytical Batch:		5D01004	
Benzene		40.0	**40.6**	101	84-119	--	1.0	
Chlorobenzene		40.0	**38.8**	97	84-118	--	1.0	
1,1-Dichloroethene		40.0	**42.3**	106	77-123	--	1.0	
Toluene		40.0	**39.4**	98	85-118	--	1.0	
Trichloroethene		40.0	**38.3**	96	82-119	--	1.0	
Surrogates:								
Dibromofluoromethane				*103*	*85-118*			
1,2-Dichloroethane-d4				*108*	*87-122*			
Toluene-d8				*101*	*85-113*			
4-Bromofluorobenzene				*103*	*82-110*			
Matrix Spike 1503376-16 MW-34d					Analyzed:		03/31/2015	By: BAG
Unit: ug/L					Analytical Batch:		5D01004	
Benzene	<1.0	40.0	**42.3**	106	80-129	--	1.0	
Chlorobenzene	<1.0	40.0	**40.0**	100	80-121	--	1.0	
1,1-Dichloroethene	<1.0	40.0	**46.5**	116	74-134	--	1.0	

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

QC Batch: 1502902 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Matrix Spike (Continued) 1503376-16 MW-34d — Analyzed: 03/31/2015 By: BAG
Unit: ug/L — Analytical Batch: 5D01004

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Toluene	<1.0	40.0	**41.6**	104	79-129	--		1.0
Trichloroethene	0.640	40.0	**40.4**	99	75-127	--		1.0
Surrogates:								
Dibromofluoromethane				*104*	*85-118*			
1,2-Dichloroethane-d4				*110*	*87-122*			
Toluene-d8				*101*	*85-113*			
4-Bromofluorobenzene				*104*	*82-110*			

Matrix Spike Duplicate 1503376-16 MW-34d — Analyzed: 03/31/2015 By: BAG
Unit: ug/L — Analytical Batch: 5D01004

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene	<1.0	40.0	**44.0**	110	80-129	4	9	1.0
Chlorobenzene	<1.0	40.0	**41.8**	104	80-121	4	8	1.0
1,1-Dichloroethene	<1.0	40.0	**48.6**	122	74-134	4	11	1.0
Toluene	<1.0	40.0	**43.3**	108	79-129	4	9	1.0
Trichloroethene	0.640	40.0	**42.1**	104	75-127	4	10	1.0
Surrogates:								
Dibromofluoromethane				*104*	*85-118*			
1,2-Dichloroethane-d4				*109*	*87-122*			
Toluene-d8				*102*	*85-113*			
4-Bromofluorobenzene				*104*	*82-110*			

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Individual sample results relate only to the sample tested.
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www.trimatrixlabs.com

Chain of Custody Record

COC No. 148117

Pg. 1 of 2

For Lab Use Only

Cart: —

VOA Rack/Tray: 318G

Receipt Log No.: 9.13

Project Chemist:

Work Order No.: 1503005

Client Name: TRC

Address: 1540 Eisenhower Place

City, State Zip: Ann Arbor MI 48108

Phone/Fax: 734 971 7080 734 971 9022

Email:

Project Name: T.P.C.

Client Project No. / P.O. No.: 004304.0001.0000

Invoice To: ☒ Client ☐ Other (comments)

Contact/Report To: Stacy Mcb

Analyses Requested

Container Type (corresponds to Container Packing List): E

VOC 8260

Number of Containers Submitted

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number		Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Total	Sample Comments
X	X	X	1	Trip Blank #01						DI X	1	Foze/broke
01		01	2	NS-18D		2/24/15	1230			+ w +	2	
		02	3	NS-18I		2/24/15	1408			+ w +	2	
		03	4	NS-18S		2/24/15	1530			+ w +	2	
		04	5	MW 32D		2/25/15	0905			+ w +	2	
		05	6	Dup #01		2/25/15	—			+ w +	2	
		06	7	NS-20I		2/25/15	1025			+ w +	2	
		07	8	NS-20S		2/25/15	1145			+ w +	2	
		08	9	NS-19D		2/25/15	1333			+ w +	2	
		09	10	NS-19I		2/25/15	1456			+ w +	2	

Sampled By (print): Javier Jasso

Sampler's Signature: [signature]

Company: TRC

How Shipped? Hand ___ Carrier ___

Tracking No.

Comments

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
[signature]	2/25/15	1730	R. Krumm	2.27.15	12:00	[signature]	2/27/15	1600

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
TASSten	2/25/15	1730	[signature]	2-27-15	1200	[signature]	2-27-15	1600

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Chain of Custody Record

COC No. 148738

Pg. 2 of

For Lab Use Only

Cart: —

VOA Rack/Tray: 318G

Receipt Log No.: 9.13

Project Chemist:

Work Order No.: 1503005

Client Name: TRC

Address: 1544 Eisenhower Pkwy

City, State Zip: Ann Arbor MI 48108

Phone/Fax: 734 971 7080 734 971 9022

Email:

Project Name: TPC

Client Project No. / P.O. No.: 009304.0001000

Invoice To: ☑ Client ☐ Other (comments)

Contact/Report To: Stacy Metz

Analyses Requested

Container Type (corresponds to Container Packing List): VOC 8260 F

Number of Containers Submitted

PRESERVATIVES
A NONE pH<7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	VOC 8260 F	Total	Sample Comments
01		10	NS 195		2/25/15	1325		G	W	1	2	

Sampled By (print): JAYIER JASE

Sampler's Signature:

Company: TRC

How Shipped? Hand ___ Carrier ✓

Tracking No.

Comments

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
[signature]	2/25/15	1730	R. Krumm	2.27.15	12:00	Ray Johnson	2/27/15	1600

1. Received By	Date	Time	2. Received By	Date	Time	3. Received for Lab By	Date	Time
TRC Stover	2/25/15	1730	Ray Johnson	2/27/15	1200	[signature]	2/27/15	1600

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SAMPLE RECEIVING / LOG-IN CHECKLIST

TRIMATRIX LABORATORIES

Client: TRC
Receipt Record Page/Line #: 9.13
Work Order #: 1503005
New / Add To
Project Chemist
Sample #s

Recorded by (initials/date): WC 2.27.15
☑ Cooler ☐ Box ☐ Other
Qty Received: 1
Thermometer Used: ☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#_____)
☐ See Additional Cooler Information Form

Cooler #	Time	Custody Seals	Coolant Type	Coolant Location	Temp Blank Present	If Present, Temperature Blank Location is
Tm0702	1608	☑ None ☐ Present / Intact ☐ Present / Not Intact	☐ Loose Ice ☑ Bagged Ice ☐ Blue Ice ☐ None	Dispersed / (Top) / Middle / Bottom	☐ Yes ☐ No	☐ Representative ☐ Not Representative
		☐ None ☐ Present / Intact ☐ Present / Not Intact	☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None	Dispersed / Top / Middle / Bottom	☐ Yes ☐ No	☐ Representative ☐ Not Representative
		☐ None ☐ Present / Intact ☐ Present / Not Intact	☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None	Dispersed / Top / Middle / Bottom	☐ Yes ☐ No	☐ Representative ☐ Not Representative
		☐ None ☐ Present / Intact ☐ Present / Not Intact	☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None	Dispersed / Top / Middle / Bottom	☐ Yes ☐ No	☐ Representative ☐ Not Representative

	Observed °C	Correction Factor °C	Actual °C
Temp Blank			
Sample 1:	2.2	-	2.2
Sample 2:	2.5	-	2.5
Sample 3:	2.0	-	2.0
3 Sample Average °C:	2.3		

	Observed °C	Correction Factor °C	Actual °C
Temp Blank			
Sample 1:			
Sample 2:			
Sample 3:			
3 Sample Average °C:			

	Observed °C	Correction Factor °C	Actual °C
Temp Blank			
Sample 1:			
Sample 2:			
Sample 3:			
3 Sample Average °C:			

	Observed °C	Correction Factor °C	Actual °C
Temp Blank			
Sample 1:			
Sample 2:			
Sample 3:			
3 Sample Average °C:			

☐ Cooler ID on COC? ☐ VOC Trip Blank received?

If any shaded areas checked, complete Sample Receiving Non-Conformance and/or Inventory Form

Paperwork Received

Yes	No	
☐	☐	Chain of Custody record(s)? If No, Initiated By _____
☐		Received for Lab Signed/Date/Time?
☐	☑	Shipping document?
☐	☑	Other _____

COC Information

☑ TriMatrix COC ☐ Other _____

COC ID Numbers:

Check COC for Accuracy

Yes	No	
☑	☐	Analysis Requested?
☑	☐	Sample ID matches COC?
☑	☐	Sample Date and Time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Check Sample Preservation

N/A	Yes	No	
	☐	☑	Temperature Blank **OR** average sample temperature, ≥6° C?
☑	☐	☑	If either is ≥6° C, was thermal preservation required?
☑	☐		If "Yes", Project Chemist Approval Initials: _____
☑	☐		If "Yes" Completed Non Con Cooler - Cont Inventory Form?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐		Samples chemically preserved correctly?
☑	☐		If "No", added orange tag?
	☐		Received pre-preserved VOC soils?
	☐		MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged containers
☐ Yellow/White-tagged 1 L ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☑ NONE RECEIVED
☐ RECEIVED, COCs TO LAB(S)

Sample Condition Summary

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate or non-TriMatrix containers received?
☐	☐	☑	VOC vials / TOX containers have headspace?
☐	☐	☑	Extra sample locations / containers not listed on COC?

Notes

☐ Trip Blank received ☐ Trip Blank not listed on COC

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
2.27.15 1600	2.27.15 1610	(Yes) / No

TRIMATRIX LABORATORIES

SAMPLE RECEIVING NON-CONFORMANCE REPORT

Client: JRC

Receipt Log #: 9.13

Completed By (initials/date): WC 2.27.15

Work Order #: 1503005

Project Chemist:

List non-conformance issues associated with this work order in the chart below/left. Identify discrepancies between the COC and sample tags in the chart below/right. Add comments as needed.

COC ID #	Line #	Type of Problem										COC					Sample Tag					Line Item Comments
		Discrepancy	Missing Container	Broken Container	Label Missing / Incomplete	Label Illegible	Low Volume	Inappropriate Container	Headspace	Not Listed on COC	Preservation	Sample Field ID	Date Sampled	Time Sampled	Container Type	Qty	Sample Field ID	Date Sampled	Time Sampled	Container Type	Qty	
48117				X								Trip Blank			1	1						(Frozen)

General Comments:

Project Chemist (initials/date)

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Chain of Custody Record

COC No. 150523

Pg. 1 of 2

For Lab Use Only
Cart: —
VOA Rack/Tray: 14, 23A, 24-B
Receipt Log No.: 1-20
Project Chemist: TLR
Work Order No.: 1303376

Client Name: TRC
Address: 1540 Eisenhower Place
City, State Zip: Ann Arbor, MI 48108
Phone/Fax:
Email: smutz@trcsolutions.com

Project Name: TPC
Client Project No. / P.O. No.: 004304.0001
Invoice To: ☒ Client ☐ Other (comments)
Contact/Report To: Stacy Metz

Analyses Requested: VOCs (8260) 0

Container Type (corresponds to Container Packing List): 1

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Number of Containers Submitted	Total	Sample Comments
01		-01	1 MW-40s	3038	03/23/15	0930		X	GW	2	2	
		-02	2 MW-40D			1032		X	GW	2	2	
		-03	3 MW-22			1212		X	GW	2	2	
02		-04	4 MW-31			1335		X	GW	2	2	
			5 MW-31 MS/MSD			1335		X	GW	2	3	
01		-05	6 EB-01			1427		X	DI	2	2	
		-06	7 MW-14D			1608		X	GW	2	2	
		-07	8 DUP-02			—		X	GW	2	2	
03		-08	9 TB-01			—		X	DI	1	1	
			10									

Sampled By (print): Christine Gregg
Sampler's Signature: Christine Gregg
Company: TRC

How Shipped? Hand ___ Carrier X
Tracking No.

Comments

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Christine Gregg	03/23/15	1715	David G Stich	3-25-15	2:07	Ray Johnson	3/25/15	1730

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
TRC Sample Storage	03/23/15	1715	Ray Johnson	3/25/15	1409	[illegible]	3/25/15	1130

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Chain of Custody Record

COC No. 150524

Pg. 2 of 2

For Lab Use Only
Cart: —
VOA Rack/Tray: 74, 354, 24-B
Receipt Log No.: 1-20
Project Chemist:
Work Order No.: 1503376

Client Name: TRC
Address: 1540 Eisenhower Place
City, State Zip: Ann Arbor, MI
Phone/Fax:
Email:

Project Name: TRC
Client Project No. / P.O. No.: 004304.0001
Invoice To: X Client ☐ Other (comments)
Contact/Report To: Stacy Metz

Analyses Requested: VOCs (8260) D

Container Type (corresponds to Container Packing List)

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Number of Containers Submitted	Total	Sample Comments
03		-09	1 TB-02	3038	—	—		X	DI	1	1	
01		-10	2 MW-36D		03/24/15	1005		X	GW	2	2	
		-11	3 MW-39D			1205		X	GW	2	2	
		-12	4 MW-35D			1335		X	GW	2	2	
		-13	5 MW-35I			1424		X	GW	2	2	
		-14	6 MW-25S			1545		X	GW	2	2	
		-15	7 MW-8D			1653		X	GW	2	2	
02		-16	8 MW-34D			1753		X	GW	2	2	
			9 MW-34D MS/MSD			1753		X	GW	3	3	
01		-17	10 SS-10D			1934		X	GW	2	2	

Sampled By (print): Christine Gregg
Sampler's Signature: [signature]
Company: TRC

How Shipped? Hand ___ Carrier X
Tracking No.

Comments

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
[signature]	03/24/15	2115	[signature]	3-25-15	2:06	[signature]	3/25/15	1730

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
TRC Sample Storage	03/24/15	21:15	[signature]	3/25/15	1405	[signature]	3/25/15	1730

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SAMPLE RECEIVING / LOG-IN CHECKLIST

TRIMATRIX LABORATORIES

Client: TRC
Receipt Record Page/Line #: 1-20
Work Order #: 1503376
New / Add To
Project Chemist | Sample #s

Recorded by (initials/date): JN 3/25/15
☑ Cooler ☐ Box ☐ Other
Qty Received: 1
Thermometer Used: ☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#_____)
☐ See Additional Cooler Information Form

Cooler #	Time	Custody Seals	Coolant Type	Coolant Location	Temp Blank Present	If Present, Temperature Blank Location is	3 Sample Average °C	Cooler ID on COC?	VOC Trip Blank received?
1143038	1902	☑ None ☐ Present / Intact ☐ Present / Not Intact	☑ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None	Dispersed / Top / Middle / Bottom	☑ Yes ☐ No	☑ Representative ☐ Not Representative	4.8	☐	☑ (2)
		☐ None ☐ Present / Intact ☐ Present / Not Intact	☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None	Dispersed / Top / Middle / Bottom	☐ Yes ☐ No	☐ Representative ☐ Not Representative		☐	☐
		☐ None ☐ Present / Intact ☐ Present / Not Intact	☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None	Dispersed / Top / Middle / Bottom	☐ Yes ☐ No	☐ Representative ☐ Not Representative		☐	☐
		☐ None ☐ Present / Intact ☐ Present / Not Intact	☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None	Dispersed / Top / Middle / Bottom	☐ Yes ☐ No	☐ Representative ☐ Not Representative		☐	☐

Cooler #	Temp Blank Observed °C	Temp Blank Correction Factor °C	Temp Blank Actual °C	Sample 1 Observed °C	Sample 1 Correction Factor °C	Sample 1 Actual °C	Sample 2 Observed °C	Sample 2 Correction Factor °C	Sample 2 Actual °C	Sample 3 Observed °C	Sample 3 Correction Factor °C	Sample 3 Actual °C
1143038	2.7	0	2.7	4.7	0	4.7	4.3	0	4.3	5.4	0	5.4

If any shaded areas checked, complete Sample Receiving Non-Conformance and/or Inventory Form

Paperwork Received

Yes	No	
☐	☐	Chain of Custody record(s)? If No, Initiated By _____
☑		Received for Lab Signed/Date/Time?
☐	☑	Shipping document?
☐	☐	Other _____

COC Information

☑ TriMatrix COC ☐ Other _____

COC ID Numbers: 150523, 150524

Check COC for Accuracy

Yes	No	
☑	☐	Analysis Requested?
☑	☐	Sample ID matches COC?
☑	☐	Sample Date and Time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Check Sample Preservation

N/A	Yes	No	
	☐	☑	Temperature Blank **OR** average sample temperature, ≥6° C?
☑	☐	☐	If either is ≥6° C, was thermal preservation required?
☑	☐		If "Yes", Project Chemist Approval Initials: _____
☑	☐		If "Yes" Completed Non Con Cooler - Cont Inventory Form?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐	☐	Samples chemically preserved correctly?
☑	☐		If "No", added orange tag?
	☐	☑	Received pre-preserved VOC soils?

☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged containers
☐ Yellow/White-tagged 1 L ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☑ NONE RECEIVED
☐ RECEIVED, COCs TO LAB(S)

Sample Condition Summary

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate or non-TriMatrix containers received?
☐	☐	☑	VOC vials / TOX containers have headspace?
☑	☐	☐	Extra sample locations / containers not listed on COC?

Notes

☑ Trip Blank received ☐ Trip Blank not listed on COC

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
JN 3/25/15	3/25/15	Yes / No

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Chain of Custody Record

COC No. 150525

Pg. 1 of 2

For Lab Use Only
Cart: –
VOA Rack/Tray: 66, 213-W
Receipt Log No.: 5-16
Project Chemist:
Work Order No.: 1503403

Client Name: TRC
Address: 1540 Eisenhower Place
City, State Zip: Ann Arbor, MI 48108
Phone/Fax:
Email:

Project Name: TPC
Client Project No. / P.O. No.: 004304.0001
Invoice To: [X] Client [ ] Other (comments)
Contact/Report To: Stacy Metz

Analyses Requested: VOCs (8260) 7

Container Type (corresponds to Container Packing List): 1

Number of Containers Submitted

⇦ PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Total	Sample Comments
01		01	MW-38D	04/09	03/25/15	0930		X	GW	2	
		02	MW-38S			1037		X	GW	2	
		03	MW-20S			1200		X	GW	2	
		04	MW-20D			1315		X	GW	2	
		05	MW-23			1523		X	GW	2	
		06	MW-36S			1630		X	GW	2	
		07	MW-21			1745		X	GW	2	
03		08	~~TB02~~ TB-03		03/26/15	—		X	DI	1	

Sampled By (print): Christine Gregg
Sampler's Signature: [signature]
Company: TRC

How Shipped? Hand ___ Carrier X
Tracking No.:

Comments: R. Krumm 3.27.15 12:30

	Relinquished By	Date	Time	Received By	Date	Time
1	Christine Gregg	03/25/15	1900	TRC Sample Storage	03/25/15	1900
2	[signature]			Ray Johnson	3/27/15	1230
3	Ray Johnson	3/27/15	1700	[signature]	3/27/15	17

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Chain of Custody Record

COC No. 150526

Pg. 2 of 2

For Lab Use Only

Cart: –

VOA Rack/Tray: Lab, 2/2-4

Receipt Log No.: 5-16

Project Chemist:

Work Order No.: 1503103

Client Name: TRC

Address: 1540 Eisenhower Place

City, State Zip: Ann Arbor, MI 48108

Phone/Fax:

Email:

Project Name: TPC

Client Project No. / P.O. No.: 004304.0001

Invoice To: ☒ Client ☐ Other (comments)

Contact/Report To: Stacy Metz

Analyses Requested

D: VOCs (8260)

Container Type (corresponds to Container Packing List): 1

Number of Containers Submitted

⇦ PRESERVATIVES
A NONE pH-7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number		Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Total	Sample Comments
01		09	1	MW-4I	D409	03/26/15	0903		X	GW	2	
		10	2	EB-02			0917		X	DI	2	
		11	3	MW-39s			1025		X	GW	2	
		12	4	MW-37s			1130		X	GW	2	
		13	5	SS-09s			1245		X	GW	2	
		14	6	SS-09I			1345		X	GW	2	
		15	7	SS-10s			1435		X	GW	2	
		16	8	SS-10I			1522		X	GW	2	
			9									
			10									

Sampled By (print): Christine Gregg

Sampler's Signature: Christine R Gregg

Company: TRC

How Shipped? Hand ___ Carrier X

Tracking No.

Comments

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Christine R Gregg	03/26/15	1645	R. Krumm	3.27.15	12:30 pm	Ray Johnson	3/27/15	1700

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
TRC Sample Storage	03/26/15	1645	Ray Johnson	3/27/15	1230	D. Vardin	3/27/15	17[illegible]

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

SAMPLE RECEIVING / LOG-IN CHECKLIST

TRIMATRIX LABORATORIES

Client: TRC
Receipt Record Page/Line #: 5-16
Work Order #: 1503403
New / Add To
Project Chemist | Sample #s

Recorded by (initials/date): DN 3/27/15
☑ Cooler ☐ Box ☐ Other
Qty Received: 1
Thermometer Used: ☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#_____)
☐ See Additional Cooler Information Form

Cooler #1	Cooler #2	Cooler #3	Cooler #4
Cooler #: 110409 Time: 1124	Cooler #: Time:	Cooler #: Time:	Cooler #: Time:
Custody Seals: ☑ None ☐ Present / Intact ☐ Present / Not Intact	Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact	Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact	Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact
Coolant Type: ☑ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None	Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None	Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None	Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None
Coolant Location: Dispersed / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom
Temp Blank Present: ☑ Yes ☐ No	Temp Blank Present: ☐ Yes ☐ No	Temp Blank Present: ☐ Yes ☐ No	Temp Blank Present: ☐ Yes ☐ No
If Present, Temperature Blank Location is: ☑ Representative ☐ Not Representative	If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative	If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative	If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:	1.6	0	1.6
Sample 1:	3.0	0	3.0
Sample 2:	2.8	0	2.8
Sample 3:	3.2	0	3.2
3 Sample Average °C:	3.1		

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			
3 Sample Average °C:			

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			
3 Sample Average °C:			

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			
3 Sample Average °C:			

Cooler #1	Cooler #2	Cooler #3	Cooler #4
☑ Cooler ID on COC?	☐ Cooler ID on COC?	☐ Cooler ID on COC?	☐ Cooler ID on COC?
☑ VOC Trip Blank received?	☐ VOC Trip Blank received?	☐ VOC Trip Blank received?	☐ VOC Trip Blank received?

If any shaded areas checked, complete Sample Receiving Non-Conformance and/or Inventory Form

Paperwork Received

Yes	No	
☑	☐	Chain of Custody record(s)? If No, Initiated By _____
☑		Received for Lab Signed/Date/Time?
☐	☑	Shipping document?
☐	☑	Other _____

COC Information

☑ TriMatrix COC ☐ Other _____

COC ID Numbers: 150525, 150526

Check Sample Preservation

N/A	Yes	No	
	☐	☑	Temperature Blank OR average sample temperature, ≥6° C?
☑	☐	☐	If either is ≥6° C, was thermal preservation required?
☑	☐		If "Yes", Project Chemist Approval Initials: _____
☑	☐		If "Yes" Completed Non Con Cooler - Cont Inventory Form?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐	☐	Samples chemically preserved correctly?
☑	☐		If "No", added orange tag?
	☐	☑	Received pre-preserved VOC soils?
			☐ MeOH ☐ Na_2SO_4

Check COC for Accuracy

Yes	No	
☑	☐	Analysis Requested?
☑	☐	Sample ID matches COC?
☑	☐	Sample Date and Time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Check for Short Hold-Time Prep/Analyses

- ☐ Bactericlogical
- ☐ Air Bags
- ☐ EnCores / Methanol Pre-Preserved
- ☐ Formaldehyde/Aldehyde
- ☐ Green-tagged containers
- ☐ Yellow/White-tagged 1 L ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☑ NONE RECEIVED
☐ RECEIVED, COCs TO LAB(S)

Sample Condition Summary

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate or non-TriMatrix containers received?
☐	☐	☑	VOC vials / TOX containers have headspace?
☑	☐	☐	Extra sample locations / containers not listed on COC?

Notes

☑ Trip Blank received ☐ Trip Blank not listed on COC

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
DN 3/27/15	3/27/15	Yes / No

June 08, 2015

TRC Companies. - Ann Arbor Office
Attn: Ms. Stacy Metz
1540 Eisenhower Place
Ann Arbor, MI 48108

Project: Tecumseh Products Groundwater

Dear Ms. Stacy Metz,

Enclosed is a copy of the laboratory report for the following work order(s) received by TriMatrix Laboratories:

Work Order	Received	Description
1505451	05/22/2015	Laboratory Services
1505487	05/27/2015	Laboratory Services
1506006	05/29/2015	Laboratory Services

This report relates only to the sample(s) as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Program (NELAP) and/or one of the following certification programs:

ACLASS DoD-ELAP/ISO17025 (#ADE-1542); Arkansas DEP (#88-0730/13-049-0); Florida DEP (#E87622-24); Georgia EPD (#E87622-24); Illinois DEP (#200026/003329); Kansas DPH (#E-10302); Kentucky DEP (#0021); Louisiana DEP (#103068); Michigan DPH (#0034); Minnesota DPH (#491715); New York ELAP (#11776/48855); North Carolina DNRE (#659); Virginia DCLS (#460153/2592); Wisconsin DNR (#999472650); USDA Soil Import Permit (#P330-12-00236).

Any qualification or narration of results, including sample acceptance requirements and test exceptions to the above referenced programs, is presented in the Statement of Data Qualifications and Project Technical Narrative sections of this report. Estimates of analytical uncertainties and certification documents for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Jennifer L. Rice
Project Chemist

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PROJECT TECHNICAL NARRATIVE(s)

Volatile Organic Compounds by EPA Method 8260B

Narrative: The MS or MSD recovery, but not both, was outside the control limit. The RPD is within the control limit.

Analysis: USEPA-8260B

Sample/Analyte: 1505451-26 MW-38s Trichloroethene

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STATEMENT OF DATA QUALIFICATIONS

Volatile Organic Compounds by EPA Method 8260B

Qualification: The corresponding CCV for this analytical batch had a recovery exceeding the upper control limit of the method. A positive result for this analyte in any associated samples are considered estimated. Non-detectable results are not qualified.

Analysis: USEPA-8260B

Sample/Analyte:			
	1505451-01	TB-01	Bromomethane
	1505451-02	MW-17s	Bromomethane
	1505451-03	WL-01	Bromomethane
	1505451-04	MW-31	Bromomethane
	1505451-05	MW-22	Bromomethane
	1505451-06	EB-01	Bromomethane
	1505451-07	Seep	Bromomethane
	1505451-08	MW-32d	Bromomethane
	1505451-09	NS-19d	Bromomethane
	1505451-10	NS-18d	Bromomethane
	1505451-11	MW-33s	Bromomethane
	1505451-12	DUP-01	Bromomethane
	1505451-13	MW-32s	Bromomethane
	1505451-14	EB-02	Bromomethane
	1505451-15	MW-36s	Bromomethane
	1505451-16	DUP-02	Bromomethane
	1505451-17	NS-18s	Bromomethane
	1505451-18	NS-18i	Bromomethane
	1505451-19	NS-19s	Bromomethane
	1505451-20	NS-19i	Bromomethane
	1505451-21	NS-20s	Bromomethane
	1505451-22	NS-20i	Bromomethane
	1505451-23	MW-23	Bromomethane
	1505451-24	MW-20s	Bromomethane
	1505451-25	MW-20d	Bromomethane
	1505451-26	MW-38s	Bromomethane
	1505451-27	MW-01s	Bromomethane
	1505451-28	MW-34s	Bromomethane
	1505451-29	DUP-03	Bromomethane
	1505451-30	MW-37s	Bromomethane
	1505451-31	MW-39s	Bromomethane
	1505451-32	MW-03s	Bromomethane
	1505451-33	EB-03	Bromomethane
	1505451-34	MW-04s	Bromomethane
	1505451-35	MW-04i	Bromomethane
	1505451-36	MW-02s	Bromomethane
	1505451-37	MW-21	Bromomethane

Continued on next page

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STATEMENT OF DATA QUALIFICATIONS

Volatile Organic Compounds by EPA Method 8260B (Continued)

Qualification: The corresponding CCV for this analytical batch had a recovery exceeding the upper control limit of the method. A positive result for this analyte in any associated samples are considered estimated. Non-detectable results are not qualified.

