

Site Investigation Report

**Mr. P's Tires (Former)
2705 W Clybourn Street
Milwaukee, Wisconsin**

May 31, 2018

By METCO

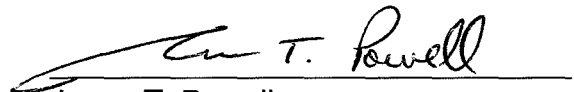
WDNR BRRTS #: 03-41-563586

PECFA Claim #: 53208-4036-05-A

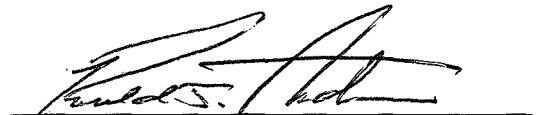


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This document was prepared by:



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May 31, 2018

BRRTS #: 03-41-563586

PECFA Claim #: 53208-4036-05-A

Mark Pachefsky
4475 Club Drive
Slinger, WI 53086

Dear Mr. Pachefsky,

Enclosed is our "Site Investigation Report" concerning the Mr. P's Tires (former) site at 2705 W Clybourn Street in Milwaukee, Wisconsin. This report presents the complete data from all investigation activities.

According to the data collected during the investigation, it is the conclusion of METCO that under existing conditions and limitations, the extent and degree of petroleum contamination has been adequately defined in soil and groundwater to warrant a completed investigation as defined by the WDNR guidelines and regulations.

The state will likely require a cap maintenance plan or soil excavation to address the existing Direct Contact exceedances near soil boring G-2. Also, additional rounds of groundwater monitoring will likely be required for contaminant trend analysis.

Per response/input from the WDNR concerning this report, we will proceed with the project.

We appreciate the opportunity to be of service to you on this project. Should you have any questions or require additional information, do not hesitate to contact our La Crosse office.

Sincerely,

Jason T. Powell
Staff Scientist

C: Andy Alles – WDNR

EXECUTIVE SUMMARY

Early use of the property was for residential purposes, based on Sanborn Fire Insurance Maps from 1894 and 1910. Based on historic aerial photos and Sanborn Maps, a gas station existed on the property as early as 1937. The existing building at the subject property was constructed in 1956 and operated as an auto repair garage and gas station until the 1970's. The property currently operates as an auto repair facility and tire shop.

In approximately 1980, two 5,000-gallon gasoline USTs were removed from the subject property.

On November 25-26, 2014, Kapur & Associates conducted a Phase 2 Subsurface Investigation for the Wisconsin Department of Transportation (DOT). During the Phase 2 Investigation, four soil borings (151-1, 151-2, 151-3, and 151-4) were completed along the perimeter of the subject property. Two soil samples from each boring were submitted for laboratory analysis (DRO, GRO, VOC, and Lead). Petroleum contamination was detected in soil sample 151-2 at 3-5 feet below ground surface (bgs), which showed 456 ppm GRO, 24.3 ppm DRO, and various VOC detections for petroleum products. The petroleum contamination was subsequently reported to the WDNR, who then required that a site investigation be conducted.

Numerous other LUST, ERP, and Spill sites exist within the City of Milwaukee, including two closed LUST cases (Damiano's Service Station – BRRTS# 03-41-000044 and Paul Damiano Property – BRRTS# 03-41-004788) at a former gas station that was located approximately 100 feet to the northeast. A former gas station also exists approximately 80 feet to the north of the subject property, across Clybourn Street at 505 N 27th Street. However, there are no BRRTS activities associated with the 505 N 27th Street property and it is not known if any environmental assessment of the property has been completed.