Analysis: USEPA-8260B

Sample/Analyte:		
1505451-38	SS-10D	Bromomethane
1505487-01	SS-10s	Bromomethane
1505487-02	TB-02	Bromomethane
1505487-03	SS-10i	Bromomethane
1505487-04	SS-09s	Bromomethane
1505487-05	SS-09i	Bromomethane
1505487-06	MW-34d	Bromomethane
1505487-07	MW-35i	Bromomethane
1505487-08	MW-35d	Bromomethane
1505487-09	MW-36d	Bromomethane
1506006-01	TB-03	Bromomethane
1506006-02	MW-39d	Bromomethane
1506006-03	MW-08d	Bromomethane
1506006-04	MW-40s	Bromomethane
1506006-05	MW-40d	Bromomethane
1506006-06	MW-29s	Bromomethane
1506006-07	MW-29d	Bromomethane
1506006-08	MW-27s	Bromochloromethane
1506006-08	MW-27s	Bromomethane
1506006-09	MW-27d	Bromochloromethane
1506006-09	MW-27d	Bromomethane
1506006-10	MW-24s	Bromochloromethane
1506006-10	MW-24s	Bromomethane
1506006-11	MW-24d	Bromochloromethane
1506006-11	MW-24d	Bromomethane
1506006-12	MW-30s	Bromochloromethane
1506006-12	MW-30s	Bromomethane
1506006-13	MW-30d	Bromochloromethane
1506006-13	MW-30d	Bromomethane
1506006-14	MW-10s	Bromochloromethane
1506006-14	MW-10s	Bromomethane
1506006-15	MW-12s	Bromochloromethane
1506006-15	MW-12s	Bromomethane
1506006-16	MW-12d	Bromochloromethane
1506006-16	MW-12d	Bromomethane
1506006-17	MW-13s	Bromochloromethane
1506006-17	MW-13s	Bromomethane
1506006-18	MW-38d	Bromochloromethane
1506006-18	MW-38d	Bromomethane
1506006-19	MW-14d	Bromochloromethane
1506006-19	MW-14d	Bromomethane
1506006-20	MW-25s	Bromochloromethane
1506006-20	MW-25s	Bromomethane

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STATEMENT OF DATA QUALIFICATIONS

Volatile Organic Compounds by EPA Method 8260B (Continued)

Qualification: The corresponding CCV for this analytical batch had a recovery exceeding the upper control limit of the method. A positive result for this analyte in any associated samples are considered estimated. Non-detectable results are not qualified.

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**TB-01**	Sampled:	05/21/15 00:00
Lab Sample ID:	**1505451-01**	Sampled By:	TML
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	05/29/15 13:00 By: BAG
Dilution Factor:	1	Analyzed:	05/29/15 15:45 By: BAG
QC Batch:	1505478	Analytical Batch:	5F01010

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

Continued on next page

*See Statement of Data Qualifications

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**TB-01**	Sampled:	05/21/15 00:00		
Lab Sample ID:	**1505451-01**	Sampled By:	TML		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/29/15 15:45	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

Continued on next page

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**TB-01**	Sampled:	05/21/15 00:00		
Lab Sample ID:	**1505451-01**	Sampled By:	TML		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/29/15 15:45	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*97*	*85-118*
1,2-Dichloroethane-d4	*101*	*87-122*
Toluene-d8	*99*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-17s**	Sampled:	05/19/15 08:22		
Lab Sample ID:	**1505451-02**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/29/15 18:08	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-17s**	Sampled:	05/19/15 08:22		
Lab Sample ID:	**1505451-02**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/29/15 18:08	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-17s**	Sampled:	05/19/15 08:22
Lab Sample ID:	**1505451-02**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	05/29/15 13:00 By: BAG
Dilution Factor:	1	Analyzed:	05/29/15 18:08 By: BAG
QC Batch:	1505478	Analytical Batch:	5F01010

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*102*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**WL-01**	Sampled:	05/19/15 08:45		
Lab Sample ID:	**1505451-03**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/29/15 18:37	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**WL-01**	Sampled:	05/19/15 08:45		
Lab Sample ID:	**1505451-03**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/29/15 18:37	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**WL-01**	Sampled:	05/19/15 08:45
Lab Sample ID:	**1505451-03**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	05/29/15 13:00 By: BAG
Dilution Factor:	1	Analyzed:	05/29/15 18:37 By: BAG
QC Batch:	1505478	Analytical Batch:	5F01010

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*97*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*98*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-31**	Sampled:	05/19/15 09:57		
Lab Sample ID:	**1505451-04**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	2.5	Analyzed:	05/29/15 19:05	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<50	50
107-13-1	Acrylonitrile	<5.0	5.0
71-43-2	Benzene	<2.5	2.5
108-86-1	Bromobenzene	<2.5	2.5
74-97-5	Bromochloromethane	<2.5	2.5
75-27-4	Bromodichloromethane	<2.5	2.5
75-25-2	Bromoform	<2.5	2.5
*74-83-9	Bromomethane	<12	12
104-51-8	n-Butylbenzene	<2.5	2.5
135-98-8	sec-Butylbenzene	<2.5	2.5
98-06-6	tert-Butylbenzene	<2.5	2.5
75-15-0	Carbon Disulfide	<2.5	2.5
56-23-5	Carbon Tetrachloride	<2.5	2.5
108-90-7	Chlorobenzene	<2.5	2.5
75-00-3	Chloroethane	<12	12
67-66-3	Chloroform	<2.5	2.5
74-87-3	Chloromethane	<12	12
96-12-8	1,2-Dibromo-3-chloropropane	<12	12
124-48-1	Dibromochloromethane	<2.5	2.5
106-93-4	1,2-Dibromoethane	<2.5	2.5
74-95-3	Dibromomethane	<2.5	2.5
110-57-6	trans-1,4-Dichloro-2-butene	<2.5	2.5
95-50-1	1,2-Dichlorobenzene	<2.5	2.5
541-73-1	1,3-Dichlorobenzene	<2.5	2.5
106-46-7	1,4-Dichlorobenzene	<2.5	2.5
75-71-8	Dichlorodifluoromethane	<12	12
75-34-3	1,1-Dichloroethane	**15**	2.5
107-06-2	1,2-Dichloroethane	<2.5	2.5
75-35-4	1,1-Dichloroethene	<2.5	2.5
156-59-2	cis-1,2-Dichloroethene	**41**	2.5
156-60-5	trans-1,2-Dichloroethene	<2.5	2.5

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-31**	Sampled:	05/19/15 09:57		
Lab Sample ID:	**1505451-04**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	2.5	Analyzed:	05/29/15 19:05	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<2.5	2.5
10061-01-5	cis-1,3-Dichloropropene	<2.5	2.5
10061-02-6	trans-1,3-Dichloropropene	<2.5	2.5
100-41-4	Ethylbenzene	<2.5	2.5
60-29-7	Ethyl Ether	<12	12
591-78-6	2-Hexanone	<12	12
74-88-4	Iodomethane	<2.5	2.5
98-82-8	Isopropylbenzene	<2.5	2.5
99-87-6	4-Isopropyltoluene	<12	12
1634-04-4	Methyl tert-Butyl Ether	<12	12
75-09-2	Methylene Chloride	<12	12
78-93-3	2-Butanone (MEK)	<12	12
91-57-6	2-Methylnaphthalene	<12	12
108-10-1	4-Methyl-2-pentanone (MIBK)	<12	12
91-20-3	Naphthalene	<12	12
103-65-1	n-Propylbenzene	<2.5	2.5
100-42-5	Styrene	<2.5	2.5
630-20-6	1,1,1,2-Tetrachloroethane	<2.5	2.5
79-34-5	1,1,2,2-Tetrachloroethane	<2.5	2.5
127-18-4	Tetrachloroethene	<2.5	2.5
109-99-9	Tetrahydrofuran	<12	12
108-88-3	Toluene	<2.5	2.5
87-61-6	1,2,3-Trichlorobenzene	<12	12
120-82-1	1,2,4-Trichlorobenzene	<12	12
71-55-6	1,1,1-Trichloroethane	**22**	2.5
79-00-5	1,1,2-Trichloroethane	<2.5	2.5
79-01-6	Trichloroethene	**320**	2.5
75-69-4	Trichlorofluoromethane	<2.5	2.5
96-18-4	1,2,3-Trichloropropane	<2.5	2.5
95-63-6	1,2,4-Trimethylbenzene	<2.5	2.5
108-67-8	1,3,5-Trimethylbenzene	<2.5	2.5

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-31**	Sampled:	05/19/15 09:57		
Lab Sample ID:	**1505451-04**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	2.5	Analyzed:	05/29/15 19:05	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<2.5	2.5
179601-23-1	Xylene, Meta + Para	<5.0	5.0
95-47-6	Xylene, Ortho	<2.5	2.5

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*100*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-22**	Sampled:	05/19/15 10:54		
Lab Sample ID:	**1505451-05**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/29/15 19:33	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-22**	Sampled:	05/19/15 10:54		
Lab Sample ID:	**1505451-05**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/29/15 19:33	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-22**	Sampled:	05/19/15 10:54
Lab Sample ID:	**1505451-05**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	05/29/15 13:00 By: BAG
Dilution Factor:	1	Analyzed:	05/29/15 19:33 By: BAG
QC Batch:	1505478	Analytical Batch:	5F01010

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**23**	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*97*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*99*	*85-113*
4-Bromofluorobenzene	*98*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**EB-01**	Sampled:	05/19/15 11:08		
Lab Sample ID:	**1505451-06**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/29/15 20:02	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**EB-01**	Sampled:	05/19/15 11:08		
Lab Sample ID:	**1505451-06**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/29/15 20:02	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**EB-01**	Sampled:	05/19/15 11:08
Lab Sample ID:	**1505451-06**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	05/29/15 13:00 By: BAG
Dilution Factor:	1	Analyzed:	05/29/15 20:02 By: BAG
QC Batch:	1505478	Analytical Batch:	5F01010

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*102*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**Seep**	Sampled:	05/19/15 11:18		
Lab Sample ID:	**1505451-07**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/29/15 20:30	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**Seep**	Sampled:	05/19/15 11:18		
Lab Sample ID:	**1505451-07**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/29/15 20:30	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**Seep**	Sampled:	05/19/15 11:18
Lab Sample ID:	**1505451-07**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	05/29/15 13:00 By: BAG
Dilution Factor:	1	Analyzed:	05/29/15 20:30 By: BAG
QC Batch:	1505478	Analytical Batch:	5F01010

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*104*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-32d**	Sampled:	05/19/15 12:47		
Lab Sample ID:	**1505451-08**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/29/15 20:59	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	**2.0**	1.0
156-60-5	trans-1,2-Dichloroethene	**3.0**	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-32d**	Sampled:	05/19/15 12:47		
Lab Sample ID:	**1505451-08**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/29/15 20:59	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	**55**	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-32d**	Sampled:	05/19/15 12:47
Lab Sample ID:	**1505451-08**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	05/29/15 13:00 By: BAG
Dilution Factor:	1	Analyzed:	05/29/15 20:59 By: BAG
QC Batch:	1505478	Analytical Batch:	5F01010

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*104*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-19d**	Sampled:	05/19/15 13:55		
Lab Sample ID:	**1505451-09**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/29/15 21:27	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	**1.6**	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-19d**	Sampled:	05/19/15 13:55		
Lab Sample ID:	**1505451-09**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/29/15 21:27	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	**22**	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**NS-19d**	Sampled:	05/19/15 13:55
Lab Sample ID:	**1505451-09**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	05/29/15 13:00 By: BAG
Dilution Factor:	1	Analyzed:	05/29/15 21:27 By: BAG
QC Batch:	1505478	Analytical Batch:	5F01010

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*97*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*98*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-18d**	Sampled:	05/19/15 15:29		
Lab Sample ID:	**1505451-10**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	2	Analyzed:	05/29/15 21:56	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<40	40
107-13-1	Acrylonitrile	<4.0	4.0
71-43-2	Benzene	<2.0	2.0
108-86-1	Bromobenzene	<2.0	2.0
74-97-5	Bromochloromethane	<2.0	2.0
75-27-4	Bromodichloromethane	<2.0	2.0
75-25-2	Bromoform	<2.0	2.0
*74-83-9	Bromomethane	<10	10
104-51-8	n-Butylbenzene	<2.0	2.0
135-98-8	sec-Butylbenzene	<2.0	2.0
98-06-6	tert-Butylbenzene	<2.0	2.0
75-15-0	Carbon Disulfide	<2.0	2.0
56-23-5	Carbon Tetrachloride	<2.0	2.0
108-90-7	Chlorobenzene	<2.0	2.0
75-00-3	Chloroethane	<10	10
67-66-3	Chloroform	<2.0	2.0
74-87-3	Chloromethane	<10	10
96-12-8	1,2-Dibromo-3-chloropropane	<10	10
124-48-1	Dibromochloromethane	<2.0	2.0
106-93-4	1,2-Dibromoethane	<2.0	2.0
74-95-3	Dibromomethane	<2.0	2.0
110-57-6	trans-1,4-Dichloro-2-butene	<2.0	2.0
95-50-1	1,2-Dichlorobenzene	<2.0	2.0
541-73-1	1,3-Dichlorobenzene	<2.0	2.0
106-46-7	1,4-Dichlorobenzene	<2.0	2.0
75-71-8	Dichlorodifluoromethane	<10	10
75-34-3	1,1-Dichloroethane	<2.0	2.0
107-06-2	1,2-Dichloroethane	<2.0	2.0
75-35-4	1,1-Dichloroethene	<2.0	2.0
156-59-2	cis-1,2-Dichloroethene	**180**	2.0
156-60-5	trans-1,2-Dichloroethene	**31**	2.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**NS-18d**	Sampled:	05/19/15 15:29
Lab Sample ID:	**1505451-10**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	05/29/15 13:00 By: BAG
Dilution Factor:	2	Analyzed:	05/29/15 21:56 By: BAG
QC Batch:	1505478	Analytical Batch:	5F01010

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<2.0	2.0
10061-01-5	cis-1,3-Dichloropropene	<2.0	2.0
10061-02-6	trans-1,3-Dichloropropene	<2.0	2.0
100-41-4	Ethylbenzene	<2.0	2.0
60-29-7	Ethyl Ether	<10	10
591-78-6	2-Hexanone	<10	10
74-88-4	Iodomethane	<2.0	2.0
98-82-8	Isopropylbenzene	<2.0	2.0
99-87-6	4-Isopropyltoluene	<10	10
1634-04-4	Methyl tert-Butyl Ether	<10	10
75-09-2	Methylene Chloride	<10	10
78-93-3	2-Butanone (MEK)	<10	10
91-57-6	2-Methylnaphthalene	<10	10
108-10-1	4-Methyl-2-pentanone (MIBK)	<10	10
91-20-3	Naphthalene	<10	10
103-65-1	n-Propylbenzene	<2.0	2.0
100-42-5	Styrene	<2.0	2.0
630-20-6	1,1,1,2-Tetrachloroethane	<2.0	2.0
79-34-5	1,1,2,2-Tetrachloroethane	<2.0	2.0
127-18-4	Tetrachloroethene	<2.0	2.0
109-99-9	Tetrahydrofuran	<10	10
108-88-3	Toluene	<2.0	2.0
87-61-6	1,2,3-Trichlorobenzene	<10	10
120-82-1	1,2,4-Trichlorobenzene	<10	10
71-55-6	1,1,1-Trichloroethane	<2.0	2.0
79-00-5	1,1,2-Trichloroethane	<2.0	2.0
79-01-6	Trichloroethene	**20**	2.0
75-69-4	Trichlorofluoromethane	<2.0	2.0
96-18-4	1,2,3-Trichloropropane	<2.0	2.0
95-63-6	1,2,4-Trimethylbenzene	<2.0	2.0
108-67-8	1,3,5-Trimethylbenzene	<2.0	2.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-18d**	Sampled:	05/19/15 15:29		
Lab Sample ID:	**1505451-10**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	2	Analyzed:	05/29/15 21:56	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**3.8**	2.0
179601-23-1	Xylene, Meta + Para	<4.0	4.0
95-47-6	Xylene, Ortho	<2.0	2.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-33s**	Sampled:	05/19/15 16:30		
Lab Sample ID:	**1505451-11**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/29/15 22:25	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	**11**	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	**17**	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-33s**	Sampled:	05/19/15 16:30
Lab Sample ID:	**1505451-11**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	05/29/15 13:00 By: BAG
Dilution Factor:	1	Analyzed:	05/29/15 22:25 By: BAG
QC Batch:	1505478	Analytical Batch:	5F01010

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	**69**	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-33s**	Sampled:	05/19/15 16:30
Lab Sample ID:	**1505451-11**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	05/29/15 13:00 By: BAG
Dilution Factor:	1	Analyzed:	05/29/15 22:25 By: BAG
QC Batch:	1505478	Analytical Batch:	5F01010

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**44**	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**DUP-01**	Sampled:	05/19/15 00:00		
Lab Sample ID:	**1505451-12**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	10	Analyzed:	06/01/15 14:36	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<200	200
107-13-1	Acrylonitrile	<20	20
71-43-2	Benzene	<10	10
108-86-1	Bromobenzene	<10	10
74-97-5	Bromochloromethane	<10	10
75-27-4	Bromodichloromethane	<10	10
75-25-2	Bromoform	<10	10
*74-83-9	Bromomethane	<50	50
104-51-8	n-Butylbenzene	<10	10
135-98-8	sec-Butylbenzene	<10	10
98-06-6	tert-Butylbenzene	<10	10
75-15-0	Carbon Disulfide	<10	10
56-23-5	Carbon Tetrachloride	<10	10
108-90-7	Chlorobenzene	<10	10
75-00-3	Chloroethane	<50	50
67-66-3	Chloroform	<10	10
74-87-3	Chloromethane	<50	50
96-12-8	1,2-Dibromo-3-chloropropane	<50	50
124-48-1	Dibromochloromethane	<10	10
106-93-4	1,2-Dibromoethane	<10	10
74-95-3	Dibromomethane	<10	10
110-57-6	trans-1,4-Dichloro-2-butene	<10	10
95-50-1	1,2-Dichlorobenzene	<10	10
541-73-1	1,3-Dichlorobenzene	<10	10
106-46-7	1,4-Dichlorobenzene	<10	10
75-71-8	Dichlorodifluoromethane	<50	50
75-34-3	1,1-Dichloroethane	<10	10
107-06-2	1,2-Dichloroethane	<10	10
75-35-4	1,1-Dichloroethene	<10	10
156-59-2	cis-1,2-Dichloroethene	**55**	10
156-60-5	trans-1,2-Dichloroethene	<10	10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**DUP-01**	Sampled:	05/19/15 00:00		
Lab Sample ID:	**1505451-12**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	10	Analyzed:	06/01/15 14:36	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<10	10
10061-01-5	cis-1,3-Dichloropropene	<10	10
10061-02-6	trans-1,3-Dichloropropene	<10	10
100-41-4	Ethylbenzene	<10	10
60-29-7	Ethyl Ether	<50	50
591-78-6	2-Hexanone	<50	50
74-88-4	Iodomethane	<10	10
98-82-8	Isopropylbenzene	<10	10
99-87-6	4-Isopropyltoluene	<50	50
1634-04-4	Methyl tert-Butyl Ether	<50	50
75-09-2	Methylene Chloride	<50	50
78-93-3	2-Butanone (MEK)	<50	50
91-57-6	2-Methylnaphthalene	<50	50
108-10-1	4-Methyl-2-pentanone (MIBK)	<50	50
91-20-3	Naphthalene	<50	50
103-65-1	n-Propylbenzene	<10	10
100-42-5	Styrene	<10	10
630-20-6	1,1,1,2-Tetrachloroethane	<10	10
79-34-5	1,1,2,2-Tetrachloroethane	<10	10
127-18-4	Tetrachloroethene	<10	10
109-99-9	Tetrahydrofuran	<50	50
108-88-3	Toluene	<10	10
87-61-6	1,2,3-Trichlorobenzene	<50	50
120-82-1	1,2,4-Trichlorobenzene	<50	50
71-55-6	1,1,1-Trichloroethane	**150**	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	**1300**	10
75-69-4	Trichlorofluoromethane	<10	10
96-18-4	1,2,3-Trichloropropane	<10	10
95-63-6	1,2,4-Trimethylbenzene	<10	10
108-67-8	1,3,5-Trimethylbenzene	<10	10

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**DUP-01**	Sampled:	05/19/15 00:00		
Lab Sample ID:	**1505451-12**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	10	Analyzed:	06/01/15 14:36	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<10	10
179601-23-1	Xylene, Meta + Para	<20	20
95-47-6	Xylene, Ortho	<10	10

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*101*	*85-118*
1,2-Dichloroethane-d4	*104*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*98*	*82-110*

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-32s**	Sampled:	05/19/15 17:27		
Lab Sample ID:	**1505451-13**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	10	Analyzed:	05/29/15 23:21	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<200	200
107-13-1	Acrylonitrile	<20	20
71-43-2	Benzene	<10	10
108-86-1	Bromobenzene	<10	10
74-97-5	Bromochloromethane	<10	10
75-27-4	Bromodichloromethane	<10	10
75-25-2	Bromoform	<10	10
*74-83-9	Bromomethane	<50	50
104-51-8	n-Butylbenzene	<10	10
135-98-8	sec-Butylbenzene	<10	10
98-06-6	tert-Butylbenzene	<10	10
75-15-0	Carbon Disulfide	<10	10
56-23-5	Carbon Tetrachloride	<10	10
108-90-7	Chlorobenzene	<10	10
75-00-3	Chloroethane	<50	50
67-66-3	Chloroform	<10	10
74-87-3	Chloromethane	<50	50
96-12-8	1,2-Dibromo-3-chloropropane	<50	50
124-48-1	Dibromochloromethane	<10	10
106-93-4	1,2-Dibromoethane	<10	10
74-95-3	Dibromomethane	<10	10
110-57-6	trans-1,4-Dichloro-2-butene	<10	10
95-50-1	1,2-Dichlorobenzene	<10	10
541-73-1	1,3-Dichlorobenzene	<10	10
106-46-7	1,4-Dichlorobenzene	<10	10
75-71-8	Dichlorodifluoromethane	<50	50
75-34-3	1,1-Dichloroethane	<10	10
107-06-2	1,2-Dichloroethane	<10	10
75-35-4	1,1-Dichloroethene	<10	10
156-59-2	cis-1,2-Dichloroethene	**55**	10
156-60-5	trans-1,2-Dichloroethene	<10	10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-32s**	Sampled:	05/19/15 17:27		
Lab Sample ID:	**1505451-13**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	10	Analyzed:	05/29/15 23:21	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<10	10
10061-01-5	cis-1,3-Dichloropropene	<10	10
10061-02-6	trans-1,3-Dichloropropene	<10	10
100-41-4	Ethylbenzene	<10	10
60-29-7	Ethyl Ether	<50	50
591-78-6	2-Hexanone	<50	50
74-88-4	Iodomethane	<10	10
98-82-8	Isopropylbenzene	<10	10
99-87-6	4-Isopropyltoluene	<50	50
1634-04-4	Methyl tert-Butyl Ether	<50	50
75-09-2	Methylene Chloride	<50	50
78-93-3	2-Butanone (MEK)	<50	50
91-57-6	2-Methylnaphthalene	<50	50
108-10-1	4-Methyl-2-pentanone (MIBK)	<50	50
91-20-3	Naphthalene	<50	50
103-65-1	n-Propylbenzene	<10	10
100-42-5	Styrene	<10	10
630-20-6	1,1,1,2-Tetrachloroethane	<10	10
79-34-5	1,1,2,2-Tetrachloroethane	<10	10
127-18-4	Tetrachloroethene	<10	10
109-99-9	Tetrahydrofuran	<50	50
108-88-3	Toluene	<10	10
87-61-6	1,2,3-Trichlorobenzene	<50	50
120-82-1	1,2,4-Trichlorobenzene	<50	50
71-55-6	1,1,1-Trichloroethane	**150**	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	**1200**	10
75-69-4	Trichlorofluoromethane	<10	10
96-18-4	1,2,3-Trichloropropane	<10	10
95-63-6	1,2,4-Trimethylbenzene	<10	10
108-67-8	1,3,5-Trimethylbenzene	<10	10

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-32s**	Sampled:	05/19/15 17:27
Lab Sample ID:	**1505451-13**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	05/29/15 13:00 By: BAG
Dilution Factor:	10	Analyzed:	05/29/15 23:21 By: BAG
QC Batch:	1505478	Analytical Batch:	5F01010

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<10	10
179601-23-1	Xylene, Meta + Para	<20	20
95-47-6	Xylene, Ortho	<10	10

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*98*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**EB-02**	Sampled:	05/20/15 06:30		
Lab Sample ID:	**1505451-14**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/29/15 23:50	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**EB-02**	Sampled:	05/20/15 06:30		
Lab Sample ID:	**1505451-14**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/29/15 13:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/29/15 23:50	By:	BAG
QC Batch:	1505478	Analytical Batch:	5F01010		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**EB-02**	Sampled:	05/20/15 06:30
Lab Sample ID:	**1505451-14**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	05/29/15 13:00 By: BAG
Dilution Factor:	1	Analyzed:	05/29/15 23:50 By: BAG
QC Batch:	1505478	Analytical Batch:	5F01010

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*97*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-36s**	Sampled:	05/20/15 07:18		
Lab Sample ID:	**1505451-15**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	5	Analyzed:	05/30/15 04:34	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<100	100
107-13-1	Acrylonitrile	<10	10
71-43-2	Benzene	<5.0	5.0
108-86-1	Bromobenzene	<5.0	5.0
74-97-5	Bromochloromethane	<5.0	5.0
75-27-4	Bromodichloromethane	<5.0	5.0
75-25-2	Bromoform	<5.0	5.0
*74-83-9	Bromomethane	<25	25
104-51-8	n-Butylbenzene	<5.0	5.0
135-98-8	sec-Butylbenzene	<5.0	5.0
98-06-6	tert-Butylbenzene	<5.0	5.0
75-15-0	Carbon Disulfide	<5.0	5.0
56-23-5	Carbon Tetrachloride	<5.0	5.0
108-90-7	Chlorobenzene	<5.0	5.0
75-00-3	Chloroethane	<25	25
67-66-3	Chloroform	<5.0	5.0
74-87-3	Chloromethane	<25	25
96-12-8	1,2-Dibromo-3-chloropropane	<25	25
124-48-1	Dibromochloromethane	<5.0	5.0
106-93-4	1,2-Dibromoethane	<5.0	5.0
74-95-3	Dibromomethane	<5.0	5.0
110-57-6	trans-1,4-Dichloro-2-butene	<5.0	5.0
95-50-1	1,2-Dichlorobenzene	<5.0	5.0
541-73-1	1,3-Dichlorobenzene	<5.0	5.0
106-46-7	1,4-Dichlorobenzene	<5.0	5.0
75-71-8	Dichlorodifluoromethane	<25	25
75-34-3	1,1-Dichloroethane	**17**	5.0
107-06-2	1,2-Dichloroethane	<5.0	5.0
75-35-4	1,1-Dichloroethene	<5.0	5.0
156-59-2	cis-1,2-Dichloroethene	**130**	5.0
156-60-5	trans-1,2-Dichloroethene	**16**	5.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-36s**	Sampled:	05/20/15 07:18		
Lab Sample ID:	**1505451-15**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	5	Analyzed:	05/30/15 04:34	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<5.0	5.0
10061-01-5	cis-1,3-Dichloropropene	<5.0	5.0
10061-02-6	trans-1,3-Dichloropropene	<5.0	5.0
100-41-4	Ethylbenzene	<5.0	5.0
60-29-7	Ethyl Ether	<25	25
591-78-6	2-Hexanone	<25	25
74-88-4	Iodomethane	<5.0	5.0
98-82-8	Isopropylbenzene	<5.0	5.0
99-87-6	4-Isopropyltoluene	<25	25
1634-04-4	Methyl tert-Butyl Ether	<25	25
75-09-2	Methylene Chloride	<25	25
78-93-3	2-Butanone (MEK)	<25	25
91-57-6	2-Methylnaphthalene	<25	25
108-10-1	4-Methyl-2-pentanone (MIBK)	<25	25
91-20-3	Naphthalene	<25	25
103-65-1	n-Propylbenzene	<5.0	5.0
100-42-5	Styrene	<5.0	5.0
630-20-6	1,1,1,2-Tetrachloroethane	<5.0	5.0
79-34-5	1,1,2,2-Tetrachloroethane	<5.0	5.0
127-18-4	Tetrachloroethene	<5.0	5.0
109-99-9	Tetrahydrofuran	<25	25
108-88-3	Toluene	<5.0	5.0
87-61-6	1,2,3-Trichlorobenzene	<25	25
120-82-1	1,2,4-Trichlorobenzene	<25	25
71-55-6	1,1,1-Trichloroethane	**19**	5.0
79-00-5	1,1,2-Trichloroethane	<5.0	5.0
79-01-6	Trichloroethene	**570**	5.0
75-69-4	Trichlorofluoromethane	<5.0	5.0
96-18-4	1,2,3-Trichloropropane	<5.0	5.0
95-63-6	1,2,4-Trimethylbenzene	<5.0	5.0
108-67-8	1,3,5-Trimethylbenzene	<5.0	5.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-36s**	Sampled:	05/20/15 07:18		
Lab Sample ID:	**1505451-15**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	5	Analyzed:	05/30/15 04:34	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**28**	5.0
179601-23-1	Xylene, Meta + Para	<10	10
95-47-6	Xylene, Ortho	<5.0	5.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*85-118*
1,2-Dichloroethane-d4	*102*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**DUP-02**	Sampled:	05/20/15 00:00		
Lab Sample ID:	**1505451-16**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	5	Analyzed:	06/01/15 16:02	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<100	100
107-13-1	Acrylonitrile	<10	10
71-43-2	Benzene	<5.0	5.0
108-86-1	Bromobenzene	<5.0	5.0
74-97-5	Bromochloromethane	<5.0	5.0
75-27-4	Bromodichloromethane	<5.0	5.0
75-25-2	Bromoform	<5.0	5.0
*74-83-9	Bromomethane	<25	25
104-51-8	n-Butylbenzene	<5.0	5.0
135-98-8	sec-Butylbenzene	<5.0	5.0
98-06-6	tert-Butylbenzene	<5.0	5.0
75-15-0	Carbon Disulfide	<5.0	5.0
56-23-5	Carbon Tetrachloride	<5.0	5.0
108-90-7	Chlorobenzene	<5.0	5.0
75-00-3	Chloroethane	<25	25
67-66-3	Chloroform	<5.0	5.0
74-87-3	Chloromethane	<25	25
96-12-8	1,2-Dibromo-3-chloropropane	<25	25
124-48-1	Dibromochloromethane	<5.0	5.0
106-93-4	1,2-Dibromoethane	<5.0	5.0
74-95-3	Dibromomethane	<5.0	5.0
110-57-6	trans-1,4-Dichloro-2-butene	<5.0	5.0
95-50-1	1,2-Dichlorobenzene	<5.0	5.0
541-73-1	1,3-Dichlorobenzene	<5.0	5.0
106-46-7	1,4-Dichlorobenzene	<5.0	5.0
75-71-8	Dichlorodifluoromethane	<25	25
75-34-3	1,1-Dichloroethane	**17**	5.0
107-06-2	1,2-Dichloroethane	<5.0	5.0
75-35-4	1,1-Dichloroethene	<5.0	5.0
156-59-2	cis-1,2-Dichloroethene	**130**	5.0
156-60-5	trans-1,2-Dichloroethene	**16**	5.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**DUP-02**	Sampled:	05/20/15 00:00
Lab Sample ID:	**1505451-16**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	06/01/15 08:00 By: BAG
Dilution Factor:	5	Analyzed:	06/01/15 16:02 By: BAG
QC Batch:	1505546	Analytical Batch:	5F02008

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<5.0	5.0
10061-01-5	cis-1,3-Dichloropropene	<5.0	5.0
10061-02-6	trans-1,3-Dichloropropene	<5.0	5.0
100-41-4	Ethylbenzene	<5.0	5.0
60-29-7	Ethyl Ether	<25	25
591-78-6	2-Hexanone	<25	25
74-88-4	Iodomethane	<5.0	5.0
98-82-8	Isopropylbenzene	<5.0	5.0
99-87-6	4-Isopropyltoluene	<25	25
1634-04-4	Methyl tert-Butyl Ether	<25	25
75-09-2	Methylene Chloride	<25	25
78-93-3	2-Butanone (MEK)	<25	25
91-57-6	2-Methylnaphthalene	<25	25
108-10-1	4-Methyl-2-pentanone (MIBK)	<25	25
91-20-3	Naphthalene	<25	25
103-65-1	n-Propylbenzene	<5.0	5.0
100-42-5	Styrene	<5.0	5.0
630-20-6	1,1,1,2-Tetrachloroethane	<5.0	5.0
79-34-5	1,1,2,2-Tetrachloroethane	<5.0	5.0
127-18-4	Tetrachloroethene	<5.0	5.0
109-99-9	Tetrahydrofuran	<25	25
108-88-3	Toluene	<5.0	5.0
87-61-6	1,2,3-Trichlorobenzene	<25	25
120-82-1	1,2,4-Trichlorobenzene	<25	25
71-55-6	1,1,1-Trichloroethane	**20**	5.0
79-00-5	1,1,2-Trichloroethane	<5.0	5.0
79-01-6	Trichloroethene	**600**	5.0
75-69-4	Trichlorofluoromethane	<5.0	5.0
96-18-4	1,2,3-Trichloropropane	<5.0	5.0
95-63-6	1,2,4-Trimethylbenzene	<5.0	5.0
108-67-8	1,3,5-Trimethylbenzene	<5.0	5.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**DUP-02**	Sampled:	05/20/15 00:00
Lab Sample ID:	**1505451-16**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	06/01/15 08:00 By: BAG
Dilution Factor:	5	Analyzed:	06/01/15 16:02 By: BAG
QC Batch:	1505546	Analytical Batch:	5F02008

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**29**	5.0
179601-23-1	Xylene, Meta + Para	<10	10
95-47-6	Xylene, Ortho	<5.0	5.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-18s**	Sampled:	05/20/15 09:05		
Lab Sample ID:	**1505451-17**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	10	Analyzed:	05/30/15 05:31	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<200	200
107-13-1	Acrylonitrile	<20	20
71-43-2	Benzene	<10	10
108-86-1	Bromobenzene	<10	10
74-97-5	Bromochloromethane	<10	10
75-27-4	Bromodichloromethane	<10	10
75-25-2	Bromoform	<10	10
*74-83-9	Bromomethane	<50	50
104-51-8	n-Butylbenzene	<10	10
135-98-8	sec-Butylbenzene	<10	10
98-06-6	tert-Butylbenzene	<10	10
75-15-0	Carbon Disulfide	<10	10
56-23-5	Carbon Tetrachloride	<10	10
108-90-7	Chlorobenzene	<10	10
75-00-3	Chloroethane	<50	50
67-66-3	Chloroform	<10	10
74-87-3	Chloromethane	<50	50
96-12-8	1,2-Dibromo-3-chloropropane	<50	50
124-48-1	Dibromochloromethane	<10	10
106-93-4	1,2-Dibromoethane	<10	10
74-95-3	Dibromomethane	<10	10
110-57-6	trans-1,4-Dichloro-2-butene	<10	10
95-50-1	1,2-Dichlorobenzene	<10	10
541-73-1	1,3-Dichlorobenzene	<10	10
106-46-7	1,4-Dichlorobenzene	<10	10
75-71-8	Dichlorodifluoromethane	<50	50
75-34-3	1,1-Dichloroethane	**24**	10
107-06-2	1,2-Dichloroethane	<10	10
75-35-4	1,1-Dichloroethene	<10	10
156-59-2	cis-1,2-Dichloroethene	**130**	10
156-60-5	trans-1,2-Dichloroethene	**12**	10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-18s**	Sampled:	05/20/15 09:05		
Lab Sample ID:	**1505451-17**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	10	Analyzed:	05/30/15 05:31	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<10	10
10061-01-5	cis-1,3-Dichloropropene	<10	10
10061-02-6	trans-1,3-Dichloropropene	<10	10
100-41-4	Ethylbenzene	<10	10
60-29-7	Ethyl Ether	<50	50
591-78-6	2-Hexanone	<50	50
74-88-4	Iodomethane	<10	10
98-82-8	Isopropylbenzene	<10	10
99-87-6	4-Isopropyltoluene	<50	50
1634-04-4	Methyl tert-Butyl Ether	<50	50
75-09-2	Methylene Chloride	<50	50
78-93-3	2-Butanone (MEK)	<50	50
91-57-6	2-Methylnaphthalene	<50	50
108-10-1	4-Methyl-2-pentanone (MIBK)	<50	50
91-20-3	Naphthalene	<50	50
103-65-1	n-Propylbenzene	<10	10
100-42-5	Styrene	<10	10
630-20-6	1,1,1,2-Tetrachloroethane	<10	10
79-34-5	1,1,2,2-Tetrachloroethane	<10	10
127-18-4	Tetrachloroethene	<10	10
109-99-9	Tetrahydrofuran	<50	50
108-88-3	Toluene	<10	10
87-61-6	1,2,3-Trichlorobenzene	<50	50
120-82-1	1,2,4-Trichlorobenzene	<50	50
71-55-6	1,1,1-Trichloroethane	**15**	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	**1100**	10
75-69-4	Trichlorofluoromethane	<10	10
96-18-4	1,2,3-Trichloropropane	<10	10
95-63-6	1,2,4-Trimethylbenzene	<10	10
108-67-8	1,3,5-Trimethylbenzene	<10	10

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-18s**	Sampled:	05/20/15 09:05		
Lab Sample ID:	**1505451-17**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	10	Analyzed:	05/30/15 05:31	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**42**	10
179601-23-1	Xylene, Meta + Para	<20	20
95-47-6	Xylene, Ortho	<10	10

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*102*	*87-122*
Toluene-d8	*99*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-18i**	Sampled:	05/20/15 09:43		
Lab Sample ID:	**1505451-18**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	20	Analyzed:	05/30/15 06:00	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<400	400
107-13-1	Acrylonitrile	<40	40
71-43-2	Benzene	<20	20
108-86-1	Bromobenzene	<20	20
74-97-5	Bromochloromethane	<20	20
75-27-4	Bromodichloromethane	<20	20
75-25-2	Bromoform	<20	20
*74-83-9	Bromomethane	<100	100
104-51-8	n-Butylbenzene	<20	20
135-98-8	sec-Butylbenzene	<20	20
98-06-6	tert-Butylbenzene	<20	20
75-15-0	Carbon Disulfide	<20	20
56-23-5	Carbon Tetrachloride	<20	20
108-90-7	Chlorobenzene	<20	20
75-00-3	Chloroethane	<100	100
67-66-3	Chloroform	<20	20
74-87-3	Chloromethane	<100	100
96-12-8	1,2-Dibromo-3-chloropropane	<100	100
124-48-1	Dibromochloromethane	<20	20
106-93-4	1,2-Dibromoethane	<20	20
74-95-3	Dibromomethane	<20	20
110-57-6	trans-1,4-Dichloro-2-butene	<20	20
95-50-1	1,2-Dichlorobenzene	<20	20
541-73-1	1,3-Dichlorobenzene	<20	20
106-46-7	1,4-Dichlorobenzene	<20	20
75-71-8	Dichlorodifluoromethane	<100	100
75-34-3	1,1-Dichloroethane	<20	20
107-06-2	1,2-Dichloroethane	<20	20
75-35-4	1,1-Dichloroethene	<20	20
156-59-2	cis-1,2-Dichloroethene	**610**	20
156-60-5	trans-1,2-Dichloroethene	**140**	20

Continued on next page

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-18i**	Sampled:	05/20/15 09:43		
Lab Sample ID:	**1505451-18**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	20	Analyzed:	05/30/15 06:00	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<20	20
10061-01-5	cis-1,3-Dichloropropene	<20	20
10061-02-6	trans-1,3-Dichloropropene	<20	20
100-41-4	Ethylbenzene	<20	20
60-29-7	Ethyl Ether	<100	100
591-78-6	2-Hexanone	<100	100
74-88-4	Iodomethane	<20	20
98-82-8	Isopropylbenzene	<20	20
99-87-6	4-Isopropyltoluene	<100	100
1634-04-4	Methyl tert-Butyl Ether	<100	100
75-09-2	Methylene Chloride	<100	100
78-93-3	2-Butanone (MEK)	<100	100
91-57-6	2-Methylnaphthalene	<100	100
108-10-1	4-Methyl-2-pentanone (MIBK)	<100	100
91-20-3	Naphthalene	<100	100
103-65-1	n-Propylbenzene	<20	20
100-42-5	Styrene	<20	20
630-20-6	1,1,1,2-Tetrachloroethane	<20	20
79-34-5	1,1,2,2-Tetrachloroethane	<20	20
127-18-4	Tetrachloroethene	<20	20
109-99-9	Tetrahydrofuran	<100	100
108-88-3	Toluene	<20	20
87-61-6	1,2,3-Trichlorobenzene	<100	100
120-82-1	1,2,4-Trichlorobenzene	<100	100
71-55-6	1,1,1-Trichloroethane	<20	20
79-00-5	1,1,2-Trichloroethane	<20	20
79-01-6	Trichloroethene	**2000**	20
75-69-4	Trichlorofluoromethane	<20	20
96-18-4	1,2,3-Trichloropropane	<20	20
95-63-6	1,2,4-Trimethylbenzene	<20	20
108-67-8	1,3,5-Trimethylbenzene	<20	20

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-18i**	Sampled:	05/20/15 09:43		
Lab Sample ID:	**1505451-18**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	20	Analyzed:	05/30/15 06:00	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<20	20
179601-23-1	Xylene, Meta + Para	<40	40
95-47-6	Xylene, Ortho	<20	20

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*97*	*85-118*
1,2-Dichloroethane-d4	*102*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-19s**	Sampled:	05/20/15 10:35		
Lab Sample ID:	**1505451-19**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	2	Analyzed:	05/30/15 06:28	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<40	40
107-13-1	Acrylonitrile	<4.0	4.0
71-43-2	Benzene	<2.0	2.0
108-86-1	Bromobenzene	<2.0	2.0
74-97-5	Bromochloromethane	<2.0	2.0
75-27-4	Bromodichloromethane	<2.0	2.0
75-25-2	Bromoform	<2.0	2.0
*74-83-9	Bromomethane	<10	10
104-51-8	n-Butylbenzene	<2.0	2.0
135-98-8	sec-Butylbenzene	<2.0	2.0
98-06-6	tert-Butylbenzene	<2.0	2.0
75-15-0	Carbon Disulfide	<2.0	2.0
56-23-5	Carbon Tetrachloride	<2.0	2.0
108-90-7	Chlorobenzene	<2.0	2.0
75-00-3	Chloroethane	<10	10
67-66-3	Chloroform	<2.0	2.0
74-87-3	Chloromethane	<10	10
96-12-8	1,2-Dibromo-3-chloropropane	<10	10
124-48-1	Dibromochloromethane	<2.0	2.0
106-93-4	1,2-Dibromoethane	<2.0	2.0
74-95-3	Dibromomethane	<2.0	2.0
110-57-6	trans-1,4-Dichloro-2-butene	<2.0	2.0
95-50-1	1,2-Dichlorobenzene	<2.0	2.0
541-73-1	1,3-Dichlorobenzene	<2.0	2.0
106-46-7	1,4-Dichlorobenzene	<2.0	2.0
75-71-8	Dichlorodifluoromethane	<10	10
75-34-3	1,1-Dichloroethane	**11**	2.0
107-06-2	1,2-Dichloroethane	<2.0	2.0
75-35-4	1,1-Dichloroethene	**4.8**	2.0
156-59-2	cis-1,2-Dichloroethene	**200**	2.0
156-60-5	trans-1,2-Dichloroethene	**2.6**	2.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-19s**	Sampled:	05/20/15 10:35		
Lab Sample ID:	**1505451-19**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	2	Analyzed:	05/30/15 06:28	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<2.0	2.0
10061-01-5	cis-1,3-Dichloropropene	<2.0	2.0
10061-02-6	trans-1,3-Dichloropropene	<2.0	2.0
100-41-4	Ethylbenzene	<2.0	2.0
60-29-7	Ethyl Ether	<10	10
591-78-6	2-Hexanone	<10	10
74-88-4	Iodomethane	<2.0	2.0
98-82-8	Isopropylbenzene	<2.0	2.0
99-87-6	4-Isopropyltoluene	<10	10
1634-04-4	Methyl tert-Butyl Ether	<10	10
75-09-2	Methylene Chloride	<10	10
78-93-3	2-Butanone (MEK)	<10	10
91-57-6	2-Methylnaphthalene	<10	10
108-10-1	4-Methyl-2-pentanone (MIBK)	<10	10
91-20-3	Naphthalene	<10	10
103-65-1	n-Propylbenzene	<2.0	2.0
100-42-5	Styrene	<2.0	2.0
630-20-6	1,1,1,2-Tetrachloroethane	<2.0	2.0
79-34-5	1,1,2,2-Tetrachloroethane	<2.0	2.0
127-18-4	Tetrachloroethene	<2.0	2.0
109-99-9	Tetrahydrofuran	<10	10
108-88-3	Toluene	<2.0	2.0
87-61-6	1,2,3-Trichlorobenzene	<10	10
120-82-1	1,2,4-Trichlorobenzene	<10	10
71-55-6	1,1,1-Trichloroethane	**7.1**	2.0
79-00-5	1,1,2-Trichloroethane	<2.0	2.0
79-01-6	Trichloroethene	**290**	2.0
75-69-4	Trichlorofluoromethane	<2.0	2.0
96-18-4	1,2,3-Trichloropropane	<2.0	2.0
95-63-6	1,2,4-Trimethylbenzene	<2.0	2.0
108-67-8	1,3,5-Trimethylbenzene	<2.0	2.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-19s**	Sampled:	05/20/15 10:35		
Lab Sample ID:	**1505451-19**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	2	Analyzed:	05/30/15 06:28	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**140**	2.0
179601-23-1	Xylene, Meta + Para	<4.0	4.0
95-47-6	Xylene, Ortho	<2.0	2.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-19i**	Sampled:	05/20/15 11:19		
Lab Sample ID:	**1505451-20**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	5	Analyzed:	05/30/15 06:57	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<100	100
107-13-1	Acrylonitrile	<10	10
71-43-2	Benzene	<5.0	5.0
108-86-1	Bromobenzene	<5.0	5.0
74-97-5	Bromochloromethane	<5.0	5.0
75-27-4	Bromodichloromethane	<5.0	5.0
75-25-2	Bromoform	<5.0	5.0
*74-83-9	Bromomethane	<25	25
104-51-8	n-Butylbenzene	<5.0	5.0
135-98-8	sec-Butylbenzene	<5.0	5.0
98-06-6	tert-Butylbenzene	<5.0	5.0
75-15-0	Carbon Disulfide	<5.0	5.0
56-23-5	Carbon Tetrachloride	<5.0	5.0
108-90-7	Chlorobenzene	<5.0	5.0
75-00-3	Chloroethane	<25	25
67-66-3	Chloroform	<5.0	5.0
74-87-3	Chloromethane	<25	25
96-12-8	1,2-Dibromo-3-chloropropane	<25	25
124-48-1	Dibromochloromethane	<5.0	5.0
106-93-4	1,2-Dibromoethane	<5.0	5.0
74-95-3	Dibromomethane	<5.0	5.0
110-57-6	trans-1,4-Dichloro-2-butene	<5.0	5.0
95-50-1	1,2-Dichlorobenzene	<5.0	5.0
541-73-1	1,3-Dichlorobenzene	<5.0	5.0
106-46-7	1,4-Dichlorobenzene	<5.0	5.0
75-71-8	Dichlorodifluoromethane	<25	25
75-34-3	1,1-Dichloroethane	<5.0	5.0
107-06-2	1,2-Dichloroethane	<5.0	5.0
75-35-4	1,1-Dichloroethene	<5.0	5.0
156-59-2	cis-1,2-Dichloroethene	**70**	5.0
156-60-5	trans-1,2-Dichloroethene	**20**	5.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-19i**	Sampled:	05/20/15 11:19		
Lab Sample ID:	**1505451-20**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	5	Analyzed:	05/30/15 06:57	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<5.0	5.0
10061-01-5	cis-1,3-Dichloropropene	<5.0	5.0
10061-02-6	trans-1,3-Dichloropropene	<5.0	5.0
100-41-4	Ethylbenzene	<5.0	5.0
60-29-7	Ethyl Ether	<25	25
591-78-6	2-Hexanone	<25	25
74-88-4	Iodomethane	<5.0	5.0
98-82-8	Isopropylbenzene	<5.0	5.0
99-87-6	4-Isopropyltoluene	<25	25
1634-04-4	Methyl tert-Butyl Ether	<25	25
75-09-2	Methylene Chloride	<25	25
78-93-3	2-Butanone (MEK)	<25	25
91-57-6	2-Methylnaphthalene	<25	25
108-10-1	4-Methyl-2-pentanone (MIBK)	<25	25
91-20-3	Naphthalene	<25	25
103-65-1	n-Propylbenzene	<5.0	5.0
100-42-5	Styrene	<5.0	5.0
630-20-6	1,1,1,2-Tetrachloroethane	<5.0	5.0
79-34-5	1,1,2,2-Tetrachloroethane	<5.0	5.0
127-18-4	Tetrachloroethene	<5.0	5.0
109-99-9	Tetrahydrofuran	<25	25
108-88-3	Toluene	<5.0	5.0
87-61-6	1,2,3-Trichlorobenzene	<25	25
120-82-1	1,2,4-Trichlorobenzene	<25	25
71-55-6	1,1,1-Trichloroethane	<5.0	5.0
79-00-5	1,1,2-Trichloroethane	<5.0	5.0
79-01-6	Trichloroethene	**550**	5.0
75-69-4	Trichlorofluoromethane	<5.0	5.0
96-18-4	1,2,3-Trichloropropane	<5.0	5.0
95-63-6	1,2,4-Trimethylbenzene	<5.0	5.0
108-67-8	1,3,5-Trimethylbenzene	<5.0	5.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**NS-19i**	Sampled:	05/20/15 11:19
Lab Sample ID:	**1505451-20**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	05/30/15 01:00 By: BAG
Dilution Factor:	5	Analyzed:	05/30/15 06:57 By: BAG
QC Batch:	1505497	Analytical Batch:	5F01028

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<5.0	5.0
179601-23-1	Xylene, Meta + Para	<10	10
95-47-6	Xylene, Ortho	<5.0	5.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-20s**	Sampled:	05/20/15 12:45		
Lab Sample ID:	**1505451-21**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	10	Analyzed:	06/01/15 15:05	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<200	200
107-13-1	Acrylonitrile	<20	20
71-43-2	Benzene	<10	10
108-86-1	Bromobenzene	<10	10
74-97-5	Bromochloromethane	<10	10
75-27-4	Bromodichloromethane	<10	10
75-25-2	Bromoform	<10	10
*74-83-9	Bromomethane	<50	50
104-51-8	n-Butylbenzene	<10	10
135-98-8	sec-Butylbenzene	<10	10
98-06-6	tert-Butylbenzene	<10	10
75-15-0	Carbon Disulfide	<10	10
56-23-5	Carbon Tetrachloride	<10	10
108-90-7	Chlorobenzene	<10	10
75-00-3	Chloroethane	<50	50
67-66-3	Chloroform	<10	10
74-87-3	Chloromethane	<50	50
96-12-8	1,2-Dibromo-3-chloropropane	<50	50
124-48-1	Dibromochloromethane	<10	10
106-93-4	1,2-Dibromoethane	<10	10
74-95-3	Dibromomethane	<10	10
110-57-6	trans-1,4-Dichloro-2-butene	<10	10
95-50-1	1,2-Dichlorobenzene	<10	10
541-73-1	1,3-Dichlorobenzene	<10	10
106-46-7	1,4-Dichlorobenzene	<10	10
75-71-8	Dichlorodifluoromethane	<50	50
75-34-3	1,1-Dichloroethane	**16**	10
107-06-2	1,2-Dichloroethane	<10	10
75-35-4	1,1-Dichloroethene	<10	10
156-59-2	cis-1,2-Dichloroethene	**610**	10
156-60-5	trans-1,2-Dichloroethene	<10	10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-20s**	Sampled:	05/20/15 12:45		
Lab Sample ID:	**1505451-21**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	10	Analyzed:	06/01/15 15:05	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<10	10
10061-01-5	cis-1,3-Dichloropropene	<10	10
10061-02-6	trans-1,3-Dichloropropene	<10	10
100-41-4	Ethylbenzene	<10	10
60-29-7	Ethyl Ether	<50	50
591-78-6	2-Hexanone	<50	50
74-88-4	Iodomethane	<10	10
98-82-8	Isopropylbenzene	<10	10
99-87-6	4-Isopropyltoluene	<50	50
1634-04-4	Methyl tert-Butyl Ether	<50	50
75-09-2	Methylene Chloride	<50	50
78-93-3	2-Butanone (MEK)	<50	50
91-57-6	2-Methylnaphthalene	<50	50
108-10-1	4-Methyl-2-pentanone (MIBK)	<50	50
91-20-3	Naphthalene	<50	50
103-65-1	n-Propylbenzene	<10	10
100-42-5	Styrene	<10	10
630-20-6	1,1,1,2-Tetrachloroethane	<10	10
79-34-5	1,1,2,2-Tetrachloroethane	<10	10
127-18-4	Tetrachloroethene	<10	10
109-99-9	Tetrahydrofuran	<50	50
108-88-3	Toluene	<10	10
87-61-6	1,2,3-Trichlorobenzene	<50	50
120-82-1	1,2,4-Trichlorobenzene	<50	50
71-55-6	1,1,1-Trichloroethane	**340**	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	**1200**	10
75-69-4	Trichlorofluoromethane	<10	10
96-18-4	1,2,3-Trichloropropane	<10	10
95-63-6	1,2,4-Trimethylbenzene	<10	10
108-67-8	1,3,5-Trimethylbenzene	<10	10

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-20s**	Sampled:	05/20/15 12:45		
Lab Sample ID:	**1505451-21**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	10	Analyzed:	06/01/15 15:05	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**120**	10
179601-23-1	Xylene, Meta + Para	<20	20
95-47-6	Xylene, Ortho	<10	10

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*101*	*85-118*
1,2-Dichloroethane-d4	*104*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-20i**	Sampled:	05/20/15 13:38		
Lab Sample ID:	**1505451-22**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/30/15 07:54	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	**11**	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	**1.1**	1.0
156-59-2	cis-1,2-Dichloroethene	**8.8**	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**NS-20i**	Sampled:	05/20/15 13:38		
Lab Sample ID:	**1505451-22**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/30/15 07:54	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	**11**	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**NS-20i**	Sampled:	05/20/15 13:38
Lab Sample ID:	**1505451-22**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	05/30/15 01:00 By: BAG
Dilution Factor:	1	Analyzed:	05/30/15 07:54 By: BAG
QC Batch:	1505497	Analytical Batch:	5F01028

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**20**	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-23**	Sampled:	05/20/15 15:02		
Lab Sample ID:	**1505451-23**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/30/15 08:22	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-23**	Sampled:	05/20/15 15:02		
Lab Sample ID:	**1505451-23**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/30/15 08:22	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-23**	Sampled:	05/20/15 15:02		
Lab Sample ID:	**1505451-23**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/30/15 08:22	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**130**	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*104*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-20s**	Sampled:	05/20/15 16:01		
Lab Sample ID:	**1505451-24**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/30/15 08:51	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	**7.8**	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	**1.5**	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-20s**	Sampled:	05/20/15 16:01		
Lab Sample ID:	**1505451-24**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	1	Analyzed:	05/30/15 08:51	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	**96**	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	**110**	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-20s**	Sampled:	05/20/15 16:01
Lab Sample ID:	**1505451-24**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	05/30/15 01:00 By: BAG
Dilution Factor:	1	Analyzed:	05/30/15 08:51 By: BAG
QC Batch:	1505497	Analytical Batch:	5F01028