The site investigation consisted of a Geoprobe project, a Drilling project, and two rounds of groundwater monitoring. The results of the investigation clearly show that released petroleum products have impacted the local soil and groundwater. Results of the investigation are as follows:

- Unconsolidated materials in the area of the investigation generally consist of the following in downward stratigraphic order:
 - Fill material consisting of limestone screenings or silt, sand, and gravel was encountered in the area of the former gasoline UST's in soil borings G-1, G-12, G-13, and MW-2 from ground surface to depths ranging from 4 to 8 feet bgs.
 - From ground surface and extending to at least 18 feet bgs, native unconsolidated materials were encountered consisting of silt/clay to sandy silt/clay with varying amounts of gravel.
- Bedrock was not encountered as part of this site investigation; however, Silurian dolomite bedrock is believed to exist at approximately 100-150 feet bgs.
- According to data collected from the monitoring wells, the depth to groundwater ranges from 2.80 to 11.50 feet bgs depending on well location and time of year.
- Based on watertable measurements collected during the two groundwater sampling events, local horizontal groundwater flow in the immediate area of the subject property is generally toward the west with a northwestern component.
- Three areas of unsaturated soil contamination, which exceed the NR720 Groundwater RCL values exist on site. The first area of soil contamination exists in the area Geoprobe boring G-10 and along the western boundary of the former gasoline UST's. This area of soil contamination

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appears to measure up to 11 feet long, 10 feet wide, and up to 5.5 feet thick. The second area of soil contamination exists in the area encompassing soil boring 151-2. This area of soil contamination appears to measure up to 5 feet long, 4 feet wide, and up to 6 feet thick. The third area of soil contamination exists in an area encompassing a former pump island, soil borings G-2, G-9, and MW-1. This area of soil contamination measures up to 24 feet long, 20 feet wide, and up to 6 feet thick

- An area of unsaturated soil contamination, which exceeds the NR720 Non-Industrial Direct Contact and Groundwater RCL values, exists in the area of the former pump island. Contamination exceeding the NR720 Non-Industrial Direct Contact RCL's is present in soil boring G-2 for Benzene, Ethylbenzene, Naphthalene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, and Xylene. This area appears to measure up to 8 feet in diameter, and up to 4 feet thick.
- A dissolved phase contaminant plume exceeding the NR140 ES and PAL has formed at the watertable in the area of the former dispenser island and removed UST systems and has migrated toward the west. This plume measures approximately 72 feet long and 65 feet wide.
- Based on the most recent groundwater analytical results, three monitoring wells (MW-1, MW-2, and MW-5) currently show NR140 ES exceedances for petroleum compounds (PVOC's or Naphthalene). The other three monitoring wells (MW-3, MW-4, and MW-6) currently show no detects for PVOC's or Naphthalene.
- Based on the receptor survey, groundwater contamination does not appear to pose a risk to any municipal or private wells. Vapor intrusion does not appear to pose a risk to the on-site building. There does not appear to be any risk to any surface waters or risk of contaminant migration along utility corridors.

According to the data collected during the investigation, it is the conclusion of METCO that under existing conditions and limitations, the extent and degree of petroleum contamination has been adequately defined in soil and groundwater to warrant a completed investigation as defined by the WDNR guidelines and regulations.

The state will likely require a cap maintenance plan or soil excavation to address the existing Direct Contact exceedances near soil boring G-2. Also, additional rounds of groundwater monitoring will likely be required for trend analysis.

LIST OF ACRONYMS

AST - Aboveground Storage Tank
ASTM - American Society for Testing and Materials
Cd - Cadmium
DOT - Department of Transportation
DRO - Diesel Range Organics
ES - Enforcement Standards
gpm - gallons per minute
GRO - Gasoline Range Organics
HNU - brand name for Photoionization Detector
ID - inside-diameter
LAST - Leaking Aboveground Storage Tank
LUST - Leaking Underground Storage Tank
MSL - Mean Sea Level
MTBE - Methyl-tert-butyl ether
MW - Monitoring Well
NIOSH - National Institute for Occupational Safety & Health
NR - Natural Resources
OD - outside-diameter
PAH - Polynuclear Aromatic Hydrocarbons
PAL - Preventive Action Limits
Pb - Lead
PECFA - Petroleum Environmental Cleanup Fund
PID - Photoionization Detector
POTW - Publicly Owned Treatment Works
ppb ug/kg - parts per billion
ppm mg/kg - parts per million
psi - pounds per square inch
PVC - Polyvinyl Chloride
PVOC - Petroleum Volatile Organic Compounds
RAP - Remedial Action Plan
scfm - standard cubic feet per minute
SVE - Soil Vapor Extraction
USCS - Unified Soil Classification System
USGS - United States Geological Survey
UST - Underground Storage Tank
VOC - Volatile Organic Compounds
WDNR - Wisconsin Department of Natural Resources
WPDES - Wisconsin Pollutant Discharge Elimination System