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*102*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-20d**	Sampled:	05/20/15 16:40		
Lab Sample ID:	**1505451-25**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	2	Analyzed:	05/30/15 09:19	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<40	40
107-13-1	Acrylonitrile	<4.0	4.0
71-43-2	Benzene	<2.0	2.0
108-86-1	Bromobenzene	<2.0	2.0
74-97-5	Bromochloromethane	<2.0	2.0
75-27-4	Bromodichloromethane	<2.0	2.0
75-25-2	Bromoform	<2.0	2.0
*74-83-9	Bromomethane	<10	10
104-51-8	n-Butylbenzene	<2.0	2.0
135-98-8	sec-Butylbenzene	<2.0	2.0
98-06-6	tert-Butylbenzene	<2.0	2.0
75-15-0	Carbon Disulfide	<2.0	2.0
56-23-5	Carbon Tetrachloride	<2.0	2.0
108-90-7	Chlorobenzene	<2.0	2.0
75-00-3	Chloroethane	<10	10
67-66-3	Chloroform	<2.0	2.0
74-87-3	Chloromethane	<10	10
96-12-8	1,2-Dibromo-3-chloropropane	<10	10
124-48-1	Dibromochloromethane	<2.0	2.0
106-93-4	1,2-Dibromoethane	<2.0	2.0
74-95-3	Dibromomethane	<2.0	2.0
110-57-6	trans-1,4-Dichloro-2-butene	<2.0	2.0
95-50-1	1,2-Dichlorobenzene	<2.0	2.0
541-73-1	1,3-Dichlorobenzene	<2.0	2.0
106-46-7	1,4-Dichlorobenzene	<2.0	2.0
75-71-8	Dichlorodifluoromethane	<10	10
75-34-3	1,1-Dichloroethane	<2.0	2.0
107-06-2	1,2-Dichloroethane	<2.0	2.0
75-35-4	1,1-Dichloroethene	<2.0	2.0
156-59-2	cis-1,2-Dichloroethene	**360**	2.0
156-60-5	trans-1,2-Dichloroethene	**2.1**	2.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-20d**	Sampled:	05/20/15 16:40		
Lab Sample ID:	**1505451-25**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	2	Analyzed:	05/30/15 09:19	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<2.0	2.0
10061-01-5	cis-1,3-Dichloropropene	<2.0	2.0
10061-02-6	trans-1,3-Dichloropropene	<2.0	2.0
100-41-4	Ethylbenzene	<2.0	2.0
60-29-7	Ethyl Ether	<10	10
591-78-6	2-Hexanone	<10	10
74-88-4	Iodomethane	<2.0	2.0
98-82-8	Isopropylbenzene	<2.0	2.0
99-87-6	4-Isopropyltoluene	<10	10
1634-04-4	Methyl tert-Butyl Ether	<10	10
75-09-2	Methylene Chloride	<10	10
78-93-3	2-Butanone (MEK)	<10	10
91-57-6	2-Methylnaphthalene	<10	10
108-10-1	4-Methyl-2-pentanone (MIBK)	<10	10
91-20-3	Naphthalene	<10	10
103-65-1	n-Propylbenzene	<2.0	2.0
100-42-5	Styrene	<2.0	2.0
630-20-6	1,1,1,2-Tetrachloroethane	<2.0	2.0
79-34-5	1,1,2,2-Tetrachloroethane	<2.0	2.0
127-18-4	Tetrachloroethene	<2.0	2.0
109-99-9	Tetrahydrofuran	<10	10
108-88-3	Toluene	<2.0	2.0
87-61-6	1,2,3-Trichlorobenzene	<10	10
120-82-1	1,2,4-Trichlorobenzene	<10	10
71-55-6	1,1,1-Trichloroethane	<2.0	2.0
79-00-5	1,1,2-Trichloroethane	<2.0	2.0
79-01-6	Trichloroethene	**3.5**	2.0
75-69-4	Trichlorofluoromethane	<2.0	2.0
96-18-4	1,2,3-Trichloropropane	<2.0	2.0
95-63-6	1,2,4-Trimethylbenzene	<2.0	2.0
108-67-8	1,3,5-Trimethylbenzene	<2.0	2.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-20d**	Sampled:	05/20/15 16:40		
Lab Sample ID:	**1505451-25**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	2	Analyzed:	05/30/15 09:19	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**65**	2.0
179601-23-1	Xylene, Meta + Para	<4.0	4.0
95-47-6	Xylene, Ortho	<2.0	2.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*97*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*98*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-38s**	Sampled:	05/21/15 07:15		
Lab Sample ID:	**1505451-26**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	2	Analyzed:	05/30/15 09:48	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<40	40
107-13-1	Acrylonitrile	<4.0	4.0
71-43-2	Benzene	<2.0	2.0
108-86-1	Bromobenzene	<2.0	2.0
74-97-5	Bromochloromethane	<2.0	2.0
75-27-4	Bromodichloromethane	<2.0	2.0
75-25-2	Bromoform	<2.0	2.0
*74-83-9	Bromomethane	<10	10
104-51-8	n-Butylbenzene	<2.0	2.0
135-98-8	sec-Butylbenzene	<2.0	2.0
98-06-6	tert-Butylbenzene	<2.0	2.0
75-15-0	Carbon Disulfide	<2.0	2.0
56-23-5	Carbon Tetrachloride	<2.0	2.0
108-90-7	Chlorobenzene	<2.0	2.0
75-00-3	Chloroethane	<10	10
67-66-3	Chloroform	<2.0	2.0
74-87-3	Chloromethane	<10	10
96-12-8	1,2-Dibromo-3-chloropropane	<10	10
124-48-1	Dibromochloromethane	<2.0	2.0
106-93-4	1,2-Dibromoethane	<2.0	2.0
74-95-3	Dibromomethane	<2.0	2.0
110-57-6	trans-1,4-Dichloro-2-butene	<2.0	2.0
95-50-1	1,2-Dichlorobenzene	<2.0	2.0
541-73-1	1,3-Dichlorobenzene	<2.0	2.0
106-46-7	1,4-Dichlorobenzene	<2.0	2.0
75-71-8	Dichlorodifluoromethane	<10	10
75-34-3	1,1-Dichloroethane	**8.1**	2.0
107-06-2	1,2-Dichloroethane	<2.0	2.0
75-35-4	1,1-Dichloroethene	<2.0	2.0
156-59-2	cis-1,2-Dichloroethene	**23**	2.0
156-60-5	trans-1,2-Dichloroethene	**2.4**	2.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-38s**	Sampled:	05/21/15 07:15		
Lab Sample ID:	**1505451-26**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	2	Analyzed:	05/30/15 09:48	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<2.0	2.0
10061-01-5	cis-1,3-Dichloropropene	<2.0	2.0
10061-02-6	trans-1,3-Dichloropropene	<2.0	2.0
100-41-4	Ethylbenzene	<2.0	2.0
60-29-7	Ethyl Ether	<10	10
591-78-6	2-Hexanone	<10	10
74-88-4	Iodomethane	<2.0	2.0
98-82-8	Isopropylbenzene	<2.0	2.0
99-87-6	4-Isopropyltoluene	<10	10
1634-04-4	Methyl tert-Butyl Ether	<10	10
75-09-2	Methylene Chloride	<10	10
78-93-3	2-Butanone (MEK)	<10	10
91-57-6	2-Methylnaphthalene	<10	10
108-10-1	4-Methyl-2-pentanone (MIBK)	<10	10
91-20-3	Naphthalene	<10	10
103-65-1	n-Propylbenzene	<2.0	2.0
100-42-5	Styrene	<2.0	2.0
630-20-6	1,1,1,2-Tetrachloroethane	<2.0	2.0
79-34-5	1,1,2,2-Tetrachloroethane	<2.0	2.0
127-18-4	Tetrachloroethene	<2.0	2.0
109-99-9	Tetrahydrofuran	<10	10
108-88-3	Toluene	<2.0	2.0
87-61-6	1,2,3-Trichlorobenzene	<10	10
120-82-1	1,2,4-Trichlorobenzene	<10	10
71-55-6	1,1,1-Trichloroethane	**15**	2.0
79-00-5	1,1,2-Trichloroethane	<2.0	2.0
79-01-6	Trichloroethene	**250**	2.0
75-69-4	Trichlorofluoromethane	<2.0	2.0
96-18-4	1,2,3-Trichloropropane	<2.0	2.0
95-63-6	1,2,4-Trimethylbenzene	<2.0	2.0
108-67-8	1,3,5-Trimethylbenzene	<2.0	2.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-38s**	Sampled:	05/21/15 07:15		
Lab Sample ID:	**1505451-26**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	2	Analyzed:	05/30/15 09:48	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**10**	2.0
179601-23-1	Xylene, Meta + Para	<4.0	4.0
95-47-6	Xylene, Ortho	<2.0	2.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-01s**	Sampled:	05/21/15 08:00		
Lab Sample ID:	**1505451-27**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	10	Analyzed:	05/30/15 10:16	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<200	200
107-13-1	Acrylonitrile	<20	20
71-43-2	Benzene	<10	10
108-86-1	Bromobenzene	<10	10
74-97-5	Bromochloromethane	<10	10
75-27-4	Bromodichloromethane	<10	10
75-25-2	Bromoform	<10	10
*74-83-9	Bromomethane	<50	50
104-51-8	n-Butylbenzene	<10	10
135-98-8	sec-Butylbenzene	<10	10
98-06-6	tert-Butylbenzene	<10	10
75-15-0	Carbon Disulfide	<10	10
56-23-5	Carbon Tetrachloride	<10	10
108-90-7	Chlorobenzene	<10	10
75-00-3	Chloroethane	<50	50
67-66-3	Chloroform	<10	10
74-87-3	Chloromethane	<50	50
96-12-8	1,2-Dibromo-3-chloropropane	<50	50
124-48-1	Dibromochloromethane	<10	10
106-93-4	1,2-Dibromoethane	<10	10
74-95-3	Dibromomethane	<10	10
110-57-6	trans-1,4-Dichloro-2-butene	<10	10
95-50-1	1,2-Dichlorobenzene	<10	10
541-73-1	1,3-Dichlorobenzene	<10	10
106-46-7	1,4-Dichlorobenzene	<10	10
75-71-8	Dichlorodifluoromethane	<50	50
75-34-3	1,1-Dichloroethane	<10	10
107-06-2	1,2-Dichloroethane	<10	10
75-35-4	1,1-Dichloroethene	<10	10
156-59-2	cis-1,2-Dichloroethene	**11**	10
156-60-5	trans-1,2-Dichloroethene	<10	10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-01s**	Sampled:	05/21/15 08:00
Lab Sample ID:	**1505451-27**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	05/30/15 01:00 By: BAG
Dilution Factor:	10	Analyzed:	05/30/15 10:16 By: BAG
QC Batch:	1505497	Analytical Batch:	5F01028

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<10	10
10061-01-5	cis-1,3-Dichloropropene	<10	10
10061-02-6	trans-1,3-Dichloropropene	<10	10
100-41-4	Ethylbenzene	<10	10
60-29-7	Ethyl Ether	<50	50
591-78-6	2-Hexanone	<50	50
74-88-4	Iodomethane	<10	10
98-82-8	Isopropylbenzene	<10	10
99-87-6	4-Isopropyltoluene	<50	50
1634-04-4	Methyl tert-Butyl Ether	<50	50
75-09-2	Methylene Chloride	<50	50
78-93-3	2-Butanone (MEK)	<50	50
91-57-6	2-Methylnaphthalene	<50	50
108-10-1	4-Methyl-2-pentanone (MIBK)	<50	50
91-20-3	Naphthalene	<50	50
103-65-1	n-Propylbenzene	<10	10
100-42-5	Styrene	<10	10
630-20-6	1,1,1,2-Tetrachloroethane	<10	10
79-34-5	1,1,2,2-Tetrachloroethane	<10	10
127-18-4	Tetrachloroethene	<10	10
109-99-9	Tetrahydrofuran	<50	50
108-88-3	Toluene	<10	10
87-61-6	1,2,3-Trichlorobenzene	<50	50
120-82-1	1,2,4-Trichlorobenzene	<50	50
71-55-6	1,1,1-Trichloroethane	**370**	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	**1900**	10
75-69-4	Trichlorofluoromethane	<10	10
96-18-4	1,2,3-Trichloropropane	<10	10
95-63-6	1,2,4-Trimethylbenzene	<10	10
108-67-8	1,3,5-Trimethylbenzene	<10	10

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-01s**	Sampled:	05/21/15 08:00		
Lab Sample ID:	**1505451-27**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	10	Analyzed:	05/30/15 10:16	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<10	10
179601-23-1	Xylene, Meta + Para	<20	20
95-47-6	Xylene, Ortho	<10	10

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*100*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*98*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-34s**	Sampled:	05/21/15 08:35		
Lab Sample ID:	**1505451-28**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	5	Analyzed:	05/30/15 10:45	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<100	100
107-13-1	Acrylonitrile	<10	10
71-43-2	Benzene	<5.0	5.0
108-86-1	Bromobenzene	<5.0	5.0
74-97-5	Bromochloromethane	<5.0	5.0
75-27-4	Bromodichloromethane	<5.0	5.0
75-25-2	Bromoform	<5.0	5.0
*74-83-9	Bromomethane	<25	25
104-51-8	n-Butylbenzene	<5.0	5.0
135-98-8	sec-Butylbenzene	<5.0	5.0
98-06-6	tert-Butylbenzene	<5.0	5.0
75-15-0	Carbon Disulfide	<5.0	5.0
56-23-5	Carbon Tetrachloride	**17**	5.0
108-90-7	Chlorobenzene	<5.0	5.0
75-00-3	Chloroethane	<25	25
67-66-3	Chloroform	<5.0	5.0
74-87-3	Chloromethane	<25	25
96-12-8	1,2-Dibromo-3-chloropropane	<25	25
124-48-1	Dibromochloromethane	<5.0	5.0
106-93-4	1,2-Dibromoethane	<5.0	5.0
74-95-3	Dibromomethane	<5.0	5.0
110-57-6	trans-1,4-Dichloro-2-butene	<5.0	5.0
95-50-1	1,2-Dichlorobenzene	<5.0	5.0
541-73-1	1,3-Dichlorobenzene	<5.0	5.0
106-46-7	1,4-Dichlorobenzene	<5.0	5.0
75-71-8	Dichlorodifluoromethane	<25	25
75-34-3	1,1-Dichloroethane	<5.0	5.0
107-06-2	1,2-Dichloroethane	<5.0	5.0
75-35-4	1,1-Dichloroethene	<5.0	5.0
156-59-2	cis-1,2-Dichloroethene	<5.0	5.0
156-60-5	trans-1,2-Dichloroethene	<5.0	5.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-34s**	Sampled:	05/21/15 08:35
Lab Sample ID:	**1505451-28**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	05/30/15 01:00 By: BAG
Dilution Factor:	5	Analyzed:	05/30/15 10:45 By: BAG
QC Batch:	1505497	Analytical Batch:	5F01028

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<5.0	5.0
10061-01-5	cis-1,3-Dichloropropene	<5.0	5.0
10061-02-6	trans-1,3-Dichloropropene	<5.0	5.0
100-41-4	Ethylbenzene	<5.0	5.0
60-29-7	Ethyl Ether	<25	25
591-78-6	2-Hexanone	<25	25
74-88-4	Iodomethane	<5.0	5.0
98-82-8	Isopropylbenzene	<5.0	5.0
99-87-6	4-Isopropyltoluene	<25	25
1634-04-4	Methyl tert-Butyl Ether	<25	25
75-09-2	Methylene Chloride	<25	25
78-93-3	2-Butanone (MEK)	<25	25
91-57-6	2-Methylnaphthalene	<25	25
108-10-1	4-Methyl-2-pentanone (MIBK)	<25	25
91-20-3	Naphthalene	<25	25
103-65-1	n-Propylbenzene	<5.0	5.0
100-42-5	Styrene	<5.0	5.0
630-20-6	1,1,1,2-Tetrachloroethane	<5.0	5.0
79-34-5	1,1,2,2-Tetrachloroethane	<5.0	5.0
127-18-4	Tetrachloroethene	<5.0	5.0
109-99-9	Tetrahydrofuran	<25	25
108-88-3	Toluene	<5.0	5.0
87-61-6	1,2,3-Trichlorobenzene	<25	25
120-82-1	1,2,4-Trichlorobenzene	<25	25
71-55-6	1,1,1-Trichloroethane	**560**	5.0
79-00-5	1,1,2-Trichloroethane	<5.0	5.0
79-01-6	Trichloroethene	**530**	5.0
75-69-4	Trichlorofluoromethane	<5.0	5.0
96-18-4	1,2,3-Trichloropropane	<5.0	5.0
95-63-6	1,2,4-Trimethylbenzene	<5.0	5.0
108-67-8	1,3,5-Trimethylbenzene	<5.0	5.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-34s**	Sampled:	05/21/15 08:35
Lab Sample ID:	**1505451-28**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	05/30/15 01:00 By: BAG
Dilution Factor:	5	Analyzed:	05/30/15 10:45 By: BAG
QC Batch:	1505497	Analytical Batch:	5F01028

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<5.0	5.0
179601-23-1	Xylene, Meta + Para	<10	10
95-47-6	Xylene, Ortho	<5.0	5.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*102*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**DUP-03**	Sampled:	05/21/15 00:00		
Lab Sample ID:	**1505451-29**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	5	Analyzed:	06/01/15 16:30	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<100	100
107-13-1	Acrylonitrile	<10	10
71-43-2	Benzene	<5.0	5.0
108-86-1	Bromobenzene	<5.0	5.0
74-97-5	Bromochloromethane	<5.0	5.0
75-27-4	Bromodichloromethane	<5.0	5.0
75-25-2	Bromoform	<5.0	5.0
*74-83-9	Bromomethane	<25	25
104-51-8	n-Butylbenzene	<5.0	5.0
135-98-8	sec-Butylbenzene	<5.0	5.0
98-06-6	tert-Butylbenzene	<5.0	5.0
75-15-0	Carbon Disulfide	<5.0	5.0
56-23-5	Carbon Tetrachloride	<5.0	5.0
108-90-7	Chlorobenzene	<5.0	5.0
75-00-3	Chloroethane	<25	25
67-66-3	Chloroform	<5.0	5.0
74-87-3	Chloromethane	<25	25
96-12-8	1,2-Dibromo-3-chloropropane	<25	25
124-48-1	Dibromochloromethane	<5.0	5.0
106-93-4	1,2-Dibromoethane	<5.0	5.0
74-95-3	Dibromomethane	<5.0	5.0
110-57-6	trans-1,4-Dichloro-2-butene	<5.0	5.0
95-50-1	1,2-Dichlorobenzene	<5.0	5.0
541-73-1	1,3-Dichlorobenzene	<5.0	5.0
106-46-7	1,4-Dichlorobenzene	<5.0	5.0
75-71-8	Dichlorodifluoromethane	<25	25
75-34-3	1,1-Dichloroethane	<5.0	5.0
107-06-2	1,2-Dichloroethane	<5.0	5.0
75-35-4	1,1-Dichloroethene	<5.0	5.0
156-59-2	cis-1,2-Dichloroethene	<5.0	5.0
156-60-5	trans-1,2-Dichloroethene	<5.0	5.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**DUP-03**	Sampled:	05/21/15 00:00		
Lab Sample ID:	**1505451-29**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	5	Analyzed:	06/01/15 16:30	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<5.0	5.0
10061-01-5	cis-1,3-Dichloropropene	<5.0	5.0
10061-02-6	trans-1,3-Dichloropropene	<5.0	5.0
100-41-4	Ethylbenzene	<5.0	5.0
60-29-7	Ethyl Ether	<25	25
591-78-6	2-Hexanone	<25	25
74-88-4	Iodomethane	<5.0	5.0
98-82-8	Isopropylbenzene	<5.0	5.0
99-87-6	4-Isopropyltoluene	<25	25
1634-04-4	Methyl tert-Butyl Ether	<25	25
75-09-2	Methylene Chloride	<25	25
78-93-3	2-Butanone (MEK)	<25	25
91-57-6	2-Methylnaphthalene	<25	25
108-10-1	4-Methyl-2-pentanone (MIBK)	<25	25
91-20-3	Naphthalene	<25	25
103-65-1	n-Propylbenzene	<5.0	5.0
100-42-5	Styrene	<5.0	5.0
630-20-6	1,1,1,2-Tetrachloroethane	<5.0	5.0
79-34-5	1,1,2,2-Tetrachloroethane	<5.0	5.0
127-18-4	Tetrachloroethene	<5.0	5.0
109-99-9	Tetrahydrofuran	<25	25
108-88-3	Toluene	<5.0	5.0
87-61-6	1,2,3-Trichlorobenzene	<25	25
120-82-1	1,2,4-Trichlorobenzene	<25	25
71-55-6	1,1,1-Trichloroethane	<5.0	5.0
79-00-5	1,1,2-Trichloroethane	<5.0	5.0
79-01-6	Trichloroethene	**640**	5.0
75-69-4	Trichlorofluoromethane	<5.0	5.0
96-18-4	1,2,3-Trichloropropane	<5.0	5.0
95-63-6	1,2,4-Trimethylbenzene	<5.0	5.0
108-67-8	1,3,5-Trimethylbenzene	<5.0	5.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**DUP-03**	Sampled:	05/21/15 00:00
Lab Sample ID:	**1505451-29**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	06/01/15 08:00 By: BAG
Dilution Factor:	5	Analyzed:	06/01/15 16:30 By: BAG
QC Batch:	1505546	Analytical Batch:	5F02008

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<5.0	5.0
179601-23-1	Xylene, Meta + Para	<10	10
95-47-6	Xylene, Ortho	<5.0	5.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*105*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*98*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-37s**	Sampled:	05/21/15 09:34		
Lab Sample ID:	**1505451-30**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	5	Analyzed:	05/30/15 11:41	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<100	100
107-13-1	Acrylonitrile	<10	10
71-43-2	Benzene	<5.0	5.0
108-86-1	Bromobenzene	<5.0	5.0
74-97-5	Bromochloromethane	<5.0	5.0
75-27-4	Bromodichloromethane	<5.0	5.0
75-25-2	Bromoform	<5.0	5.0
*74-83-9	Bromomethane	<25	25
104-51-8	n-Butylbenzene	<5.0	5.0
135-98-8	sec-Butylbenzene	<5.0	5.0
98-06-6	tert-Butylbenzene	<5.0	5.0
75-15-0	Carbon Disulfide	<5.0	5.0
56-23-5	Carbon Tetrachloride	<5.0	5.0
108-90-7	Chlorobenzene	<5.0	5.0
75-00-3	Chloroethane	<25	25
67-66-3	Chloroform	<5.0	5.0
74-87-3	Chloromethane	<25	25
96-12-8	1,2-Dibromo-3-chloropropane	<25	25
124-48-1	Dibromochloromethane	<5.0	5.0
106-93-4	1,2-Dibromoethane	<5.0	5.0
74-95-3	Dibromomethane	<5.0	5.0
110-57-6	trans-1,4-Dichloro-2-butene	<5.0	5.0
95-50-1	1,2-Dichlorobenzene	<5.0	5.0
541-73-1	1,3-Dichlorobenzene	<5.0	5.0
106-46-7	1,4-Dichlorobenzene	<5.0	5.0
75-71-8	Dichlorodifluoromethane	<25	25
75-34-3	1,1-Dichloroethane	<5.0	5.0
107-06-2	1,2-Dichloroethane	<5.0	5.0
75-35-4	1,1-Dichloroethene	<5.0	5.0
156-59-2	cis-1,2-Dichloroethene	<5.0	5.0
156-60-5	trans-1,2-Dichloroethene	<5.0	5.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-37s**	Sampled:	05/21/15 09:34		
Lab Sample ID:	**1505451-30**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	5	Analyzed:	05/30/15 11:41	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<5.0	5.0
10061-01-5	cis-1,3-Dichloropropene	<5.0	5.0
10061-02-6	trans-1,3-Dichloropropene	<5.0	5.0
100-41-4	Ethylbenzene	<5.0	5.0
60-29-7	Ethyl Ether	<25	25
591-78-6	2-Hexanone	<25	25
74-88-4	Iodomethane	<5.0	5.0
98-82-8	Isopropylbenzene	<5.0	5.0
99-87-6	4-Isopropyltoluene	<25	25
1634-04-4	Methyl tert-Butyl Ether	<25	25
75-09-2	Methylene Chloride	<25	25
78-93-3	2-Butanone (MEK)	<25	25
91-57-6	2-Methylnaphthalene	<25	25
108-10-1	4-Methyl-2-pentanone (MIBK)	<25	25
91-20-3	Naphthalene	<25	25
103-65-1	n-Propylbenzene	<5.0	5.0
100-42-5	Styrene	<5.0	5.0
630-20-6	1,1,1,2-Tetrachloroethane	<5.0	5.0
79-34-5	1,1,2,2-Tetrachloroethane	<5.0	5.0
127-18-4	Tetrachloroethene	<5.0	5.0
109-99-9	Tetrahydrofuran	<25	25
108-88-3	Toluene	<5.0	5.0
87-61-6	1,2,3-Trichlorobenzene	<25	25
120-82-1	1,2,4-Trichlorobenzene	<25	25
71-55-6	1,1,1-Trichloroethane	<5.0	5.0
79-00-5	1,1,2-Trichloroethane	<5.0	5.0
79-01-6	Trichloroethene	**630**	5.0
75-69-4	Trichlorofluoromethane	<5.0	5.0
96-18-4	1,2,3-Trichloropropane	<5.0	5.0
95-63-6	1,2,4-Trimethylbenzene	<5.0	5.0
108-67-8	1,3,5-Trimethylbenzene	<5.0	5.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-37s**	Sampled:	05/21/15 09:34		
Lab Sample ID:	**1505451-30**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	05/30/15 01:00	By:	BAG
Dilution Factor:	5	Analyzed:	05/30/15 11:41	By:	BAG
QC Batch:	1505497	Analytical Batch:	5F01028		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<5.0	5.0
179601-23-1	Xylene, Meta + Para	<10	10
95-47-6	Xylene, Ortho	<5.0	5.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*97*	*85-118*
1,2-Dichloroethane-d4	*104*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-39s**	Sampled:	05/21/15 10:20		
Lab Sample ID:	**1505451-31**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	10	Analyzed:	06/01/15 15:33	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<200	200
107-13-1	Acrylonitrile	<20	20
71-43-2	Benzene	<10	10
108-86-1	Bromobenzene	<10	10
74-97-5	Bromochloromethane	<10	10
75-27-4	Bromodichloromethane	<10	10
75-25-2	Bromoform	<10	10
*74-83-9	Bromomethane	<50	50
104-51-8	n-Butylbenzene	<10	10
135-98-8	sec-Butylbenzene	<10	10
98-06-6	tert-Butylbenzene	<10	10
75-15-0	Carbon Disulfide	<10	10
56-23-5	Carbon Tetrachloride	<10	10
108-90-7	Chlorobenzene	<10	10
75-00-3	Chloroethane	<50	50
67-66-3	Chloroform	<10	10
74-87-3	Chloromethane	<50	50
96-12-8	1,2-Dibromo-3-chloropropane	<50	50
124-48-1	Dibromochloromethane	<10	10
106-93-4	1,2-Dibromoethane	<10	10
74-95-3	Dibromomethane	<10	10
110-57-6	trans-1,4-Dichloro-2-butene	<10	10
95-50-1	1,2-Dichlorobenzene	<10	10
541-73-1	1,3-Dichlorobenzene	<10	10
106-46-7	1,4-Dichlorobenzene	<10	10
75-71-8	Dichlorodifluoromethane	<50	50
75-34-3	1,1-Dichloroethane	**99**	10
107-06-2	1,2-Dichloroethane	<10	10
75-35-4	1,1-Dichloroethene	**22**	10
156-59-2	cis-1,2-Dichloroethene	**62**	10
156-60-5	trans-1,2-Dichloroethene	<10	10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-39s**	Sampled:	05/21/15 10:20		
Lab Sample ID:	**1505451-31**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	10	Analyzed:	06/01/15 15:33	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<10	10
10061-01-5	cis-1,3-Dichloropropene	<10	10
10061-02-6	trans-1,3-Dichloropropene	<10	10
100-41-4	Ethylbenzene	<10	10
60-29-7	Ethyl Ether	<50	50
591-78-6	2-Hexanone	<50	50
74-88-4	Iodomethane	<10	10
98-82-8	Isopropylbenzene	<10	10
99-87-6	4-Isopropyltoluene	<50	50
1634-04-4	Methyl tert-Butyl Ether	<50	50
75-09-2	Methylene Chloride	<50	50
78-93-3	2-Butanone (MEK)	<50	50
91-57-6	2-Methylnaphthalene	<50	50
108-10-1	4-Methyl-2-pentanone (MIBK)	<50	50
91-20-3	Naphthalene	<50	50
103-65-1	n-Propylbenzene	<10	10
100-42-5	Styrene	<10	10
630-20-6	1,1,1,2-Tetrachloroethane	<10	10
79-34-5	1,1,2,2-Tetrachloroethane	<10	10
127-18-4	Tetrachloroethene	<10	10
109-99-9	Tetrahydrofuran	<50	50
108-88-3	Toluene	<10	10
87-61-6	1,2,3-Trichlorobenzene	<50	50
120-82-1	1,2,4-Trichlorobenzene	<50	50
71-55-6	1,1,1-Trichloroethane	**110**	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	**870**	10
75-69-4	Trichlorofluoromethane	<10	10
96-18-4	1,2,3-Trichloropropane	<10	10
95-63-6	1,2,4-Trimethylbenzene	<10	10
108-67-8	1,3,5-Trimethylbenzene	<10	10