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1.0 INTRODUCTION AND BACKGROUND

A Site Investigation is required by the Wisconsin Department of Natural Resources (WDNR) by authority of Section 292.11 of the Wisconsin Statutes. According to the WDNR, any soil that tests more than 10 ppm Gasoline Range Organics (GRO) or Diesel Range Organics (DRO) requires an investigation. Any soil that tests more than the Chapter NR720 Groundwater Residual Contaminant Levels (RCLs), Direct Contact RCLs, and/or Soil Saturation (C-sat) Values may require possible remediation. Any groundwater that tests more than the Preventive Action Limits (PAL) or Enforcement Standards (ES) for compounds listed in Chapter NR140 Groundwater Quality Standards requires an investigation and possible remediation. For a further explanation of WDNR rules and regulations, see Appendix E.

This report presents data collected during the Site Investigation. The purpose of this investigation was to:

- 1) Determine the extent and degree of petroleum contamination in the environment.
- 2) Determine if any risks exist to the environment or public health.
- 3) As conditions warrant, bring the site to closure.

1.1 Responsible Party Information

Mark Pachefsky
4475 Club Drive
Slinger, WI 53086
(414) 336-6053

1.2 Consultant Information

Consultant

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Subcontractors

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Hillsboro, WI 54634
(608) 489-3363

Geiss Soil & Samples, LLC
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Merrill, WI 54452
(715) 539-3928

Soils & Engineering Services, Inc.
1102 Stewart Street
Madison, WI 53713
(608) 274-7600

Synergy Environmental Lab
1990 Prospect Court
Appleton, WI 54914
(920) 830-2455

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1.3 Site Location

Site Address:

2705 W Clybourn Street
Milwaukee, Wisconsin

Latitude and Longitude:

43° 2' 9" N and 87° 56' 53" W

WTM Coordinates:

687160, 286846

Township/Range:

NE ¼, SE ¼, Section 25, Township 7 North, Range 21 East, Milwaukee County

1.4 Site History

Early use of the property was for residential purposes, based on Sanborn Fire Insurance Maps from 1894 and 1910. Based on historic aerial photos and Sanborn Maps, a gas station existed on the property as early as 1937. The existing building at the subject property was constructed in 1956 and operated as an auto repair garage and gas station until the 1970's. The property currently operates as an auto repair facility and tire shop.

In approximately 1980, two 5,000-gallon gasoline USTs were removed from the subject property. Previous tank systems may have existed on the subject property, but there are no known records of their existence.

On November 25-26, 2014, Kapur & Associates conducted a Phase 2 Subsurface Investigation for the Wisconsin Department of Transportation (DOT). During the Phase 2 Investigation, four soil borings (151-1, 151-2, 151-3, and 151-4) were completed along the perimeter of the subject property. Two soil samples from each boring were submitted for laboratory analysis (DRO, GRO, VOC, and Lead). Petroleum contamination was detected in soil sample 151-2 at 3-5 feet bgs, which showed 456 ppm GRO, 24.3 ppm DRO, and various VOC detections for petroleum products. The petroleum contamination was subsequently reported to the WDNR, who then required that a site investigation be conducted.