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-39s**	Sampled:	05/21/15 10:20		
Lab Sample ID:	**1505451-31**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	10	Analyzed:	06/01/15 15:33	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<10	10
179601-23-1	Xylene, Meta + Para	<20	20
95-47-6	Xylene, Ortho	<10	10

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*100*	*85-118*
1,2-Dichloroethane-d4	*104*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-03s**	Sampled:	05/21/15 11:07		
Lab Sample ID:	**1505451-32**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	10	Analyzed:	06/01/15 11:17	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<200	200
107-13-1	Acrylonitrile	<20	20
71-43-2	Benzene	<10	10
108-86-1	Bromobenzene	<10	10
74-97-5	Bromochloromethane	<10	10
75-27-4	Bromodichloromethane	<10	10
75-25-2	Bromoform	<10	10
*74-83-9	Bromomethane	<50	50
104-51-8	n-Butylbenzene	<10	10
135-98-8	sec-Butylbenzene	<10	10
98-06-6	tert-Butylbenzene	<10	10
75-15-0	Carbon Disulfide	<10	10
56-23-5	Carbon Tetrachloride	<10	10
108-90-7	Chlorobenzene	<10	10
75-00-3	Chloroethane	<50	50
67-66-3	Chloroform	<10	10
74-87-3	Chloromethane	<50	50
96-12-8	1,2-Dibromo-3-chloropropane	<50	50
124-48-1	Dibromochloromethane	<10	10
106-93-4	1,2-Dibromoethane	<10	10
74-95-3	Dibromomethane	<10	10
110-57-6	trans-1,4-Dichloro-2-butene	<10	10
95-50-1	1,2-Dichlorobenzene	<10	10
541-73-1	1,3-Dichlorobenzene	<10	10
106-46-7	1,4-Dichlorobenzene	<10	10
75-71-8	Dichlorodifluoromethane	<50	50
75-34-3	1,1-Dichloroethane	**20**	10
107-06-2	1,2-Dichloroethane	<10	10
75-35-4	1,1-Dichloroethene	<10	10
156-59-2	cis-1,2-Dichloroethene	**1800**	10
156-60-5	trans-1,2-Dichloroethene	**130**	10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-03s**	Sampled:	05/21/15 11:07		
Lab Sample ID:	**1505451-32**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	10	Analyzed:	06/01/15 11:17	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<10	10
10061-01-5	cis-1,3-Dichloropropene	<10	10
10061-02-6	trans-1,3-Dichloropropene	<10	10
100-41-4	Ethylbenzene	<10	10
60-29-7	Ethyl Ether	<50	50
591-78-6	2-Hexanone	<50	50
74-88-4	Iodomethane	<10	10
98-82-8	Isopropylbenzene	<10	10
99-87-6	4-Isopropyltoluene	<50	50
1634-04-4	Methyl tert-Butyl Ether	<50	50
75-09-2	Methylene Chloride	<50	50
78-93-3	2-Butanone (MEK)	<50	50
91-57-6	2-Methylnaphthalene	<50	50
108-10-1	4-Methyl-2-pentanone (MIBK)	<50	50
91-20-3	Naphthalene	<50	50
103-65-1	n-Propylbenzene	<10	10
100-42-5	Styrene	<10	10
630-20-6	1,1,1,2-Tetrachloroethane	<10	10
79-34-5	1,1,2,2-Tetrachloroethane	<10	10
127-18-4	Tetrachloroethene	<10	10
109-99-9	Tetrahydrofuran	<50	50
108-88-3	Toluene	<10	10
87-61-6	1,2,3-Trichlorobenzene	<50	50
120-82-1	1,2,4-Trichlorobenzene	<50	50
71-55-6	1,1,1-Trichloroethane	<10	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	<10	10
75-69-4	Trichlorofluoromethane	<10	10
96-18-4	1,2,3-Trichloropropane	<10	10
95-63-6	1,2,4-Trimethylbenzene	<10	10
108-67-8	1,3,5-Trimethylbenzene	<10	10

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-03s**	Sampled:	05/21/15 11:07		
Lab Sample ID:	**1505451-32**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	10	Analyzed:	06/01/15 11:17	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**450**	10
179601-23-1	Xylene, Meta + Para	<20	20
95-47-6	Xylene, Ortho	<10	10

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*101*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*98*	*82-110*

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**EB-03**	Sampled:	05/21/15 11:15		
Lab Sample ID:	**1505451-33**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/01/15 11:45	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**EB-03**	Sampled:	05/21/15 11:15
Lab Sample ID:	**1505451-33**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	06/01/15 08:00 By: BAG
Dilution Factor:	1	Analyzed:	06/01/15 11:45 By: BAG
QC Batch:	1505546	Analytical Batch:	5F02008

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**EB-03**	Sampled:	05/21/15 11:15		
Lab Sample ID:	**1505451-33**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/01/15 11:45	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*102*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-04s**	Sampled:	05/21/15 11:55		
Lab Sample ID:	**1505451-34**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	50	Analyzed:	06/01/15 12:14	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<1000	1000
107-13-1	Acrylonitrile	<100	100
71-43-2	Benzene	<50	50
108-86-1	Bromobenzene	<50	50
74-97-5	Bromochloromethane	<50	50
75-27-4	Bromodichloromethane	<50	50
75-25-2	Bromoform	<50	50
*74-83-9	Bromomethane	<250	250
104-51-8	n-Butylbenzene	<50	50
135-98-8	sec-Butylbenzene	<50	50
98-06-6	tert-Butylbenzene	<50	50
75-15-0	Carbon Disulfide	<50	50
56-23-5	Carbon Tetrachloride	<50	50
108-90-7	Chlorobenzene	<50	50
75-00-3	Chloroethane	<250	250
67-66-3	Chloroform	<50	50
74-87-3	Chloromethane	<250	250
96-12-8	1,2-Dibromo-3-chloropropane	<250	250
124-48-1	Dibromochloromethane	<50	50
106-93-4	1,2-Dibromoethane	<50	50
74-95-3	Dibromomethane	<50	50
110-57-6	trans-1,4-Dichloro-2-butene	<50	50
95-50-1	1,2-Dichlorobenzene	<50	50
541-73-1	1,3-Dichlorobenzene	<50	50
106-46-7	1,4-Dichlorobenzene	<50	50
75-71-8	Dichlorodifluoromethane	<250	250
75-34-3	1,1-Dichloroethane	<50	50
107-06-2	1,2-Dichloroethane	<50	50
75-35-4	1,1-Dichloroethene	<50	50
156-59-2	cis-1,2-Dichloroethene	**1700**	50
156-60-5	trans-1,2-Dichloroethene	**64**	50

Continued on next page

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-04s**	Sampled:	05/21/15 11:55		
Lab Sample ID:	**1505451-34**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	50	Analyzed:	06/01/15 12:14	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<50	50
10061-01-5	cis-1,3-Dichloropropene	<50	50
10061-02-6	trans-1,3-Dichloropropene	<50	50
100-41-4	Ethylbenzene	<50	50
60-29-7	Ethyl Ether	<250	250
591-78-6	2-Hexanone	<250	250
74-88-4	Iodomethane	<50	50
98-82-8	Isopropylbenzene	<50	50
99-87-6	4-Isopropyltoluene	<250	250
1634-04-4	Methyl tert-Butyl Ether	<250	250
75-09-2	Methylene Chloride	<250	250
78-93-3	2-Butanone (MEK)	<250	250
91-57-6	2-Methylnaphthalene	<250	250
108-10-1	4-Methyl-2-pentanone (MIBK)	<250	250
91-20-3	Naphthalene	<250	250
103-65-1	n-Propylbenzene	<50	50
100-42-5	Styrene	<50	50
630-20-6	1,1,1,2-Tetrachloroethane	<50	50
79-34-5	1,1,2,2-Tetrachloroethane	<50	50
127-18-4	Tetrachloroethene	<50	50
109-99-9	Tetrahydrofuran	<250	250
108-88-3	Toluene	<50	50
87-61-6	1,2,3-Trichlorobenzene	<250	250
120-82-1	1,2,4-Trichlorobenzene	<250	250
71-55-6	1,1,1-Trichloroethane	<50	50
79-00-5	1,1,2-Trichloroethane	<50	50
79-01-6	Trichloroethene	**6200**	50
75-69-4	Trichlorofluoromethane	<50	50
96-18-4	1,2,3-Trichloropropane	<50	50
95-63-6	1,2,4-Trimethylbenzene	<50	50
108-67-8	1,3,5-Trimethylbenzene	<50	50

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-04s**	Sampled:	05/21/15 11:55		
Lab Sample ID:	**1505451-34**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	50	Analyzed:	06/01/15 12:14	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**120**	50
179601-23-1	Xylene, Meta + Para	<100	100
95-47-6	Xylene, Ortho	<50	50

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*102*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-04i**	Sampled:	05/21/15 12:35		
Lab Sample ID:	**1505451-35**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	50	Analyzed:	06/01/15 12:43	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<1000	1000
107-13-1	Acrylonitrile	<100	100
71-43-2	Benzene	<50	50
108-86-1	Bromobenzene	<50	50
74-97-5	Bromochloromethane	<50	50
75-27-4	Bromodichloromethane	<50	50
75-25-2	Bromoform	<50	50
*74-83-9	Bromomethane	<250	250
104-51-8	n-Butylbenzene	<50	50
135-98-8	sec-Butylbenzene	<50	50
98-06-6	tert-Butylbenzene	<50	50
75-15-0	Carbon Disulfide	<50	50
56-23-5	Carbon Tetrachloride	<50	50
108-90-7	Chlorobenzene	<50	50
75-00-3	Chloroethane	<250	250
67-66-3	Chloroform	<50	50
74-87-3	Chloromethane	<250	250
96-12-8	1,2-Dibromo-3-chloropropane	<250	250
124-48-1	Dibromochloromethane	<50	50
106-93-4	1,2-Dibromoethane	<50	50
74-95-3	Dibromomethane	<50	50
110-57-6	trans-1,4-Dichloro-2-butene	<50	50
95-50-1	1,2-Dichlorobenzene	<50	50
541-73-1	1,3-Dichlorobenzene	<50	50
106-46-7	1,4-Dichlorobenzene	<50	50
75-71-8	Dichlorodifluoromethane	<250	250
75-34-3	1,1-Dichloroethane	<50	50
107-06-2	1,2-Dichloroethane	<50	50
75-35-4	1,1-Dichloroethene	<50	50
156-59-2	cis-1,2-Dichloroethene	**3600**	50
156-60-5	trans-1,2-Dichloroethene	**130**	50

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-04i**	Sampled:	05/21/15 12:35		
Lab Sample ID:	**1505451-35**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	50	Analyzed:	06/01/15 12:43	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<50	50
10061-01-5	cis-1,3-Dichloropropene	<50	50
10061-02-6	trans-1,3-Dichloropropene	<50	50
100-41-4	Ethylbenzene	<50	50
60-29-7	Ethyl Ether	<250	250
591-78-6	2-Hexanone	<250	250
74-88-4	Iodomethane	<50	50
98-82-8	Isopropylbenzene	<50	50
99-87-6	4-Isopropyltoluene	<250	250
1634-04-4	Methyl tert-Butyl Ether	<250	250
75-09-2	Methylene Chloride	<250	250
78-93-3	2-Butanone (MEK)	<250	250
91-57-6	2-Methylnaphthalene	<250	250
108-10-1	4-Methyl-2-pentanone (MIBK)	<250	250
91-20-3	Naphthalene	<250	250
103-65-1	n-Propylbenzene	<50	50
100-42-5	Styrene	<50	50
630-20-6	1,1,1,2-Tetrachloroethane	<50	50
79-34-5	1,1,2,2-Tetrachloroethane	<50	50
127-18-4	Tetrachloroethene	<50	50
109-99-9	Tetrahydrofuran	<250	250
108-88-3	Toluene	<50	50
87-61-6	1,2,3-Trichlorobenzene	<250	250
120-82-1	1,2,4-Trichlorobenzene	<250	250
71-55-6	1,1,1-Trichloroethane	<50	50
79-00-5	1,1,2-Trichloroethane	<50	50
79-01-6	Trichloroethene	**6400**	50
75-69-4	Trichlorofluoromethane	<50	50
96-18-4	1,2,3-Trichloropropane	<50	50
95-63-6	1,2,4-Trimethylbenzene	<50	50
108-67-8	1,3,5-Trimethylbenzene	<50	50

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-04i**	Sampled:	05/21/15 12:35		
Lab Sample ID:	**1505451-35**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	50	Analyzed:	06/01/15 12:43	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**80**	50
179601-23-1	Xylene, Meta + Para	<100	100
95-47-6	Xylene, Ortho	<50	50

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*85-118*
1,2-Dichloroethane-d4	*104*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-02s**	Sampled:	05/21/15 13:29		
Lab Sample ID:	**1505451-36**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	2	Analyzed:	06/01/15 13:11	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<40	40
107-13-1	Acrylonitrile	<4.0	4.0
71-43-2	Benzene	<2.0	2.0
108-86-1	Bromobenzene	<2.0	2.0
74-97-5	Bromochloromethane	<2.0	2.0
75-27-4	Bromodichloromethane	<2.0	2.0
75-25-2	Bromoform	<2.0	2.0
*74-83-9	Bromomethane	<10	10
104-51-8	n-Butylbenzene	<2.0	2.0
135-98-8	sec-Butylbenzene	<2.0	2.0
98-06-6	tert-Butylbenzene	<2.0	2.0
75-15-0	Carbon Disulfide	<2.0	2.0
56-23-5	Carbon Tetrachloride	<2.0	2.0
108-90-7	Chlorobenzene	<2.0	2.0
75-00-3	Chloroethane	<10	10
67-66-3	Chloroform	<2.0	2.0
74-87-3	Chloromethane	<10	10
96-12-8	1,2-Dibromo-3-chloropropane	<10	10
124-48-1	Dibromochloromethane	<2.0	2.0
106-93-4	1,2-Dibromoethane	<2.0	2.0
74-95-3	Dibromomethane	<2.0	2.0
110-57-6	trans-1,4-Dichloro-2-butene	<2.0	2.0
95-50-1	1,2-Dichlorobenzene	<2.0	2.0
541-73-1	1,3-Dichlorobenzene	<2.0	2.0
106-46-7	1,4-Dichlorobenzene	<2.0	2.0
75-71-8	Dichlorodifluoromethane	<10	10
75-34-3	1,1-Dichloroethane	<2.0	2.0
107-06-2	1,2-Dichloroethane	<2.0	2.0
75-35-4	1,1-Dichloroethene	<2.0	2.0
156-59-2	cis-1,2-Dichloroethene	<2.0	2.0
156-60-5	trans-1,2-Dichloroethene	<2.0	2.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-02s**	Sampled:	05/21/15 13:29
Lab Sample ID:	**1505451-36**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/22/15 15:30
Unit:	ug/L	Prepared:	06/01/15 08:00 By: BAG
Dilution Factor:	2	Analyzed:	06/01/15 13:11 By: BAG
QC Batch:	1505546	Analytical Batch:	5F02008

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<2.0	2.0
10061-01-5	cis-1,3-Dichloropropene	<2.0	2.0
10061-02-6	trans-1,3-Dichloropropene	<2.0	2.0
100-41-4	Ethylbenzene	<2.0	2.0
60-29-7	Ethyl Ether	<10	10
591-78-6	2-Hexanone	<10	10
74-88-4	Iodomethane	<2.0	2.0
98-82-8	Isopropylbenzene	<2.0	2.0
99-87-6	4-Isopropyltoluene	<10	10
1634-04-4	Methyl tert-Butyl Ether	<10	10
75-09-2	Methylene Chloride	<10	10
78-93-3	2-Butanone (MEK)	<10	10
91-57-6	2-Methylnaphthalene	<10	10
108-10-1	4-Methyl-2-pentanone (MIBK)	<10	10
91-20-3	Naphthalene	<10	10
103-65-1	n-Propylbenzene	<2.0	2.0
100-42-5	Styrene	<2.0	2.0
630-20-6	1,1,1,2-Tetrachloroethane	<2.0	2.0
79-34-5	1,1,2,2-Tetrachloroethane	<2.0	2.0
127-18-4	Tetrachloroethene	<2.0	2.0
109-99-9	Tetrahydrofuran	<10	10
108-88-3	Toluene	<2.0	2.0
87-61-6	1,2,3-Trichlorobenzene	<10	10
120-82-1	1,2,4-Trichlorobenzene	<10	10
71-55-6	1,1,1-Trichloroethane	**2.4**	2.0
79-00-5	1,1,2-Trichloroethane	<2.0	2.0
79-01-6	Trichloroethene	**330**	2.0
75-69-4	Trichlorofluoromethane	<2.0	2.0
96-18-4	1,2,3-Trichloropropane	<2.0	2.0
95-63-6	1,2,4-Trimethylbenzene	<2.0	2.0
108-67-8	1,3,5-Trimethylbenzene	<2.0	2.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-02s**	Sampled:	05/21/15 13:29		
Lab Sample ID:	**1505451-36**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	2	Analyzed:	06/01/15 13:11	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<2.0	2.0
179601-23-1	Xylene, Meta + Para	<4.0	4.0
95-47-6	Xylene, Ortho	<2.0	2.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-21**	Sampled:	05/21/15 14:38		
Lab Sample ID:	**1505451-37**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	10	Analyzed:	06/01/15 13:39	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<200	200
107-13-1	Acrylonitrile	<20	20
71-43-2	Benzene	<10	10
108-86-1	Bromobenzene	<10	10
74-97-5	Bromochloromethane	<10	10
75-27-4	Bromodichloromethane	<10	10
75-25-2	Bromoform	<10	10
*74-83-9	Bromomethane	<50	50
104-51-8	n-Butylbenzene	<10	10
135-98-8	sec-Butylbenzene	<10	10
98-06-6	tert-Butylbenzene	<10	10
75-15-0	Carbon Disulfide	<10	10
56-23-5	Carbon Tetrachloride	<10	10
108-90-7	Chlorobenzene	<10	10
75-00-3	Chloroethane	<50	50
67-66-3	Chloroform	<10	10
74-87-3	Chloromethane	<50	50
96-12-8	1,2-Dibromo-3-chloropropane	<50	50
124-48-1	Dibromochloromethane	<10	10
106-93-4	1,2-Dibromoethane	<10	10
74-95-3	Dibromomethane	<10	10
110-57-6	trans-1,4-Dichloro-2-butene	<10	10
95-50-1	1,2-Dichlorobenzene	<10	10
541-73-1	1,3-Dichlorobenzene	<10	10
106-46-7	1,4-Dichlorobenzene	<10	10
75-71-8	Dichlorodifluoromethane	<50	50
75-34-3	1,1-Dichloroethane	**15**	10
107-06-2	1,2-Dichloroethane	<10	10
75-35-4	1,1-Dichloroethene	<10	10
156-59-2	cis-1,2-Dichloroethene	**180**	10
156-60-5	trans-1,2-Dichloroethene	<10	10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-21**	Sampled:	05/21/15 14:38		
Lab Sample ID:	**1505451-37**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	10	Analyzed:	06/01/15 13:39	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<10	10
10061-01-5	cis-1,3-Dichloropropene	<10	10
10061-02-6	trans-1,3-Dichloropropene	<10	10
100-41-4	Ethylbenzene	<10	10
60-29-7	Ethyl Ether	<50	50
591-78-6	2-Hexanone	<50	50
74-88-4	Iodomethane	<10	10
98-82-8	Isopropylbenzene	<10	10
99-87-6	4-Isopropyltoluene	<50	50
1634-04-4	Methyl tert-Butyl Ether	<50	50
75-09-2	Methylene Chloride	<50	50
78-93-3	2-Butanone (MEK)	<50	50
91-57-6	2-Methylnaphthalene	<50	50
108-10-1	4-Methyl-2-pentanone (MIBK)	<50	50
91-20-3	Naphthalene	<50	50
103-65-1	n-Propylbenzene	<10	10
100-42-5	Styrene	<10	10
630-20-6	1,1,1,2-Tetrachloroethane	<10	10
79-34-5	1,1,2,2-Tetrachloroethane	<10	10
127-18-4	Tetrachloroethene	<10	10
109-99-9	Tetrahydrofuran	<50	50
108-88-3	Toluene	<10	10
87-61-6	1,2,3-Trichlorobenzene	<50	50
120-82-1	1,2,4-Trichlorobenzene	<50	50
71-55-6	1,1,1-Trichloroethane	**53**	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	**1200**	10
75-69-4	Trichlorofluoromethane	<10	10
96-18-4	1,2,3-Trichloropropane	<10	10
95-63-6	1,2,4-Trimethylbenzene	<10	10
108-67-8	1,3,5-Trimethylbenzene	<10	10

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-21**	Sampled:	05/21/15 14:38		
Lab Sample ID:	**1505451-37**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	10	Analyzed:	06/01/15 13:39	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<10	10
179601-23-1	Xylene, Meta + Para	<20	20
95-47-6	Xylene, Ortho	<10	10

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-10D**	Sampled:	05/21/15 15:30		
Lab Sample ID:	**1505451-38**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/01/15 14:08	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	**16**	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-10D**	Sampled:	05/21/15 15:30		
Lab Sample ID:	**1505451-38**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/01/15 14:08	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	**1.0**	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505451**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-10D**	Sampled:	05/21/15 15:30		
Lab Sample ID:	**1505451-38**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/22/15 15:30		
Unit:	ug/L	Prepared:	06/01/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/01/15 14:08	By:	BAG
QC Batch:	1505546	Analytical Batch:	5F02008		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*85-118*
1,2-Dichloroethane-d4	*104*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-10s**	Sampled:	05/22/15 06:54		
Lab Sample ID:	**1505487-01**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	5	Analyzed:	06/02/15 14:57	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<100	100
107-13-1	Acrylonitrile	<10	10
71-43-2	Benzene	<5.0	5.0
108-86-1	Bromobenzene	<5.0	5.0
74-97-5	Bromochloromethane	<5.0	5.0
75-27-4	Bromodichloromethane	<5.0	5.0
75-25-2	Bromoform	<5.0	5.0
*74-83-9	Bromomethane	<25	25
104-51-8	n-Butylbenzene	<5.0	5.0
135-98-8	sec-Butylbenzene	<5.0	5.0
98-06-6	tert-Butylbenzene	<5.0	5.0
75-15-0	Carbon Disulfide	<5.0	5.0
56-23-5	Carbon Tetrachloride	**14**	5.0
108-90-7	Chlorobenzene	<5.0	5.0
75-00-3	Chloroethane	<25	25
67-66-3	Chloroform	<5.0	5.0
74-87-3	Chloromethane	<25	25
96-12-8	1,2-Dibromo-3-chloropropane	<25	25
124-48-1	Dibromochloromethane	<5.0	5.0
106-93-4	1,2-Dibromoethane	<5.0	5.0
74-95-3	Dibromomethane	<5.0	5.0
110-57-6	trans-1,4-Dichloro-2-butene	<5.0	5.0
95-50-1	1,2-Dichlorobenzene	<5.0	5.0
541-73-1	1,3-Dichlorobenzene	<5.0	5.0
106-46-7	1,4-Dichlorobenzene	<5.0	5.0
75-71-8	Dichlorodifluoromethane	<25	25
75-34-3	1,1-Dichloroethane	<5.0	5.0
107-06-2	1,2-Dichloroethane	<5.0	5.0
75-35-4	1,1-Dichloroethene	<5.0	5.0
156-59-2	cis-1,2-Dichloroethene	<5.0	5.0
156-60-5	trans-1,2-Dichloroethene	<5.0	5.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-10s**	Sampled:	05/22/15 06:54		
Lab Sample ID:	**1505487-01**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	5	Analyzed:	06/02/15 14:57	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<5.0	5.0
10061-01-5	cis-1,3-Dichloropropene	<5.0	5.0
10061-02-6	trans-1,3-Dichloropropene	<5.0	5.0
100-41-4	Ethylbenzene	<5.0	5.0
60-29-7	Ethyl Ether	<25	25
591-78-6	2-Hexanone	<25	25
74-88-4	Iodomethane	<5.0	5.0
98-82-8	Isopropylbenzene	<5.0	5.0
99-87-6	4-Isopropyltoluene	<25	25
1634-04-4	Methyl tert-Butyl Ether	<25	25
75-09-2	Methylene Chloride	<25	25
78-93-3	2-Butanone (MEK)	<25	25
91-57-6	2-Methylnaphthalene	<25	25
108-10-1	4-Methyl-2-pentanone (MIBK)	<25	25
91-20-3	Naphthalene	<25	25
103-65-1	n-Propylbenzene	<5.0	5.0
100-42-5	Styrene	<5.0	5.0
630-20-6	1,1,1,2-Tetrachloroethane	<5.0	5.0
79-34-5	1,1,2,2-Tetrachloroethane	<5.0	5.0
127-18-4	Tetrachloroethene	<5.0	5.0
109-99-9	Tetrahydrofuran	<25	25
108-88-3	Toluene	<5.0	5.0
87-61-6	1,2,3-Trichlorobenzene	<25	25
120-82-1	1,2,4-Trichlorobenzene	<25	25
71-55-6	1,1,1-Trichloroethane	**56**	5.0
79-00-5	1,1,2-Trichloroethane	<5.0	5.0
79-01-6	Trichloroethene	**600**	5.0
75-69-4	Trichlorofluoromethane	<5.0	5.0
96-18-4	1,2,3-Trichloropropane	<5.0	5.0
95-63-6	1,2,4-Trimethylbenzene	<5.0	5.0
108-67-8	1,3,5-Trimethylbenzene	<5.0	5.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-10s**	Sampled:	05/22/15 06:54		
Lab Sample ID:	**1505487-01**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	5	Analyzed:	06/02/15 14:57	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<5.0	5.0
179601-23-1	Xylene, Meta + Para	<10	10
95-47-6	Xylene, Ortho	<5.0	5.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*85-118*
1,2-Dichloroethane-d4	*102*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**TB-02**	Sampled:	05/22/15 00:00		
Lab Sample ID:	**1505487-02**	Sampled By:	TML		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 11:09	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**TB-02**	Sampled:	05/22/15 00:00		
Lab Sample ID:	**1505487-02**	Sampled By:	TML		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 11:09	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**TB-02**	Sampled:	05/22/15 00:00		
Lab Sample ID:	**1505487-02**	Sampled By:	TML		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 11:09	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-10i**	Sampled:	05/22/15 07:50		
Lab Sample ID:	**1505487-03**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 11:37	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	**7.4**	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	**26**	1.0
156-60-5	trans-1,2-Dichloroethene	**1.9**	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-10i**	Sampled:	05/22/15 07:50		
Lab Sample ID:	**1505487-03**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 11:37	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	**59**	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-10i**	Sampled:	05/22/15 07:50		
Lab Sample ID:	**1505487-03**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 11:37	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*97*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-09s**	Sampled:	05/22/15 08:49		
Lab Sample ID:	**1505487-04**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/03/15 08:00	By:	BAG
Dilution Factor:	10	Analyzed:	06/03/15 10:50	By:	BAG
QC Batch:	1505679	Analytical Batch:	5F04004		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<200	200
107-13-1	Acrylonitrile	<20	20
71-43-2	Benzene	<10	10
108-86-1	Bromobenzene	<10	10
74-97-5	Bromochloromethane	<10	10
75-27-4	Bromodichloromethane	<10	10
75-25-2	Bromoform	<10	10
*74-83-9	Bromomethane	<50	50
104-51-8	n-Butylbenzene	<10	10
135-98-8	sec-Butylbenzene	<10	10
98-06-6	tert-Butylbenzene	<10	10
75-15-0	Carbon Disulfide	<10	10
56-23-5	Carbon Tetrachloride	<10	10
108-90-7	Chlorobenzene	<10	10
75-00-3	Chloroethane	<50	50
67-66-3	Chloroform	<10	10
74-87-3	Chloromethane	<50	50
96-12-8	1,2-Dibromo-3-chloropropane	<50	50
124-48-1	Dibromochloromethane	<10	10
106-93-4	1,2-Dibromoethane	<10	10
74-95-3	Dibromomethane	<10	10
110-57-6	trans-1,4-Dichloro-2-butene	<10	10
95-50-1	1,2-Dichlorobenzene	<10	10
541-73-1	1,3-Dichlorobenzene	<10	10
106-46-7	1,4-Dichlorobenzene	<10	10
75-71-8	Dichlorodifluoromethane	<50	50
75-34-3	1,1-Dichloroethane	<10	10
107-06-2	1,2-Dichloroethane	<10	10
75-35-4	1,1-Dichloroethene	<10	10
156-59-2	cis-1,2-Dichloroethene	<10	10
156-60-5	trans-1,2-Dichloroethene	<10	10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-09s**	Sampled:	05/22/15 08:49		
Lab Sample ID:	**1505487-04**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/03/15 08:00	By:	BAG
Dilution Factor:	10	Analyzed:	06/03/15 10:50	By:	BAG
QC Batch:	1505679	Analytical Batch:	5F04004		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<10	10
10061-01-5	cis-1,3-Dichloropropene	<10	10
10061-02-6	trans-1,3-Dichloropropene	<10	10
100-41-4	Ethylbenzene	<10	10
60-29-7	Ethyl Ether	<50	50
591-78-6	2-Hexanone	<50	50
74-88-4	Iodomethane	<10	10
98-82-8	Isopropylbenzene	<10	10
99-87-6	4-Isopropyltoluene	<50	50
1634-04-4	Methyl tert-Butyl Ether	<50	50
75-09-2	Methylene Chloride	<50	50
78-93-3	2-Butanone (MEK)	<50	50
91-57-6	2-Methylnaphthalene	<50	50
108-10-1	4-Methyl-2-pentanone (MIBK)	<50	50
91-20-3	Naphthalene	<50	50
103-65-1	n-Propylbenzene	<10	10
100-42-5	Styrene	<10	10
630-20-6	1,1,1,2-Tetrachloroethane	<10	10
79-34-5	1,1,2,2-Tetrachloroethane	<10	10
127-18-4	Tetrachloroethene	**27**	10
109-99-9	Tetrahydrofuran	<50	50
108-88-3	Toluene	<10	10
87-61-6	1,2,3-Trichlorobenzene	<50	50
120-82-1	1,2,4-Trichlorobenzene	<50	50
71-55-6	1,1,1-Trichloroethane	**1200**	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	**730**	10
75-69-4	Trichlorofluoromethane	<10	10
96-18-4	1,2,3-Trichloropropane	<10	10
95-63-6	1,2,4-Trimethylbenzene	<10	10
108-67-8	1,3,5-Trimethylbenzene	<10	10

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-09s**	Sampled:	05/22/15 08:49		
Lab Sample ID:	**1505487-04**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/03/15 08:00	By:	BAG
Dilution Factor:	10	Analyzed:	06/03/15 10:50	By:	BAG
QC Batch:	1505679	Analytical Batch:	5F04004		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<10	10
179601-23-1	Xylene, Meta + Para	<20	20
95-47-6	Xylene, Ortho	<10	10

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*102*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*98*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-09i**	Sampled:	05/22/15 09:40		
Lab Sample ID:	**1505487-05**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 12:06	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	**7.2**	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	**31**	1.0
156-60-5	trans-1,2-Dichloroethene	**5.0**	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-09i**	Sampled:	05/22/15 09:40		
Lab Sample ID:	**1505487-05**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 12:06	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	**4.3**	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	**3.7**	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**SS-09i**	Sampled:	05/22/15 09:40		
Lab Sample ID:	**1505487-05**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 12:06	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*101*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-34d**	Sampled:	05/22/15 10:23		
Lab Sample ID:	**1505487-06**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 13:32	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-34d**	Sampled:	05/22/15 10:23		
Lab Sample ID:	**1505487-06**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 13:32	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-34d**	Sampled:	05/22/15 10:23		
Lab Sample ID:	**1505487-06**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 13:32	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*104*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-35i**	Sampled:	05/22/15 11:20		
Lab Sample ID:	**1505487-07**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	50	Analyzed:	06/02/15 15:54	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<1000	1000
107-13-1	Acrylonitrile	<100	100
71-43-2	Benzene	<50	50
108-86-1	Bromobenzene	<50	50
74-97-5	Bromochloromethane	<50	50
75-27-4	Bromodichloromethane	<50	50
75-25-2	Bromoform	<50	50
*74-83-9	Bromomethane	<250	250
104-51-8	n-Butylbenzene	<50	50
135-98-8	sec-Butylbenzene	<50	50
98-06-6	tert-Butylbenzene	<50	50
75-15-0	Carbon Disulfide	<50	50
56-23-5	Carbon Tetrachloride	<50	50
108-90-7	Chlorobenzene	<50	50
75-00-3	Chloroethane	<250	250
67-66-3	Chloroform	<50	50
74-87-3	Chloromethane	<250	250
96-12-8	1,2-Dibromo-3-chloropropane	<250	250
124-48-1	Dibromochloromethane	<50	50
106-93-4	1,2-Dibromoethane	<50	50
74-95-3	Dibromomethane	<50	50
110-57-6	trans-1,4-Dichloro-2-butene	<50	50
95-50-1	1,2-Dichlorobenzene	<50	50
541-73-1	1,3-Dichlorobenzene	<50	50
106-46-7	1,4-Dichlorobenzene	<50	50
75-71-8	Dichlorodifluoromethane	<250	250
75-34-3	1,1-Dichloroethane	<50	50
107-06-2	1,2-Dichloroethane	<50	50
75-35-4	1,1-Dichloroethene	**78**	50
156-59-2	cis-1,2-Dichloroethene	<50	50
156-60-5	trans-1,2-Dichloroethene	<50	50

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-35i**	Sampled:	05/22/15 11:20		
Lab Sample ID:	**1505487-07**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	50	Analyzed:	06/02/15 15:54	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<50	50
10061-01-5	cis-1,3-Dichloropropene	<50	50
10061-02-6	trans-1,3-Dichloropropene	<50	50
100-41-4	Ethylbenzene	<50	50
60-29-7	Ethyl Ether	<250	250
591-78-6	2-Hexanone	<250	250
74-88-4	Iodomethane	<50	50
98-82-8	Isopropylbenzene	<50	50
99-87-6	4-Isopropyltoluene	<250	250
1634-04-4	Methyl tert-Butyl Ether	<250	250
75-09-2	Methylene Chloride	<250	250
78-93-3	2-Butanone (MEK)	<250	250
91-57-6	2-Methylnaphthalene	<250	250
108-10-1	4-Methyl-2-pentanone (MIBK)	<250	250
91-20-3	Naphthalene	<250	250
103-65-1	n-Propylbenzene	<50	50
100-42-5	Styrene	<50	50
630-20-6	1,1,1,2-Tetrachloroethane	<50	50
79-34-5	1,1,2,2-Tetrachloroethane	<50	50
127-18-4	Tetrachloroethene	<50	50
109-99-9	Tetrahydrofuran	<250	250
108-88-3	Toluene	<50	50
87-61-6	1,2,3-Trichlorobenzene	<250	250
120-82-1	1,2,4-Trichlorobenzene	<250	250
71-55-6	1,1,1-Trichloroethane	**4100**	50
79-00-5	1,1,2-Trichloroethane	<50	50
79-01-6	Trichloroethene	**3800**	50
75-69-4	Trichlorofluoromethane	<50	50
96-18-4	1,2,3-Trichloropropane	<50	50
95-63-6	1,2,4-Trimethylbenzene	<50	50
108-67-8	1,3,5-Trimethylbenzene	<50	50

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-35i**	Sampled:	05/22/15 11:20		
Lab Sample ID:	**1505487-07**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	50	Analyzed:	06/02/15 15:54	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<50	50
179601-23-1	Xylene, Meta + Para	<100	100
95-47-6	Xylene, Ortho	<50	50

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*101*	*85-118*
1,2-Dichloroethane-d4	*104*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-35d**	Sampled:	05/22/15 12:12		
Lab Sample ID:	**1505487-08**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 14:00	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	**9.3**	1.0
156-60-5	trans-1,2-Dichloroethene	**1.4**	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-35d**	Sampled:	05/22/15 12:12		
Lab Sample ID:	**1505487-08**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 14:00	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	**1.7**	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-35d**	Sampled:	05/22/15 12:12		
Lab Sample ID:	**1505487-08**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 14:00	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**34**	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*105*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-36d**	Sampled:	05/22/15 13:50		
Lab Sample ID:	**1505487-09**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 14:28	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-36d**	Sampled:	05/22/15 13:50		
Lab Sample ID:	**1505487-09**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 14:28	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1505487**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-36d**	Sampled:	05/22/15 13:50		
Lab Sample ID:	**1505487-09**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/27/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 14:28	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*105*	*87-122*
Toluene-d8	*102*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**TB-03**	Sampled:	05/28/15 00:00		
Lab Sample ID:	**1506006-01**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 13:03	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**TB-03**	Sampled:	05/28/15 00:00		
Lab Sample ID:	**1506006-01**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 13:03	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**TB-03**	Sampled:	05/28/15 00:00		
Lab Sample ID:	**1506006-01**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 13:03	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-39d**	Sampled:	05/26/15 08:19		
Lab Sample ID:	**1506006-02**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 16:22	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	**3.2**	1.0
156-60-5	trans-1,2-Dichloroethene	**2.1**	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-39d**	Sampled:	05/26/15 08:19		
Lab Sample ID:	**1506006-02**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 16:22	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-39d**	Sampled:	05/26/15 08:19		
Lab Sample ID:	**1506006-02**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 16:22	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*104*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-08d**	Sampled:	05/26/15 09:10		
Lab Sample ID:	**1506006-03**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 16:51	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-08d**	Sampled:	05/26/15 09:10		
Lab Sample ID:	**1506006-03**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 16:51	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-08d**	Sampled:	05/26/15 09:10		
Lab Sample ID:	**1506006-03**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 16:51	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*105*	*87-122*
Toluene-d8	*102*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-40s**	Sampled:	05/26/15 11:18		
Lab Sample ID:	**1506006-04**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 17:20	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-40s**	Sampled:	05/26/15 11:18		
Lab Sample ID:	**1506006-04**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 17:20	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-40s**	Sampled:	05/26/15 11:18		
Lab Sample ID:	**1506006-04**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 17:20	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-40d**	Sampled:	05/26/15 12:18		
Lab Sample ID:	**1506006-05**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 17:48	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-40d**	Sampled:	05/26/15 12:18		
Lab Sample ID:	**1506006-05**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 17:48	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-40d**	Sampled:	05/26/15 12:18		
Lab Sample ID:	**1506006-05**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 17:48	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-29s**	Sampled:	05/27/15 06:36		
Lab Sample ID:	**1506006-06**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 18:17	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-29s**	Sampled:	05/27/15 06:36		
Lab Sample ID:	**1506006-06**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 18:17	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-29s**	Sampled:	05/27/15 06:36		
Lab Sample ID:	**1506006-06**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 18:17	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*85-118*
1,2-Dichloroethane-d4	*104*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-29d**	Sampled:	05/27/15 07:25		
Lab Sample ID:	**1506006-07**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 18:45	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-29d**	Sampled:	05/27/15 07:25		
Lab Sample ID:	**1506006-07**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 18:45	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-29d**	Sampled:	05/27/15 07:25		
Lab Sample ID:	**1506006-07**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 08:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 18:45	By:	BAG
QC Batch:	1505619	Analytical Batch:	5F03032		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*96*	*85-118*
1,2-Dichloroethane-d4	*104*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*98*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-27s**	Sampled:	05/27/15 08:25		
Lab Sample ID:	**1506006-08**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 23:29	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
*74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-27s**	Sampled:	05/27/15 08:25		
Lab Sample ID:	**1506006-08**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 23:29	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-27s**	Sampled:	05/27/15 08:25		
Lab Sample ID:	**1506006-08**	Sampled By:	Javier Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 23:29	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-27d**	Sampled:	05/27/15 09:17		
Lab Sample ID:	**1506006-09**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 23:58	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
*74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-27d**	Sampled:	05/27/15 09:17		
Lab Sample ID:	**1506006-09**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 23:58	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-27d**	Sampled:	05/27/15 09:17		
Lab Sample ID:	**1506006-09**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/02/15 23:58	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*97*	*85-118*
1,2-Dichloroethane-d4	*102*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-24s**	Sampled:	05/27/15 10:25		
Lab Sample ID:	**1506006-10**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 00:26	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
*74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-24s**	Sampled:	05/27/15 10:25		
Lab Sample ID:	**1506006-10**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 00:26	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-24s**	Sampled:	05/27/15 10:25		
Lab Sample ID:	**1506006-10**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 00:26	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-24d**	Sampled:	05/27/15 11:27		
Lab Sample ID:	**1506006-11**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 00:55	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
*74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-24d**	Sampled:	05/27/15 11:27		
Lab Sample ID:	**1506006-11**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 00:55	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-24d**	Sampled:	05/27/15 11:27
Lab Sample ID:	**1506006-11**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/29/15 17:30
Unit:	ug/L	Prepared:	06/02/15 20:00 By: BAG
Dilution Factor:	1	Analyzed:	06/03/15 00:55 By: BAG
QC Batch:	1505634	Analytical Batch:	5F03042

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-30s**	Sampled:	05/27/15 12:55		
Lab Sample ID:	**1506006-12**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 01:23	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
*74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-30s**	Sampled:	05/27/15 12:55		
Lab Sample ID:	**1506006-12**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 01:23	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-30s**	Sampled:	05/27/15 12:55		
Lab Sample ID:	**1506006-12**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 01:23	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*97*	*85-118*
1,2-Dichloroethane-d4	*102*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-30d**	Sampled:	05/27/15 14:25		
Lab Sample ID:	**1506006-13**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 01:51	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
*74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-30d**	Sampled:	05/27/15 14:25		
Lab Sample ID:	**1506006-13**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 01:51	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-30d**	Sampled:	05/27/15 14:25		
Lab Sample ID:	**1506006-13**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 01:51	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*96*	*85-118*
1,2-Dichloroethane-d4	*101*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-10s**	Sampled:	05/28/15 06:53		
Lab Sample ID:	**1506006-14**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 02:20	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
*74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-10s**	Sampled:	05/28/15 06:53		
Lab Sample ID:	**1506006-14**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 02:20	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-10s**	Sampled:	05/28/15 06:53		
Lab Sample ID:	**1506006-14**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 02:20	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*96*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-12s**	Sampled:	05/28/15 07:45		
Lab Sample ID:	**1506006-15**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 02:48	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
*74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-12s**	Sampled:	05/28/15 07:45		
Lab Sample ID:	**1506006-15**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 02:48	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-12s**	Sampled:	05/28/15 07:45		
Lab Sample ID:	**1506006-15**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 02:48	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*97*	*85-118*
1,2-Dichloroethane-d4	*104*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-12d**	Sampled:	05/28/15 08:31		
Lab Sample ID:	**1506006-16**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 03:17	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
*74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-12d**	Sampled:	05/28/15 08:31		
Lab Sample ID:	**1506006-16**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 03:17	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-12d**	Sampled:	05/28/15 08:31		
Lab Sample ID:	**1506006-16**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 03:17	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*85-118*
1,2-Dichloroethane-d4	*102*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*98*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-13s**	Sampled:	05/28/15 09:33		
Lab Sample ID:	**1506006-17**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 03:45	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
*74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-13s**	Sampled:	05/28/15 09:33		
Lab Sample ID:	**1506006-17**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 03:45	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-13s**	Sampled:	05/28/15 09:33		
Lab Sample ID:	**1506006-17**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 03:45	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*97*	*85-118*
1,2-Dichloroethane-d4	*103*	*87-122*
Toluene-d8	*102*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-38d**	Sampled:	05/28/15 10:20		
Lab Sample ID:	**1506006-18**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 04:14	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
*74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-38d**	Sampled:	05/28/15 10:20		
Lab Sample ID:	**1506006-18**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 04:14	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-38d**	Sampled:	05/28/15 10:20		
Lab Sample ID:	**1506006-18**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 04:14	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*97*	*85-118*
1,2-Dichloroethane-d4	*102*	*87-122*
Toluene-d8	*100*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-14d**	Sampled:	05/28/15 11:49		
Lab Sample ID:	**1506006-19**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 04:42	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
*74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-14d**	Sampled:	05/28/15 11:49		
Lab Sample ID:	**1506006-19**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 04:42	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	**MW-14d**	Sampled:	05/28/15 11:49
Lab Sample ID:	**1506006-19**	Sampled By:	J. Jasso
Matrix:	Water	Received:	05/29/15 17:30
Unit:	ug/L	Prepared:	06/02/15 20:00 By: BAG
Dilution Factor:	1	Analyzed:	06/03/15 04:42 By: BAG
QC Batch:	1505634	Analytical Batch:	5F03042

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*96*	*85-118*
1,2-Dichloroethane-d4	*102*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-25s**	Sampled:	05/28/15 12:54		
Lab Sample ID:	**1506006-20**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 05:11	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
*74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
*74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-25s**	Sampled:	05/28/15 12:54		
Lab Sample ID:	**1506006-20**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 05:11	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	**15**	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	**8.9**	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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ANALYTICAL REPORT

Client:	**TRC Companies. - Ann Arbor Office**	Work Order:	**1506006**		
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services		
Client Sample ID:	**MW-25s**	Sampled:	05/28/15 12:54		
Lab Sample ID:	**1506006-20**	Sampled By:	J. Jasso		
Matrix:	Water	Received:	05/29/15 17:30		
Unit:	ug/L	Prepared:	06/02/15 20:00	By:	BAG
Dilution Factor:	1	Analyzed:	06/03/15 05:11	By:	BAG
QC Batch:	1505634	Analytical Batch:	5F03042		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*100*	*85-118*
1,2-Dichloroethane-d4	*101*	*87-122*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*99*	*82-110*

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1505478 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank Analyzed: 05/29/2015 By: BAG
Unit: ug/L Analytical Batch: 5F01010

Acetone	<20	--	20
Acrylonitrile	<2.0		2.0
Benzene	<1.0		1.0
Bromobenzene	<1.0		1.0
Bromochloromethane	<1.0		1.0
Bromodichloromethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<5.0		5.0
n-Butylbenzene	<1.0		1.0
sec-Butylbenzene	<1.0		1.0
tert-Butylbenzene	<1.0		1.0
Carbon Disulfide	<1.0	--	1.0
Carbon Tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<5.0		5.0
Chloroform	<1.0		1.0
Chloromethane	<5.0		5.0
1,2-Dibromo-3-chloropropane	<5.0		5.0
Dibromochloromethane	<1.0		1.0
1,2-Dibromoethane	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<1.0		1.0
1,2-Dichlorobenzene	<1.0		1.0
1,3-Dichlorobenzene	<1.0	--	1.0
1,4-Dichlorobenzene	<1.0	--	1.0
Dichlorodifluoromethane	<5.0		5.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0	--	1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl Ether	<5.0		5.0

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Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1505478 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 05/29/2015 By: BAG
Unit: ug/L Analytical Batch: 5F01010

2-Hexanone	<5.0				5.0
Iodomethane	<1.0				1.0
Isopropylbenzene	<1.0				1.0
4-Isopropyltoluene	<5.0				5.0
Methyl tert-Butyl Ether	<5.0				5.0
Methylene Chloride	<5.0			--	5.0
2-Butanone (MEK)	<5.0				5.0
2-Methylnaphthalene	<5.0			--	5.0
4-Methyl-2-pentanone (MIBK)	<5.0			--	5.0
Naphthalene	<5.0			--	5.0
n-Propylbenzene	<1.0				1.0
Styrene	<1.0				1.0
1,1,1,2-Tetrachloroethane	<1.0				1.0
1,1,2,2-Tetrachloroethane	<1.0				1.0
Tetrachloroethene	<1.0				1.0
Tetrahydrofuran	<5.0				5.0
Toluene	<1.0				1.0
1,2,3-Trichlorobenzene	<5.0				5.0
1,2,4-Trichlorobenzene	<5.0				5.0
1,1,1-Trichloroethane	<1.0				1.0
1,1,2-Trichloroethane	<1.0				1.0
Trichloroethene	<1.0			--	1.0
Trichlorofluoromethane	<1.0				1.0
1,2,3-Trichloropropane	<1.0				1.0
1,2,4-Trimethylbenzene	<1.0				1.0
1,3,5-Trimethylbenzene	<1.0				1.0
Vinyl Chloride	<1.0				1.0
Xylene, Meta + Para	<2.0				2.0
Xylene, Ortho	<1.0				1.0
Surrogates:					
Dibromofluoromethane			*98*	*85-118*	
1,2-Dichloroethane-d4			*104*	*87-122*	
Toluene-d8			*100*	*85-113*	

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1505478 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 05/29/2015 By: BAG
Unit: ug/L Analytical Batch: 5F01010

Surrogates (Continued):

4-Bromofluorobenzene	*98*	*82-110*		

Laboratory Control Sample Analyzed: 05/29/2015 By: BAG
Unit: ug/L Analytical Batch: 5F01010

Benzene	40.0	**42.1**	105	84-119	--	1.0
Chlorobenzene	40.0	**40.9**	102	84-118	--	1.0
1,1-Dichloroethene	40.0	**42.1**	105	77-123	--	1.0
Toluene	40.0	**42.2**	106	85-118	--	1.0
Trichloroethene	40.0	**43.3**	108	82-119	--	1.0

Surrogates:

Dibromofluoromethane	*101*	*85-118*
1,2-Dichloroethane-d4	*102*	*87-122*
Toluene-d8	*102*	*85-113*
4-Bromofluorobenzene	*100*	*82-110*

QC Batch: 1505497 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank Analyzed: 05/30/2015 By: BAG
Unit: ug/L Analytical Batch: 5F01028

Acetone	<20	--	20
Acrylonitrile	<2.0		2.0
Benzene	<1.0		1.0
Bromobenzene	<1.0		1.0
Bromochloromethane	<1.0		1.0
Bromodichloromethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<5.0		5.0
n-Butylbenzene	<1.0	--	1.0
sec-Butylbenzene	<1.0		1.0
tert-Butylbenzene	<1.0		1.0
Carbon Disulfide	<1.0	--	1.0
Carbon Tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0

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Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1505497 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 05/30/2015 By: BAG
Unit: ug/L Analytical Batch: 5F01028

Chloroethane	<5.0			5.0
Chloroform	<1.0			1.0
Chloromethane	<5.0			5.0
1,2-Dibromo-3-chloropropane	<5.0			5.0
Dibromochloromethane	<1.0			1.0
1,2-Dibromoethane	<1.0			1.0
Dibromomethane	<1.0			1.0
trans-1,4-Dichloro-2-butene	<1.0			1.0
1,2-Dichlorobenzene	<1.0			1.0
1,3-Dichlorobenzene	<1.0		--	1.0
1,4-Dichlorobenzene	<1.0		--	1.0
Dichlorodifluoromethane	<5.0			5.0
1,1-Dichloroethane	<1.0			1.0
1,2-Dichloroethane	<1.0			1.0
1,1-Dichloroethene	<1.0			1.0
cis-1,2-Dichloroethene	<1.0			1.0
trans-1,2-Dichloroethene	<1.0			1.0
1,2-Dichloropropane	<1.0			1.0
cis-1,3-Dichloropropene	<1.0			1.0
trans-1,3-Dichloropropene	<1.0			1.0
Ethylbenzene	<1.0			1.0
Ethyl Ether	<5.0			5.0
2-Hexanone	<5.0			5.0
Iodomethane	<1.0			1.0
Isopropylbenzene	<1.0			1.0
4-Isopropyltoluene	<5.0		--	5.0
Methyl tert-Butyl Ether	<5.0			5.0
Methylene Chloride	<5.0		--	5.0
2-Butanone (MEK)	<5.0			5.0
2-Methylnaphthalene	<5.0		--	5.0
4-Methyl-2-pentanone (MIBK)	<5.0		--	5.0
Naphthalene	<5.0		--	5.0
n-Propylbenzene	<1.0			1.0
Styrene	<1.0			1.0
1,1,1,2-Tetrachloroethane	<1.0			1.0
1,1,2,2-Tetrachloroethane	<1.0			1.0

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

QC Batch: 1505497 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 05/30/2015 By: BAG
Unit: ug/L Analytical Batch: 5F01028

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Tetrachloroethene			<1.0					1.0
Tetrahydrofuran			<5.0					5.0
Toluene			<1.0					1.0
1,2,3-Trichlorobenzene			<5.0			--		5.0
1,2,4-Trichlorobenzene			<5.0			--		5.0
1,1,1-Trichloroethane			<1.0					1.0
1,1,2-Trichloroethane			<1.0					1.0
Trichloroethene			<1.0					1.0
Trichlorofluoromethane			<1.0					1.0
1,2,3-Trichloropropane			<1.0					1.0
1,2,4-Trimethylbenzene			<1.0					1.0
1,3,5-Trimethylbenzene			<1.0					1.0
Vinyl Chloride			<1.0					1.0
Xylene, Meta + Para			<2.0					2.0
Xylene, Ortho			<1.0					1.0
Surrogates:								
Dibromofluoromethane				*98*	*85-118*			
1,2-Dichloroethane-d4				*103*	*87-122*			
Toluene-d8				*100*	*85-113*			
4-Bromofluorobenzene				*99*	*82-110*			

Laboratory Control Sample Analyzed: 05/30/2015 By: BAG
Unit: ug/L Analytical Batch: 5F01028

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene		40.0	**44.0**	110	84-119	--		1.0
Chlorobenzene		40.0	**42.4**	106	84-118	--		1.0
1,1-Dichloroethene		40.0	**43.7**	109	77-123	--		1.0
Toluene		40.0	**44.2**	111	85-118	--		1.0
Trichloroethene		40.0	**46.8**	117	82-119	--		1.0
Surrogates:								
Dibromofluoromethane				*102*	*85-118*			

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

QC Batch: 1505497 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Laboratory Control Sample (Continued) Analyzed: 05/30/2015 By: BAG
Unit: ug/L Analytical Batch: 5F01028

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Surrogates (Continued):								
1,2-Dichloroethane-d4				*103*	*87-122*			
Toluene-d8				*102*	*85-113*			
4-Bromofluorobenzene				*101*	*82-110*			

Matrix Spike 1505451-26 MW-38s Analyzed: 05/30/2015 By: BAG
Unit: ug/L Analytical Batch: 5F01028

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene	<2.0	80.0	**86.4**	108	80-129	--		2.0
Chlorobenzene	<2.0	80.0	**82.1**	103	80-121	--		2.0
1,1-Dichloroethene	<2.0	80.0	**85.5**	107	74-134	--		2.0
Toluene	<2.0	80.0	**85.8**	107	79-129	--		2.0
Trichloroethene	253	80.0	**320**	83	75-127	--		2.0
Surrogates:								
Dibromofluoromethane				*101*	*85-118*			
1,2-Dichloroethane-d4				*104*	*87-122*			
Toluene-d8				*101*	*85-113*			
4-Bromofluorobenzene				*101*	*82-110*			

Matrix Spike Duplicate 1505451-26 MW-38s Analyzed: 05/30/2015 By: BAG
Unit: ug/L Analytical Batch: 5F01028

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene	<2.0	80.0	**79.9**	100	80-129	8	9	2.0
Chlorobenzene	<2.0	80.0	**77.4**	97	80-121	6	8	2.0
1,1-Dichloroethene	<2.0	80.0	**79.3**	99	74-134	8	11	2.0
Toluene	<2.0	80.0	**79.9**	100	79-129	7	9	2.0
Trichloroethene	253	80.0	**296**	**53**	75-127	8	10	2.0
Surrogates:								
Dibromofluoromethane				*102*	*85-118*			
1,2-Dichloroethane-d4				*103*	*87-122*			
Toluene-d8				*100*	*85-113*			
4-Bromofluorobenzene				*102*	*82-110*			

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1505546 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank Analyzed: 06/01/2015 By: BAG
Unit: ug/L Analytical Batch: 5F02008

Acetone	<20	--	20
Acrylonitrile	<2.0		2.0
Benzene	<1.0		1.0
Bromobenzene	<1.0		1.0
Bromochloromethane	<1.0		1.0
Bromodichloromethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<5.0		5.0
n-Butylbenzene	<1.0	--	1.0
sec-Butylbenzene	<1.0	--	1.0
tert-Butylbenzene	<1.0		1.0
Carbon Disulfide	<1.0	--	1.0
Carbon Tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<5.0		5.0
Chloroform	<1.0		1.0
Chloromethane	<5.0		5.0
1,2-Dibromo-3-chloropropane	<5.0		5.0
Dibromochloromethane	<1.0		1.0
1,2-Dibromoethane	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<1.0		1.0
1,2-Dichlorobenzene	<1.0		1.0
1,3-Dichlorobenzene	<1.0	--	1.0
1,4-Dichlorobenzene	<1.0	--	1.0
Dichlorodifluoromethane	<5.0		5.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl Ether	<5.0		5.0

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1505546 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 06/01/2015 By: BAG
Unit: ug/L Analytical Batch: 5F02008

2-Hexanone			<5.0				5.0
Iodomethane			<1.0				1.0
Isopropylbenzene			<1.0				1.0
4-Isopropyltoluene			<5.0			--	5.0
Methyl tert-Butyl Ether			<5.0				5.0
Methylene Chloride			<5.0			--	5.0
2-Butanone (MEK)			<5.0				5.0
2-Methylnaphthalene			<5.0			--	5.0
4-Methyl-2-pentanone (MIBK)			<5.0				5.0
Naphthalene			<5.0			--	5.0
n-Propylbenzene			<1.0				1.0
Styrene			<1.0				1.0
1,1,1,2-Tetrachloroethane			<1.0				1.0
1,1,2,2-Tetrachloroethane			<1.0				1.0
Tetrachloroethene			<1.0				1.0
Tetrahydrofuran			<5.0				5.0
Toluene			<1.0				1.0
1,2,3-Trichlorobenzene			<5.0			--	5.0
1,2,4-Trichlorobenzene			<5.0			--	5.0
1,1,1-Trichloroethane			<1.0				1.0
1,1,2-Trichloroethane			<1.0				1.0
Trichloroethene			<1.0				1.0
Trichlorofluoromethane			<1.0				1.0
1,2,3-Trichloropropane			<1.0				1.0
1,2,4-Trimethylbenzene			<1.0			--	1.0
1,3,5-Trimethylbenzene			<1.0				1.0
Vinyl Chloride			<1.0				1.0
Xylene, Meta + Para			<2.0				2.0
Xylene, Ortho			<1.0				1.0
Surrogates:							
Dibromofluoromethane				*98*	*85-118*		
1,2-Dichloroethane-d4				*102*	*87-122*		
Toluene-d8				*100*	*85-113*		

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

QC Batch: 1505546 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 06/01/2015 By: BAG
Unit: ug/L Analytical Batch: 5F02008

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Surrogates (Continued):								
4-Bromofluorobenzene				*98*	*82-110*			

Laboratory Control Sample Analyzed: 06/01/2015 By: BAG
Unit: ug/L Analytical Batch: 5F02008

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene		40.0	**43.0**	107	84-119	--		1.0
Chlorobenzene		40.0	**41.7**	104	84-118	--		1.0
1,1-Dichloroethene		40.0	**42.4**	106	77-123	--		1.0
Toluene		40.0	**43.3**	108	85-118	--		1.0
Trichloroethene		40.0	**43.0**	108	82-119	--		1.0
Surrogates:								
Dibromofluoromethane				*102*	*85-118*			
1,2-Dichloroethane-d4				*100*	*87-122*			
Toluene-d8				*102*	*85-113*			
4-Bromofluorobenzene				*102*	*82-110*			

Matrix Spike 1505451-31 MW-39s Analyzed: 06/01/2015 By: BAG
Unit: ug/L Analytical Batch: 5F02008

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene	<10	400	**427**	107	80-129	--		10
Chlorobenzene	<10	400	**414**	104	80-121	--		10
1,1-Dichloroethene	22.0	400	**442**	105	74-134	--		10
Toluene	<10	400	**428**	107	79-129	--		10
Trichloroethene	867	400	**1270**	101	75-127	--		10
Surrogates:								
Dibromofluoromethane				*102*	*85-118*			
1,2-Dichloroethane-d4				*102*	*87-122*			
Toluene-d8				*101*	*85-113*			
4-Bromofluorobenzene				*101*	*82-110*			

Matrix Spike Duplicate 1505451-31 MW-39s Analyzed: 06/01/2015 By: BAG
Unit: ug/L Analytical Batch: 5F02008

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene	<10	400	**436**	109	80-129	2	9	10

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Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1505546 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B								
Matrix Spike Duplicate (Continued) 1505451-31 MW-39s					Analyzed:	06/01/2015	By: BAG	
Unit: ug/L					Analytical Batch:	5F02008		
Chlorobenzene	<10	400	**415**	104	80-121	0.2	8	10
1,1-Dichloroethene	22.0	400	**458**	109	74-134	3	11	10
Toluene	<10	400	**437**	109	79-129	2	9	10
Trichloroethene	867	400	**1310**	111	75-127	3	10	10
Surrogates:								
Dibromofluoromethane				*103*	*85-118*			
1,2-Dichloroethane-d4				*104*	*87-122*			
Toluene-d8				*101*	*85-113*			
4-Bromofluorobenzene				*102*	*82-110*			

QC Batch: 1505619 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank			Analyzed:	06/02/2015	By: BAG
Unit: ug/L			Analytical Batch:	5F03032	
Acetone	<20		--	20	
Acrylonitrile	<2.0			2.0	
Benzene	<1.0			1.0	
Bromobenzene	<1.0			1.0	
Bromochloromethane	<1.0			1.0	
Bromodichloromethane	<1.0			1.0	
Bromoform	<1.0			1.0	
Bromomethane	<5.0			5.0	
n-Butylbenzene	<1.0		--	1.0	
sec-Butylbenzene	<1.0		--	1.0	
tert-Butylbenzene	<1.0			1.0	
Carbon Disulfide	<1.0		--	1.0	
Carbon Tetrachloride	<1.0			1.0	
Chlorobenzene	<1.0			1.0	
Chloroethane	<5.0			5.0	
Chloroform	<1.0			1.0	
Chloromethane	<5.0			5.0	
1,2-Dibromo-3-chloropropane	<5.0			5.0	
Dibromochloromethane	<1.0			1.0	
1,2-Dibromoethane	<1.0			1.0	

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Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1505619 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 06/02/2015 By: BAG
Unit: ug/L Analytical Batch: 5F03032

Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<1.0		1.0
1,2-Dichlorobenzene	<1.0		1.0
1,3-Dichlorobenzene	<1.0	--	1.0
1,4-Dichlorobenzene	<1.0	--	1.0
Dichlorodifluoromethane	<5.0		5.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl Ether	<5.0		5.0
2-Hexanone	<5.0		5.0
Iodomethane	<1.0		1.0
Isopropylbenzene	<1.0		1.0
4-Isopropyltoluene	<5.0		5.0
Methyl tert-Butyl Ether	<5.0		5.0
Methylene Chloride	<5.0	--	5.0
2-Butanone (MEK)	<5.0		5.0
2-Methylnaphthalene	<5.0	--	5.0
4-Methyl-2-pentanone (MIBK)	<5.0	--	5.0
Naphthalene	<5.0	--	5.0
n-Propylbenzene	<1.0		1.0
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Tetrahydrofuran	<5.0		5.0
Toluene	<1.0		1.0
1,2,3-Trichlorobenzene	<5.0	--	5.0
1,2,4-Trichlorobenzene	<5.0	--	5.0
1,1,1-Trichloroethane	<1.0		1.0

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1505619 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 06/02/2015 By: BAG
Unit: ug/L Analytical Batch: 5F03032

1,1,2-Trichloroethane			<1.0				1.0
Trichloroethene			<1.0				1.0
Trichlorofluoromethane			<1.0				1.0
1,2,3-Trichloropropane			<1.0				1.0
1,2,4-Trimethylbenzene			<1.0			--	1.0
1,3,5-Trimethylbenzene			<1.0				1.0
Vinyl Chloride			<1.0				1.0
Xylene, Meta + Para			<2.0				2.0
Xylene, Ortho			<1.0				1.0
Surrogates:							
Dibromofluoromethane				*98*	*85-118*		
1,2-Dichloroethane-d4				*104*	*87-122*		
Toluene-d8				*100*	*85-113*		
4-Bromofluorobenzene				*99*	*82-110*		

Laboratory Control Sample Analyzed: 06/02/2015 By: BAG
Unit: ug/L Analytical Batch: 5F03032

Benzene		40.0	**41.4**	104	84-119	--	1.0
Chlorobenzene		40.0	**40.1**	100	84-118	--	1.0
1,1-Dichloroethene		40.0	**40.0**	100	77-123	--	1.0
Toluene		40.0	**41.6**	104	85-118	--	1.0
Trichloroethene		40.0	**41.1**	103	82-119	--	1.0
Surrogates:							
Dibromofluoromethane				*102*	*85-118*		
1,2-Dichloroethane-d4				*104*	*87-122*		
Toluene-d8				*101*	*85-113*		
4-Bromofluorobenzene				*102*	*82-110*		

QC Batch: 1505634 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank Analyzed: 06/02/2015 By: BAG
Unit: ug/L Analytical Batch: 5F03042

Acetone			<20			--	20

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Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1505634 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 06/02/2015 By: BAG
Unit: ug/L Analytical Batch: 5F03042

Acrylonitrile	<2.0		2.0
Benzene	<1.0		1.0
Bromobenzene	<1.0		1.0
Bromochloromethane	<1.0		1.0
Bromodichloromethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<5.0		5.0
n-Butylbenzene	<1.0	--	1.0
sec-Butylbenzene	<1.0	--	1.0
tert-Butylbenzene	<1.0		1.0
Carbon Disulfide	<1.0	--	1.0
Carbon Tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<5.0		5.0
Chloroform	<1.0		1.0
Chloromethane	<5.0		5.0
1,2-Dibromo-3-chloropropane	<5.0		5.0
Dibromochloromethane	<1.0		1.0
1,2-Dibromoethane	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<1.0		1.0
1,2-Dichlorobenzene	<1.0		1.0
1,3-Dichlorobenzene	<1.0	--	1.0
1,4-Dichlorobenzene	<1.0	--	1.0
Dichlorodifluoromethane	<5.0		5.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl Ether	<5.0		5.0
2-Hexanone	<5.0		5.0

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Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1505634 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 06/02/2015 By: BAG
Unit: ug/L Analytical Batch: 5F03042

Iodomethane			<1.0				1.0
Isopropylbenzene			<1.0				1.0
4-Isopropyltoluene			<5.0			--	5.0
Methyl tert-Butyl Ether			<5.0				5.0
Methylene Chloride			<5.0			--	5.0
2-Butanone (MEK)			<5.0				5.0
2-Methylnaphthalene			<5.0			--	5.0
4-Methyl-2-pentanone (MIBK)			<5.0			--	5.0
Naphthalene			<5.0			--	5.0
n-Propylbenzene			<1.0				1.0
Styrene			<1.0				1.0
1,1,1,2-Tetrachloroethane			<1.0				1.0
1,1,2,2-Tetrachloroethane			<1.0				1.0
Tetrachloroethene			<1.0				1.0
Tetrahydrofuran			<5.0				5.0
Toluene			<1.0				1.0
1,2,3-Trichlorobenzene			<5.0			--	5.0
1,2,4-Trichlorobenzene			<5.0			--	5.0
1,1,1-Trichloroethane			<1.0				1.0
1,1,2-Trichloroethane			<1.0				1.0
Trichloroethene			<1.0				1.0
Trichlorofluoromethane			<1.0				1.0
1,2,3-Trichloropropane			<1.0				1.0
1,2,4-Trimethylbenzene			<1.0				1.0
1,3,5-Trimethylbenzene			<1.0				1.0
Vinyl Chloride			<1.0				1.0
Xylene, Meta + Para			<2.0				2.0
Xylene, Ortho			<1.0				1.0
Surrogates:							
Dibromofluoromethane				*98*	*85-118*		
1,2-Dichloroethane-d4				*102*	*87-122*		
Toluene-d8				*100*	*85-113*		
4-Bromofluorobenzene				*99*	*82-110*		

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1505634 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B								
Laboratory Control Sample					Analyzed:		06/02/2015	By: BAG
Unit: ug/L					Analytical Batch:		5F03042	
Benzene		40.0	**43.2**	108	84-119	--		1.0
Chlorobenzene		40.0	**41.4**	104	84-118	--		1.0
1,1-Dichloroethene		40.0	**41.5**	104	77-123	--		1.0
Toluene		40.0	**43.5**	109	85-118	--		1.0
Trichloroethene		40.0	**44.3**	111	82-119	--		1.0
Surrogates:								
Dibromofluoromethane				*102*	*85-118*			
1,2-Dichloroethane-d4				*102*	*87-122*			
Toluene-d8				*102*	*85-113*			
4-Bromofluorobenzene				*103*	*82-110*			
Matrix Spike 1506006-08 MW-27s					Analyzed:		06/03/2015	By: BAG
Unit: ug/L					Analytical Batch:		5F03042	
Benzene	<1.0	40.0	**43.4**	108	80-129	--		1.0
Chlorobenzene	<1.0	40.0	**41.3**	103	80-121	--		1.0
1,1-Dichloroethene	<1.0	40.0	**42.1**	105	74-134	--		1.0
Toluene	<1.0	40.0	**43.2**	108	79-129	--		1.0
Trichloroethene	0.920	40.0	**43.9**	108	75-127	--		1.0
Surrogates:								
Dibromofluoromethane				*101*	*85-118*			
1,2-Dichloroethane-d4				*102*	*87-122*			
Toluene-d8				*101*	*85-113*			
4-Bromofluorobenzene				*102*	*82-110*			
Matrix Spike Duplicate 1506006-08 MW-27s					Analyzed:		06/03/2015	By: BAG
Unit: ug/L					Analytical Batch:		5F03042	
Benzene	<1.0	40.0	**43.8**	110	80-129	1	9	1.0
Chlorobenzene	<1.0	40.0	**42.0**	105	80-121	2	8	1.0
1,1-Dichloroethene	<1.0	40.0	**43.2**	108	74-134	3	11	1.0
Toluene	<1.0	40.0	**44.3**	111	79-129	3	9	1.0

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1505634 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B								
Matrix Spike Duplicate (Continued) 1506006-08 MW-27s					Analyzed:	06/03/2015	By: BAG	
Unit: ug/L					Analytical Batch:	5F03042		
Trichloroethene	0.920	40.0	**44.8**	110	75-127	2	10	1.0
Surrogates:								
Dibromofluoromethane				*102*	*85-118*			
1,2-Dichloroethane-d4				*103*	*87-122*			
Toluene-d8				*101*	*85-113*			
4-Bromofluorobenzene				*103*	*82-110*			

QC Batch: 1505679 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank		Analyzed:	06/03/2015	By: BAG
Unit: ug/L		Analytical Batch:	5F04004	
Acetone	<20	--	20	
Acrylonitrile	<2.0		2.0	
Benzene	<1.0		1.0	
Bromobenzene	<1.0		1.0	
Bromochloromethane	<1.0		1.0	
Bromodichloromethane	<1.0		1.0	
Bromoform	<1.0		1.0	
Bromomethane	<5.0		5.0	
n-Butylbenzene	<1.0	--	1.0	
sec-Butylbenzene	<1.0		1.0	
tert-Butylbenzene	<1.0		1.0	
Carbon Disulfide	<1.0	--	1.0	
Carbon Tetrachloride	<1.0		1.0	
Chlorobenzene	<1.0		1.0	
Chloroethane	<5.0		5.0	
Chloroform	<1.0		1.0	
Chloromethane	<5.0		5.0	
1,2-Dibromo-3-chloropropane	<5.0		5.0	
Dibromochloromethane	<1.0		1.0	
1,2-Dibromoethane	<1.0		1.0	
Dibromomethane	<1.0		1.0	
trans-1,4-Dichloro-2-butene	<1.0		1.0	
1,2-Dichlorobenzene	<1.0		1.0	

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Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1505679 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 06/03/2015 By: BAG
Unit: ug/L Analytical Batch: 5F04004

1,3-Dichlorobenzene	<1.0	--	1.0
1,4-Dichlorobenzene	<1.0	--	1.0
Dichlorodifluoromethane	<5.0		5.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl Ether	<5.0		5.0
2-Hexanone	<5.0		5.0
Iodomethane	<1.0		1.0
Isopropylbenzene	<1.0		1.0
4-Isopropyltoluene	<5.0	--	5.0
Methyl tert-Butyl Ether	<5.0		5.0
Methylene Chloride	<5.0	--	5.0
2-Butanone (MEK)	<5.0		5.0
2-Methylnaphthalene	<5.0	--	5.0
4-Methyl-2-pentanone (MIBK)	<5.0	--	5.0
Naphthalene	<5.0	--	5.0
n-Propylbenzene	<1.0		1.0
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Tetrahydrofuran	<5.0		5.0
Toluene	<1.0		1.0
1,2,3-Trichlorobenzene	<5.0	--	5.0
1,2,4-Trichlorobenzene	<5.0	--	5.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

QC Batch: 1505679 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 06/03/2015 By: BAG
Unit: ug/L Analytical Batch: 5F04004

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,2,3-Trichloropropane			<1.0					1.0
1,2,4-Trimethylbenzene			<1.0					1.0
1,3,5-Trimethylbenzene			<1.0					1.0
Vinyl Chloride			<1.0					1.0
Xylene, Meta + Para			<2.0					2.0
Xylene, Ortho			<1.0					1.0
Surrogates:								
Dibromofluoromethane				*99*	*85-118*			
1,2-Dichloroethane-d4				*103*	*87-122*			
Toluene-d8				*101*	*85-113*			
4-Bromofluorobenzene				*100*	*82-110*			

Laboratory Control Sample Analyzed: 06/03/2015 By: BAG
Unit: ug/L Analytical Batch: 5F04004

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene		40.0	**42.3**	106	84-119	--		1.0
Chlorobenzene		40.0	**40.8**	102	84-118	--		1.0
1,1-Dichloroethene		40.0	**40.5**	101	77-123	--		1.0
Toluene		40.0	**42.6**	106	85-118	--		1.0
Trichloroethene		40.0	**41.8**	104	82-119	--		1.0
Surrogates:								
Dibromofluoromethane				*103*	*85-118*			
1,2-Dichloroethane-d4				*103*	*87-122*			
Toluene-d8				*102*	*85-113*			
4-Bromofluorobenzene				*101*	*82-110*			

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Chain of Custody Record

COC No. 148739

Pg. 1 of 4

For Lab Use Only

Cart

VOA Rack/Tray: CS 5/22/15 55-KB 91-KB 157-KB 176-KB

Receipt Log No.: 47-17

Project Chemist

Work Order No.: 1505451

Client Name: TRC

Address: 1540 Eisenhower Place

City, State Zip: Ann Arbor MI 48108

Phone/Fax: 7344971080 7344971900

Email

Project Name: T.P.C

Client Project No. / P.O. No.: 004304.0001000

Invoice To: ☑ Client ☐ Other (comments)

Contact/Report To: Stacy Metz

Analyses Requested

Container Type (corresponds to Container Packing List): E

BTC 8260

Number of Containers Submitted

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	BTC 8260	Total	Sample Comments
0803		01	Trip Blank #01	TM2675			+		DI	+	1	
01		02	MW-17S		5/19/15	0833	+		GW	+	2	
		03	WL-#01		5/19/15	0845	+		SW	+	2	
		04	MW-31		5/19/15	0957	+		GW	+	2	
		05	MW- ~~32D~~		5/19/15	1054	+		GW	+	2	
		06	E.B #01		5/19/15	1108	+		DI	+	2	
		07	Seep		5/19/15	1118	+		GW	+	2	
		08	MW-32D		5/19/15	1247	+		GW	+	2	
		09	NS 19D		5/19/15	1351	+		GW	+	2	
		10	NS-18D		5/19/15	1529	+		GW	+	2	

Sampled By (print): JAUK JASS

Sampler's Signature

Company: TRC

How Shipped? Hand ___ Carrier

Tracking No.

Comments

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
	5/21/15	1700	TRC	5/21/15	1700	Ray Johnson	5/22/15	1530

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
			Ray Johnson	5/22/15	1130		5/22/15	1530

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COC No. 150522

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Cart
VOA Rack/Tray 55-B 015-B 176-B 91-B 157-B
Receipt Log No. 47-17
Project Chemist
Work Order No. 1505451

Client Name: TRC
Address: 1540 Eisenhower Place
City, State, Zip: Ann Arbor MI 48108
Phone/Fax: 734 971 2080 734 971 9051
Email

Project Name: T.P.C
Client Project No. / P.O. No.: 0043040001000
Invoice To: ☑ Client ☐ Other (comments)
Contact/Report To: Stacy Mdb

Analyses Requested: VOC 8260

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number		Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	VOC 8260	Total	Sample Comments
01		11	1	MW-33s	TM2875	5/21/15	1630		+	GW	X	2	
		12	2	Dup #01		5/21/15	—		+	GW	+	2	
		13	3	MW 32s		5/21/15	1727		+	GW	+	2	
		14	4	E.B #02		5/22/15	0620		+	DI	+	2	
		15	5	MW-36s		5/22/15	0718		+	GW	+	2	
		16	6	Dup #02		5/22/15	—		+	GW	+	2	
		17	7	NS 18s		5/22/15	0905		+	GW	+	2	
		18	8	NS 18I		5/22/15	0943		+	GW	+	2	
		19	9	NS 19s		5/22/15	1031		+	GW	+	2	
		20	10	NS 19I		5/22/15	1119		+	GW	+	2	

Sampled By (print): Javier Jasso
Sampler's Signature: [signature]
Company: TRC

How Shipped? Hand ___ Carrier ___
Tracking No.

Comments

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
[signature]	5/21/15	1700	JAS [signature]	5/21/15	1700	Ray Johnson	5/22/15	1530

1. Received By	Date	Time	2. Received By	Date	Time	3. Received for Lab By	Date	Time
			Ray Johnson	5/22/15	1130	~~5/22/15~~ CS 5/22/15	5/22/15	1530

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TRIMATRIX LABORATORIES

5560 Corporate Exchange Court SE
Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 151409

Pg. 3 of 4

For Lab Use Only
Cart
VOA Rack/Tray 55-B 06-B 176-B 91-B 157-B
Receipt Log No. 47-17
Project Chemist
Work Order No. 1505451

Client Name: T.R.C.
Address: 1540 Eisenhower Place
City, State Zip: Ann Arbor MI 48108
Phone/Fax: 734 971 7080 734 971 9053
Email:

Project Name: T.P.C
Client Project No. / P.O. No.: 004304 0001000
Invoice To: ☒ Client ☐ Other (comments)
Contact/Report To: Stacy Metz

Analyses Requested

	F								
	VOC 8260								

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Container Type (corresponds to Container Packing List)

Schedule	Matrix Code	Sample Number		Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Number of Containers Submitted	Total	Sample Comments
01		21	1	NS 20s	TM2875	5/20/15	1345		tw	X		2	
		22	2	NS-20I		5/20/15	1338		tw	X		2	
		23	3	MW 23		5/20/15	1502		tw	X		2	
		24	4	MW-20s		5/20/15	1601		tw	X		2	
		25	5	MW 20D		5/20/15	1640		tw	X		2	
02		26	6	MW 38s		5/21/15	0715		tw	X		2	
			7	MW 38s MS+MSD		5/21/15	0715		tw	X		3	
01		27	8	MW 01s		5/21/15	0800		tw	X		2	
1		28	9	MW-34s		5/21/15	0835		tw	X		2	
		29	10	Dup #03		5/21/15	—		tw	X		2	

Sampled By (print): Javier Vasca
Sampler's Signature:
Company: TRC

How Shipped? Hand ___ Carrier ___
Tracking No.

Comments

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
	5/21/15	12a		5/21/15	12a	Ray Johnson	5/22/15	153
1. Received By	**Date**	**Time**	**2. Received By**	**Date**	**Time**	**3. Received For Lab By**	**Date**	**Time**
			Ray Johnson	5/22/15	1130		5/22/15	15:30

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TRIMATRIX LABORATORIES

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www.trimatrixlabs.com

Chain of Custody Record

COC No. 151410

Pg. 4 of 4

For Lab Use Only

Cart

VOA Rack/Tray ~~350-B~~ 55-B 91-B 157-B 176-B

CS 5/22/15

Receipt Log No. ~~47-18~~ CS 5/22/15 47-17

Project Chemist

Work Order No. 1505451

Client Name: TRC

Address: 1540 Eisenhower Place

City, State Zip: Ann Arbor MI 48108

Phone/Fax: 734 971 7080 734 971 9011

Email

Project Name: T.P.C

Client Project No. / P.O. No.: CC[illegible]4C001 0CC

Invoice To: ☑ Client ☐ Other (comments)

Contact/Report To: Stacy Mitz

Analyses Requested

VOC 8260C

Container Type (corresponds to Container Packing List)

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	VOC 8260C	Total	Sample Comments
01		30	1 MW-37s	TM2875	5/21/15	0934		X	GW	X	2	
02		31	2 MW 39s		5/21/15	1020		X	GW	X	2	
			3 MW 39s MS+MSD		5/21/15	1020		X	GW	X	3	
01		32	4 MW 03s		5/21/15	1107		X	GW	X	2	
		33	5 E.B. #03		5/21/15	1115		X	DI	X	2	
		34	6 MW-04s		5/21/15	1155		X	GW	X	2	
		35	7 MW 04I		5/21/15	1235		X	GW	X	2	
		36	8 MW-02s		5/21/15	1329		X	GW	X	2	
		37	9 MW-21		5/21/15	1427		X	GW	X	2	
		38	10 SS-10D		5/21/15	1530		X	GW	X	2	

Sampled By (print): JAMIE JAJK

Sampler's Signature: [signature]

Company: TRC

How Shipped? Hand ___ Carrier ___

Tracking No.

Comments

Relinquished By	Date	Time	Received By	Date	Time
1. [signature]	5/21/15	1700	1. [signature]		
2. [signature]	5/21/15	1700	2. Ray Johnson	5/22/15	1130
3. Ray Johnson	5/22/15	1530	3. [signature]	5/22/15	15:30

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

SAMPLE RECEIVING / LOG-IN CHECKLIST

TRIMATRIX LABORATORIES

Client: TRC
Receipt Record Page/Line #: 47-17
Work Order #: 1505451
New / Add To
Project Chemist | Sample #s

Recorded by (initials/date): CS 5/22/15

☒ Cooler ☐ Box ☐ Other _____ | Qty Received

Thermometer Used: ☐ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#_____) ☐ See Additional Cooler Information Form

Cooler #	TM2875		
Time	1530		
Custody Seals:	☒ None		
	☐ Present / Intact		
	☐ Present / Not Intact		
Coolant Type:	☒ Loose Ice		
	☐ Bagged Ice		
	☐ Blue Ice		
	☐ None		
Coolant Location:	Dispersed / (Top) / Middle / Bottom		
Temp Blank Present:	☒ Yes ☐ No		
If Present, Temperature Blank Location is:	☒ Representative ☐ Not Representative		
	Observed °C	Correction Factor °C	Actual °C
Temp Blank:	2.6	–	2.6
Sample 1:	4.5	–	4.5
Sample 2:	6.1	–	6.1
Sample 3:	4.5	–	4.5
3 Sample Average °C:	5.0		
☒ Cooler ID on COC?			
☒ VOC Trip Blank received?			

Cooler #			
Time			
Custody Seals:	☐ None		
	☐ Present / Intact		
	☐ Present / Not Intact		
Coolant Type:	☐ Loose Ice		
	☐ Bagged Ice		
	☐ Blue Ice		
	☐ None		
Coolant Location:	Dispersed / Top / Middle / Bottom		
Temp Blank Present:	☐ Yes ☐ No		
If Present, Temperature Blank Location is:	☐ Representative ☐ Not Representative		
	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			
3 Sample Average °C:			
☐ Cooler ID on COC?			
☐ VOC Trip Blank received?			

Cooler #			
Time			
Custody Seals:	☐ None		
	☐ Present / Intact		
	☐ Present / Not Intact		
Coolant Type:	☐ Loose Ice		
	☐ Bagged Ice		
	☐ Blue Ice		
	☐ None		
Coolant Location:	Dispersed / Top / Middle / Bottom		
Temp Blank Present:	☐ Yes ☐ No		
If Present, Temperature Blank Location is:	☐ Representative ☐ Not Representative		
	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			
3 Sample Average °C:			
☐ Cooler ID on COC?			
☐ VOC Trip Blank received?			

Cooler #			
Time			
Custody Seals:	☐ None		
	☐ Present / Intact		
	☐ Present / Not Intact		
Coolant Type:	☐ Loose Ice		
	☐ Bagged Ice		
	☐ Blue Ice		
	☐ None		
Coolant Location:	Dispersed / Top / Middle / Bottom		
Temp Blank Present:	☐ Yes ☐ No		
If Present, Temperature Blank Location is:	☐ Representative ☐ Not Representative		
	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			
3 Sample Average °C:			
☐ Cooler ID on COC?			
☐ VOC Trip Blank received?			

If any shaded areas checked, complete Sample Receiving Non-Conformance and/or Inventory Form

Paperwork Received

Yes	No	
☒	☐	Chain of Custody record(s)? If No, Initiated By _____
☒		Received for Lab Signed/Date/Time?
☒	☐	Shipping document?
☐	☐	Other _____

COC Information

☒ TriMatrix COC ☐ Other _____

COC ID Numbers:

148739; 150522; 151409; 151410

Check COC for Accuracy

Yes	No	
☒	☐	Analysis Requested?
☒	☐	Sample ID matches COC?
☒	☐	Sample Date and Time matches COC?
☒		Container type completed on COC?
☒	☐	All container types indicated are received?

Check Sample Preservation

N/A	Yes	No	
	☐	☒	Temperature Blank OR average sample temperature, ≥6° C?
☐	☐	☒	If either is ≥6° C, was thermal preservation required?
☐	☐		If "Yes", Project Chemist Approval Initials: _____
☒	☐		If "Yes" Completed Non Con Cooler - Cont Inventory Form?
☒	☐		Completed Sample Preservation Verification Form?
☐	☒	☐	Samples chemically preserved correctly?
☒	☐		If "No", added orange tag?
☐	☒		Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

- ☐ Bacteriological
- ☐ Air Bags
- ☐ EnCores / Methanol Pre-Preserved
- ☐ Formaldehyde/Aldehyde
- ☐ Green-tagged containers
- ☐ Yellow/White-tagged 1 L ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☐ RECEIVED, COCs TO LAB(S)

Sample Condition Summary

N/A	Yes	No	
	☐	☒	Broken containers/lids?
	☐	☒	Missing or incomplete labels?
	☐	☒	Illegible information on labels?
	☐	☒	Low volume received?
	☐	☒	Inappropriate or non-TriMatrix containers received?
☐	☒	☐	VOC vials / TOX containers have headspace?
☐	☐	☒	Extra sample locations / containers not listed on COC?

Notes

☒ Trip Blank received ☐ Trip Blank not listed on COC

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
1530 5/22/15	5/22/15 1651	Yes / (No)

TRIMATRIX LABORATORIES

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Chain of Custody Record

COC No. 151411

Pg. 1 of 1

For Lab Use Only
Cart –
VOA Rack/Tray 178-B
Receipt Log No. 2-21
Project Chemist JLR
Work Order No. 1505487

Client Name: TRC
Address: 1540 Eisenhower Place
City, State Zip: Ann Arbor MI 48108
Phone/Fax: 734 971 7080 734 971 9022
Email:

Project Name: T.P.C
Client Project No. / P.O. No.: 064304.0001 000
Invoice To: ☑ Client ☐ Other (comments)
Contact/Report To: Stacy Mutz

Analyses Requested

Container Type (corresponds to Container Packing List): VOC 8260 F

Number of Containers Submitted

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Total	Sample Comments
01		01	SS-10S		5/22/15	0654		+	GW	2	
03		02	Trip Blank #03		—				DI	1	
01		03	SS-10 I		5/22/15	0750		+	GW	2	
		04	SS-09S		5/22/15	0849		+	GW	2	
		05	SS-09 I		5/22/15	0940		+	GW	2	
		06	MW-34D		5/22/15	1023		+	GW	2	
		07	MW-~~32I~~ 35I		5/22/15	1120		+	GW	2	
		08	MW-~~32D~~ 35D		5/22/15	1212		+	GW	2	
		09	MW-36D		5/22/15	1320		+	GW	2	
		10									

Sampled By (print): Javier Jasso
Sampler's Signature:
Company: TR

How Shipped? Hand ___ Carrier ___
Tracking No.

Comments

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
	5/22/15	1530	Ray Johnson	5/27/15	1730			

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
Ray Johnson	5/27/15	1425				R. Nagdin	5/27/15	1730

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SAMPLE RECEIVING / LOG-IN CHECKLIST

TRIMATRIX LABORATORIES

Client: TRC
Work Order #: 1505487
New / Add To
Receipt Record Page/Line #: 2.21
Project Chemist | Sample #s

Recorded by (initials/date): JN 5/27/15
☑ Cooler ☐ Box ☐ Other
Qty Received: 1
Thermometer Used: ☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#_____)
☐ See Additional Cooler Information Form

Cooler # 112354 / Time 1847	Cooler # / Time	Cooler # / Time	Cooler # / Time
Custody Seals: ☑ None ☐ Present / Intact ☐ Present / Not Intact	Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact	Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact	Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact
Coolant Type: ☑ Loose Ice ☑ Bagged Ice ☐ Blue Ice ☐ None	Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None	Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None	Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None
Coolant Location: Dispersed / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom
Temp Blank Present: ☐ Yes ☐ No	Temp Blank Present: ☐ Yes ☐ No	Temp Blank Present: ☐ Yes ☐ No	Temp Blank Present: ☐ Yes ☐ No
If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative	If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative	If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative	If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:	11.1	0	11.1
Sample 2:	12.0	0	12.0
Sample 3:	12.1	0	12.1
3 Sample Average °C:			11.7

☐ Cooler ID on COC?
☑ VOC Trip Blank received?

If any shaded areas checked, complete Sample Receiving Non-Conformance and/or Inventory Form

Paperwork Received

Yes	No	
☑	☐	Chain of Custody record(s)? If No, Initiated By _____
☑		Received for Lab Signed/Date/Time?
☐	☑	Shipping document?
☐	☐	Other _____

COC Information

☑ TriMatrix COC ☐ Other_____
COC ID Numbers: 151411

Check COC for Accuracy

Yes	No	
☑	☐	Analysis Requested?
☐	☑	Sample ID matches COC?
☑	☐	Sample Date and Time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Check Sample Preservation

N/A	Yes	No	
	☑	☐	Temperature Blank **OR** average sample temperature, ≥6° C?
☐	☑	☐	If either is ≥6° C, was thermal preservation required?
☑	☐		If "Yes", Project Chemist Approval Initials: _____
☑	☐		If "Yes" Completed Non Con Cooler - Cont Inventory Form?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐		Samples chemically preserved correctly?
☑	☐		If "No", added orange tag?
	☐	☑	Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged containers
☐ Yellow/White-tagged 1 L ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☑ NONE RECEIVED
☐ RECEIVED, COCs TO LAB(S)

Sample Condition Summary

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate or non-TriMatrix containers received?
☐	☐	☑	VOC vials / TOX containers have headspace?
☑	☐	☐	Extra sample locations / containers not listed on COC?

Notes

☑ Trip Blank received ☐ Trip Blank not listed on COC

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
JN 5/27/15	5/27/15	Yes / No

TRIMATRIX LABORATORIES

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Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 151412

Pg. 1 of 3

For Lab Use Only
Cart: –
VOA Rack/Tray: 3DX
Receipt Log No.: 2-33
Project Chemist: JLR
Work Order No.: 1506006

Client Name: TRC
Address: 1500 Eisenhower Place
City, State Zip: Ann Arbor MI 48108
Phone/Fax: 734 971 7080 734 971 9022
Email:

Project Name: T.P.S
Client Project No. / P.O. No.: 60430.4.0001.0000
Invoice To: ☑ Client ☐ Other (comments)
Contact/Report To: Stacy Metz

Analyses Requested: VOC 8260

Container Type (corresponds to Container Packing List)

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	Comp	Grab	Matrix	Number of Containers Submitted	Total	Sample Comments
			TB-03									
03		01	Trip Blank #03	3509					DI	+	1	
01		02	MW 39D		5/26/15	0819			GW	+	2	
		03	MW-08D		5/26/15	0910			GW	+	2	
		04	MW-40S		5/26/15	1118			GW	+	2	
		05	MW-40D		5/26/15	1218			GW	+	2	
		06	MW-29S		5/27/15	0636			GW	+	2	
		07	MW-29D		5/27/15	0725			GW	+	2	
03		08	MW-27S		5/27/15	0825			GW	+	2	
		09	MW-27S MS+MSD		5/27/15	0825			GW	+	3	
01		10	MW-27D		5/27/15	0917			GW	+	5	

Sampled By (print): Jack Jase
Sampler's Signature:
Company: TRC

How Shipped? Hand ___ Carrier ___
Tracking No.

Comments

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
[signature]	5/28/15	1430	TRC [signature]	5/29/15	1430	Ray Johnson	5/29/15	1730
1. Received By	Date	Time	2. Received By	Date	Time	3. Received by Lab By	Date	Time
R Krumm	5.29.15	14:24	Ray Johnson	5/29/15	1424	[signature]	5/29/15	17:30

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TRIMATRIX LABORATORIES

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Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 151414

Pg. 2 of 3

For Lab Use Only
Cart: –
VOA Rack/Tray: 30X
Receipt Log No: 6-33
Project Chemist:
Work Order No.: 1506006

Client Name: TRC
Address: 1540 Eisenhower Place
City, State Zip: Ann Arbor MI 48108
Phone/Fax: 734 971 7080 734 971 9037
Email:

Project Name: TRC
Client Project No. / P.O. No.: 004304 000100
Invoice To: ☐ Client ☐ Other (comments)
Contact/Report To: Stacy Mott

Analyses Requested: Vac Edge

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule: 6/1/15 Date

Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Container Type (corresponds to Container Packing List) / Number of Containers Submitted	Total	Sample Comments
01 10 ~~11~~	1 MW-24S	3509	5/27/15	1025			GW	2	2	
11 ~~12~~	2 MW-24D		5/27/15	1127			GW	2	2	
12 ~~13~~	3 MW-30S		5/27/15	1255			GW	2	2	
13 ~~14~~	4 MW-30D		5/27/15	1425			GW	2	2	
14 ~~15~~	5 MW-10S		5/28/15	0653			GW	2	2	
15 ~~16~~	6 MW-12S		5/28/15	0745			GW	2	2	
16 ~~17~~	7 MW-12D		5/28/15	0831			GW	2	2	
17 ~~18~~	8 MW-13S		5/28/15	0933			GW	2	2	
18 ~~19~~	9 MW-38D		5/28/15	1020			GW	2	2	
19 ~~20~~	10 MW-14D		5/28/15	1149			GW	2	2	

Sampled By (print): JAMIE JASE
Sampler's Signature: [signature]
Company: TRC

How Shipped? Hand ___ Carrier ___
Tracking No.

Comments

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
[signature]	5/28/15	1432	TRC Stacy	5/28/15	1432	Ray Johnson	5/29/15	1730

1. Received By	Date	Time	2. Received By	Date	Time	3. Received for Lab By	Date	Time
R. Krumm	5.29.15	1426	Ray Johnson	5/29/15	1426	J. Rardin	5/29/15	1730

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

TRIMATRIX LABORATORIES

5560 Corporate Exchange Court SE
Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 151413

Pg. 3 of 3

For Lab Use Only

Cart: –

VOA Rack/Tray: BOX

Receipt Log No.: 6-33

Project Chemist:

Work Order No.: 1506002

Client Name: TRC

Address: 1540 Eisenhower Place

City, State Zip: Ann Arbor MI 48108

Phone/Fax: 734 971 7080 734 971 9017

Email:

Project Name: I.P.C

Client Project No. / P.O. No.: 0043040001 Work

Invoice To: ☑ Client ☐ Other (comments)

Contact/Report To: Stacy Metz

Analyses Requested

Container Type (corresponds to Container Packing List): 1 — VOC 8260

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Number of Containers Submitted	Total	Sample Comments
01	202		1 MW-25,	3509	5/28/15	1254		X	GW	X	2	
			2									
			3									
			4									
			5									
			6									
			7									
			8									
			9									
			10									

Sampled By (print): JAVIER JASSO

Sampler's Signature:

Company: TRC

How Shipped? Hand ___ Carrier ___

Tracking No.:

Comments:

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
	5/28/15	1342		5/29/15	1420	Ray Johnson	5/29/15	1730

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
L Krumm	5.29.15	1426	Ray Johnson	5/29/15	1426	J. PERDIN	5/29/15	30

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

SAMPLE RECEIVING / LOG-IN CHECKLIST

TRIMATRIX LABORATORIES

Client: TRC
Receipt Record Page/Line #: 6-33
Work Order #: 1506006
New / Add To
Project Chemist | Sample #s

Recorded by (initials/date): DN 5/29/15
☑ Cooler ☐ Box ☐ Other
Qty Received: 1
Thermometer Used: ☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#_____)
☐ See Additional Cooler Information Form

Cooler # TM35092019 **Time**

Custody Seals: ☑ None ☐ Present / Intact ☐ Present / Not Intact
Coolant Type: ☑ Loose Ice ☑ Bagged Ice ☐ Blue Ice ☐ None
Coolant Location: Dispersed / Top / Middle / Bottom
Temp Blank Present: ☑ Yes ☐ No
If Present, Temperature Blank Location is: ☑ Representative ☐ Not Representative

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:	2.1	0	2.1
Sample 1:	5.6	0	5.6
Sample 2:	5.5	0	5.5
Sample 3:	5.9	0	5.9

3 Sample Average °C: 5.7
☑ Cooler ID on COC?
☑ VOC Trip Blank received?

Cooler # **Time**

Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact
Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None
Coolant Location: Dispersed / Top / Middle / Bottom
Temp Blank Present: ☐ Yes ☐ No
If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			

3 Sample Average °C:
☐ Cooler ID on COC?
☐ VOC Trip Blank received?

Cooler # **Time**

Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact
Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None
Coolant Location: Dispersed / Top / Middle / Bottom
Temp Blank Present: ☐ Yes ☐ No
If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			

3 Sample Average °C:
☐ Cooler ID on COC?
☐ VOC Trip Blank received?

Cooler # **Time**

Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact
Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None
Coolant Location: Dispersed / Top / Middle / Bottom
Temp Blank Present: ☐ Yes ☐ No
If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			

3 Sample Average °C:
☐ Cooler ID on COC?
☐ VOC Trip Blank received?

If any shaded areas checked, complete Sample Receiving Non-Conformance and/or Inventory Form

Paperwork Received

Yes	No	
☑	☐	Chain of Custody record(s)? If No, Initiated By _____
☑	☑	Received for Lab Signed/Date/Time?
☐	☑	Shipping document?
☐	☑	Other _____

COC Information

☑ TriMatrix COC ☐ Other _____
COC ID Numbers: 151412, 151414, 151413

Check COC for Accuracy

Yes	No	
☑	☐	Analysis Requested?
☑	☐	Sample ID matches COC?
☑	☐	Sample Date and Time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Check Sample Preservation

N/A	Yes	No	
	☐	☑	Temperature Blank OR average sample temperature, ≥6° C?
☑	☐	☐	If either is ≥6° C, was thermal preservation required?
☑	☐		If "Yes", Project Chemist Approval Initials: _____
☑	☐		If "Yes" Completed Non Con Cooler - Cont Inventory Form?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐		Samples chemically preserved correctly?
☑	☐		If "No", added orange tag?
	☐	☑	Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged containers
☐ Yellow/White-tagged 1 L ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☑ NONE RECEIVED
☐ RECEIVED, COCs TO LAB(S)

Sample Condition Summary

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate or non-TriMatrix containers received?
☐	☑	☐	VOC vials / TOX containers have headspace?
☑	☐	☐	Extra sample locations / containers not listed on COC?

Notes

☑ Trip Blank received ☐ Trip Blank not listed on COC

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
DN 5/29/15	5/29/15	Yes / No

Attachment 2
Data Validation Reports

Laboratory Data Validation

First Quarter 2015 Groundwater Monitoring Event
Former Tecumseh Products Company Site
Tecumseh, Michigan

Four trip blanks, two equipment rinsate blanks, and thirty-eight groundwater samples, including two duplicates, were collected from February 24 to March 26, 2015. One trip blank arrived at the lab in a broken container and could not be analyzed. The remaining samples were analyzed by TriMatrix Laboratories, located in Grand Rapids, Michigan. The samples were analyzed for volatile organic analytes by USEPA Method 8260 B following protocols specified in the Quality Assurance Project Plan (QAPP) for the former Tecumseh Products Company (TPC) site in Tecumseh, Michigan. TRC performed a validation of the laboratory data. The following sections summarize the data validation procedure and the results of the validation.

Validation Procedure

The analytical data were validated using the USEPA National Functional Guidelines for Organic Data Review (USEPA, 2008). The data validation included a review of the spike, duplicate, and blank results from the laboratory, as well as verification that the sample holding times were met. TRC reviewed additional QC information to check for appropriate matrix performance using the analytical method specified by the laboratory. The procedures TRC used to evaluate data in general included the following items:

- Checked technical holding times for analyses and sample receipt temperature;
- Reviewed QC data for blanks, matrix spikes, laboratory duplicates, and laboratory control samples;
- Determined field precision from blind field duplicate data; and
- Assessed the usability of the data.

The data validation report addresses the following items:

- Usability of the data if QC results suggest potential problems with all or some of the data;
- Potential sample contamination due to blank contributions; and
- Actions regarding specific QC criteria exceedances.

TRC reviewed internal standard areas and retention times, method blanks, project-specific matrix spike and matrix spike duplicate (MS/MSD) recoveries, field and laboratory duplicate relative percent differences (RPDs), Laboratory Control Sample (LCS) recoveries, holding times, and temperature.

Findings

The data quality objectives and laboratory completeness goals for the project were met, and the data are usable. The procedures specified in the methods were implemented, and the data packages were found to contain all of the deliverables necessary for validation of the analytical data. The discussion that follows describes the QA/QC results and evaluation.

- The laboratory met technical holding times for all samples. The sample temperatures met QC limits.
- Trip Blank #01 arrived at the lab frozen in a broken vial and was therefore not analyzed.
- Surrogate recoveries met QC limits for all samples.
- Internal standard areas and retention times were reviewed and found to be within acceptable QC limits.
- The laboratory performed an LCS with each analytical batch. Recoveries were within the laboratory control limits.
- Contaminants were not detected in the trip blanks or in the equipment rinsate blanks.
- Contaminants were not detected in the method blanks, with the following exceptions:
  - Batches 1502833 and 1502902 have 2-methylnaphthalene detected at 5.0 µg/L and 5.2 µg/L, respectively. 2-Methylnaphthalene was not detected in any of the associated samples; therefore, no data qualification is necessary.
- Two field duplicate samples were collected. Dup-01 corresponded with sample MW-32d and Dup-02 corresponded with sample MW-14d. RPDs were within QC limits for MW-32d/Dup-01. There were no detections in either MW-14d or Dup-02; therefore RPDs could not be calculated. There were no laboratory duplicates.
  - It is recommended that field duplicates not be collected from sample locations where there are no historical detections because this results in the inability to calculate RPDs which in turn nullifies the value of the duplicate sample for evaluating precision.
  - It is suggested that different wells be used for field duplicates between sampling events rather than using the same wells repeatedly in proximal sampling events.
- MS/MSD analyses were performed on samples NS-18s, MW-31 and MW-34d. Recoveries and RPDs were within QC limits.
- Continuing calibration verification (CCV) recoveries were outside of laboratory control limits for several constituents:
  - CCV recoveries exceeded control limits for dichlorodifluoromethane and n-butylbenzene in samples MW-40s, MW-40d, MW-22, MW-31, EB-01, MW-14d, Dup-02, TB-01, TB-02, MW-36d, MW-39d, MW-35d, MW-35i, MW-25s, MW-8d and SS-10d. These constituents were not detected in the above samples; therefore, data qualification is unnecessary.

- CCV recoveries exceeded control limits for dichlorodifluoromethane, n-butylbenzene, tetrahydrofuran and trichlorofluoromethane in samples MW-34d, MW-38d, MW-38s, MW-20s, MW-20d, MW-23, MW-36s, MW-21, TB-03, MW-4i, EB-02, MW-39s, MW-37s, SS-09s, SS-09i, SS-10s and SS-10i. These constituents were not detected in the above samples; therefore, data qualification is unnecessary.
- CCV recoveries exceeded control limits for carbon disulfide, cis-1,3-dichloropropene and trans-1,3-dichloropropene in NS-20s. These constituents were not detected in NS-20s; therefore, data qualification is unnecessary.

Prepared by: Terry Hertz
Reviewed by: David Szynal

Laboratory Data Validation

May 2015 Groundwater Monitoring Event
Former Tecumseh Products Company Site
Tecumseh, Michigan

Three trip blanks, three equipment rinsate blanks, and 62 groundwater samples, including three duplicates, were collected from May 19 to May 28, 2015. The samples were analyzed by TriMatrix Laboratories, located in Grand Rapids, Michigan. The samples were analyzed for volatile organic compounds by USEPA Method 8260B and also following protocols specified in the Quality Assurance Project Plan (QAPP) for the former Tecumseh Products Company (TPC) site in Tecumseh, Michigan. TRC performed a validation of the laboratory data. The following sections summarize the data validation procedure and the results of the validation.

Validation Procedure

The analytical data were validated using the USEPA National Functional Guidelines for Superfund Organic Methods Data Review (USEPA, 2014). The following items were included in the evaluation of data:

- Consistency between laboratory report, electronic data deliverables (EDD), and chain-of-custody (COC)
- Sample receipt temperature and sample preservation
- Technical holding times for analyses
- 12-Hour Calibration Clock compliance
- Data for method blanks, matrix spikes (MS), matrix spike duplicates (MSD), and laboratory control samples (LCS);
- Internal standard areas and retention times
- Surrogate recoveries
- Determined field precision from blind field duplicate data
- Sensitivity (i.e., achievement of required reporting limits)
- Overall usability of the data.

This data validation report addresses the following items:

- Usability of the data if QC results suggest potential problems with all or some of the data;
- Potential sample contamination due to blank contributions; and
- Actions regarding specific QC criteria exceedances.

Findings

The data quality objectives and laboratory completeness goals for the project were met, and the data are usable. The procedures specified in the method were implemented, and the data packages were found to contain all of the deliverables necessary for limited validation of the analytical data; it should be noted that raw data were not reviewed. The discussion that follows describes the QC results and evaluation.

- The cooler temperature from Work Order 1505487 did not meet the method acceptance limits. The average temperature of this cooler was 11.7°C. Because samples were delivered directly to the laboratory and were on ice, it is likely that samples did not have sufficient time to cool to 4°C. Data qualification is therefore not required. The following samples were affected:
  - SS-10s
  - TB-02
  - SS-10i
  - SS-09s
  - SS-09i
  - MW-34d
  - MW-35i
  - MW-35d
  - MW-36d
- The COC incorrectly indicated that samples were preserved with sodium hydroxide. It has been confirmed by the laboratory that samples were correctly preserved with hydrochloric acid following QAPP protocol.
- The laboratory met technical holding times for all samples.
- The 12-hour calibration clock was not exceeded for any sample.
- The laboratory analyzed one method blank per analytical batch. No target analytes were detected in method blanks, trip blanks, or equipment rinsate blanks.
- The laboratory analyzed one LCS per analytical batch. All recoveries and relative percent differences (RPDs) were within the QC limits.
- MS/MSD analyses were performed on samples MW-38s, MW-39s and MW-27s. Recoveries and RPDs were within QC limits for samples MW-39s and MW-27s. The MSD recovery of trichloroethene for MW-38s was 53%, which was outside the QC limits of 75% - 127%. The RPDs for the MS/MSD for MW-38s were within QC limits.
- Internal standard areas and retention times were reviewed and found to be within the QC limits.
- Surrogate recoveries met QC limits for all samples.

- Three field duplicate samples were collected. Dup-01 corresponded with sample MW-32s, Dup-02 corresponded with sample MW-36s, and Dup-03 corresponded with sample MW-37s. RPDs were within QC limits for MW-32s/Dup-01, MW-36s/Dup-02, and MW-37s/Dup-03.
- Continuing calibration verification (CCV) percent differences (%Ds) were outside of the acceptance limits for several constituents as follows:
  - Bromomethane in samples TB-01, MW-17s, WL-01, MW-31, MW-22, EB-01, Seep, MW-32d, NS-19d, NS-18d, MW-33s, DUP-01, MW-32s, EB-02, MW-36s, DUP-02, NS-18s, NS-18i, NS-19s, NS-19i, NS-20s, NS-20i, MW-23, MW-20s, MW-20d, MW-38s, MW-01s, MW-34s, DUP-03, MW-37s, MW-39s, MW-03s, EB-03, MW-04s, MW-04i, MW-02s, MW-21, SS-10D, SS-10s, TB-02, SS-10i, SS-09s, SS-09i, MW-34d, MW-35i, MW-35d, MW-36d, TB-03, MW-39d, MW-08d, MW-40s, MW-40d, MW-29s, and MW-29d. This compound was not detected in the above samples; these non-detect results were qualified as estimated (UJ).
  - Bromochloromethane and Bromomethane in samples MW-27s, MW-27d, MW-24s, MW-24d, MW-30s, MW-30d, MW-10s, MW-12s, MW-12d, MW-13s, MW-38d, MW-14d, and MW-25s. These compounds were not detected in the above samples; these non-detect results were qualified as estimated (UJ).
- Dilutions were performed on the following samples due to the concentrations of select target compounds which would have exceeded the calibration range if analyzed undiluted. Reporting limits in these samples were elevated accordingly.

Sample (s)	Dilution	Analytes Causing the Dilution
MW-31	2.5	Trichloroethene
NS-18d	2	cis-1,2-Dichloroethene
MW-32s, DUP-01	10	Trichloroethene
MW-36s, DUP-02	5	Trichloroethene
NS-18s	10	Trichloroethene
NS-18i	20	cis-1,2-Dichloroethene, Trichloroethene
NS-19s	2	cis-1,2-Dichloroethene, Trichloroethene
NS-19i	5	Trichloroethene
NS-20s	10	cis-1,2-Dichloroethene, 1,1,1-Trichloroethane, Trichloroethene
MW-20d	2	cis-1,2-Dichloroethene
MW-38s	2	Trichloroethene
MW-01s	10	1,1,1-Trichloroethane, Trichloroethene
MW-34s	5	1,1,1-Trichloroethane, Trichloroethene
MW-37s, DUP-03	5	Trichloroethene
MW-39s	10	Trichloroethene
MW-03s	10	cis-1,2-Dichloroethene, Vinyl Chloride
MW-04s	50	cis-1,2-Dichloroethene, Trichloroethene

Sample (s)	Dilution	Analytes Causing the Dilution
MW-04i	50	cis-1,2-Dichloroethene, Trichloroethene
MW-02s	2	Trichloroethene
MW-21	10	Trichloroethene
SS-10s	5	Trichloroethene
SS-09s	10	1,1,1-Trichloroethane, Trichloroethene
MW-35i	50	1,1,1-Trichloroethane, Trichloroethene

Prepared by: Jane Li
Reviewed by: Elizabeth Denly