Numerous other LUST, ERP, and Spill sites exist within the City of Milwaukee, including two closed LUST cases (Damiano's Service Station – BRRTS# 03-41-000044 and Paul Damiano Property – BRRTS# 03-41-004788) at a former gas station that was located approximately 100 feet to the northeast. A former gas station also exists approximately 80 feet to the north of the subject property, across Clybourn Street at 505 N 27th Street. However, there are no BRRTS activities associated with the 505 N 27th Street property and it is not known if any environmental assessment of the property has been completed.

2.0 GEOLOGY AND RECEPTORS

2.1 Regional and Local Geology and Hydrogeology

Topography and Regional Setting

According to the USGS Hydrologic Atlas, Milwaukee is located in the southern portion of the

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Lake Michigan Basin. Present day landforms in this area were formed by continental glaciers, which advanced from the north and east scouring the bedrock surface and transporting rock debris in the ice. As the glaciers melted, this unconsolidated material was deposited on the bedrock surface. Kettle moraine deposits, which consist of permeable stratified sediments and till, exist in much of Milwaukee County. Glacial lake deposits of poorly permeable clay, silt, and sand occur along the shores of Lake Michigan.

The elevation of the site is approximately 665 feet above Mean Sea Level (MSL). See Appendix A for site location.

Soil and Bedrock

Soil samples were described by METCO field personnel. Assisting literature included the Hydrologic Atlas, Wisconsin Geologic Logs, and Wisconsin Well Constructor Reports.

Unconsolidated materials in the area of the investigation generally consist of the following in downward stratigraphic order:

- Fill material consisting of limestone screenings or silt, sand, and gravel was encountered in the area of the former gasoline UST's in soil borings G-1, G-12, G-13, and MW-2 from ground surface to depths ranging from 4 to 8 feet bgs.
- From ground surface and extending to at least 18 feet bgs, native unconsolidated materials were encountered consisting of gray to tan to brown silt/clay to sandy silt/clay with varying amounts of gravel.

Bedrock was not encountered as part of this site investigation; however, Silurian dolomite bedrock is believed to exist at approximately 100-150 feet bgs.

Please note that this is a generalization of the local geology and may not be consistent throughout the entire investigation area.

No other characteristics concerning the local sediments such as structures, voids, layering, lenses or secondary permeability are documented at this time.

Hydrogeology

According to data collected from the monitoring wells, the depth to groundwater ranges from 2.80 to 11.50 feet bgs depending on well location and time of year.

Based on watertable measurements collected during the two groundwater sampling events, local horizontal groundwater flow in the immediate area of the subject property is generally toward the west. Groundwater Flow Direction Maps are presented in Section 6.

2.2 Receptors

Buildings, Basements, Sumps, and Utility Corridors

Two underground utility lines (Sanitary Sewer Service Line and a Buried Electric Line) exist in the area of soil/groundwater contamination. These are privately owned utilities and there is no documentation of their construction. However, electric lines are typically buried within 30 inches of the ground surface and backfilled with native soil. Sanitary Sewer Service lines are typically buried at 6-8 feet bgs and backfilled with native soil. Therefore, these utility corridors do not appear to be preferential contaminant mitigation pathways.

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Municipal and Private Water Supply Wells

The subject property and surrounding properties are all served by the City of Milwaukee municipal water supply, which draws its potable water from Lake Michigan. METCO is not aware of any private water supply wells in the area.

Surface Waters

The nearest surface water is the Menomonee River, which exists approximately 1,400 feet to the south of the subject property.

3.0 SITE INVESTIGATION RESULTS AND RISK CRITERIA

3.1 Methods of Investigation

Workscope

The workscope performed for the LUST Investigation included the following:

- 1) Collect site background information.
- 2) On September 7, 2016, METCO prepared a LUST Investigation Field Procedures Workplan.
- 3) On February 13-14, 2017, METCO supervised the completion of thirteen Geoprobe borings. Sixty-seven soil and ten groundwater samples were collected for field and/or laboratory analysis. After completion, three temporary wells (TW-10, TW-11, TW-12) were installed in three of the Geoprobe borings.
- 4) On October 16-17, 2017, METCO supervised the completion of six hollow stem auger borings. Twenty-four soil samples were collected for field and/or laboratory analysis. After completion, the borings were converted into monitoring wells (MW-1, MW-2, MW-3, MW-4, MW-5, and MW-6). Following completion, all monitoring wells were properly developed except for MW-1 and MW-3 as they were dry.
- 5) On October 30, 2017, METCO collected groundwater samples from six monitoring wells (MW-1, MW-2, MW-3, MW-4, MW-5, and MW-6) and three temporary wells (TW-10, TW-11, TW-12) for field and/or laboratory analysis. After sampling, the temporary wells were abandoned. During this sampling event, the monitoring well network was surveyed to feet mean sea level (msl).
- 6) On December 12, 2017, DKS Transport Services, LLC picked up and properly disposed of five drums of investigative waste.
- 7) On January 24, 2018, METCO collected groundwater samples from six monitoring wells (MW-1, MW-2, MW-3, MW-4, MW-5, and MW-6) for field and laboratory analysis. Slug test were performed on monitoring wells MW-1, MW-3, and MW-5.

Site Access Problems

No site access problems were encountered during the LUST investigation.

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Analytical Methods

All samples were collected in a manner as to maintain their quality and to eliminate any possible cross contamination. METCO did not deviate from any WDNR or laboratory recommended procedures for sample collection, preservation, or transportation on this project to our knowledge.

Equipment advanced into the subsurface was cleaned between sampling locations. Cleaning consisted of washing with a biodegradable Alconox solution and rinsing with potable water. Disposable equipment was not cleaned, but immediately disposed of after use.

All samples were constantly kept on ice in a cooler and hand delivered to the laboratory.

3.2 Data Discussion

Soil Sampling Data

On November 25-26, 2014, Kapur & Associates conducted a Phase 2 Subsurface Investigation for the Wisconsin Department of Transportation (DOT). During the Phase 2 Investigation, four soil borings (151-1, 151-2, 151-3, and 151-4) were completed along the perimeter of the subject property. Two soil samples from each boring were submitted for laboratory analysis (DRO, GRO, VOC, and Lead).

On February 13-14, 2017, during the Geoprobe project, thirteen Geoprobe borings (G-1 through G-13) were completed with sixty-seven soil samples collected for field and/or laboratory analysis (PID, VOC or PVOC/Naphthalene, and Lead).

On October 16-17, 2017, during the Drilling project, six hollow stem auger borings were completed with twenty-four soil samples were collected for field and/or laboratory analysis (PID, GRO, PVOC, Naphthalene, TCLP-Benzene, and/or TCLP-Lead).

Soil analytical results are summarized in the Soil Analytical Results Tables with exceedances of the NR720 Groundwater RCL's, Non-Industrial Direct Contact RCL's and/or Soil Saturation Concentration (C-Sat) values noted.

Soil sample locations are presented in the Detailed Site Map found in Section 6. All data is presented in the data tables in Section 7. The laboratory reports are presented in Appendix B.

Groundwater Sampling Data

On February 13, 2017, during the Geoprobe project, groundwater samples were collected from ten Geoprobe borings (G-1 through G-9 and G-13) for laboratory analysis (PVOC's and Naphthalene). Three temporary monitoring wells (TW-10, TW-11, and TW-12) were installed in three of the Geoprobe boring locations (G-10, G-11, and G-12).

On October 16, 2017, during a Drilling Project, six hollow stem auger borings were completed and converted into monitoring wells (MW-1, MW-2, MW-3, MW-4, MW-5, and MW-6). Following completion, all monitoring wells were properly developed except for MW-1 and MW-3 as they were dry.

On October 30, 2017, METCO personnel collected groundwater samples from six monitoring wells (MW-1, MW-2, MW-3, MW-4, MW-5, and MW-6) for laboratory analysis

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(VOC, Dissolved Lead, Dissolved Iron, Dissolved Manganese, Nitrate/Nitrite, and Sulfate) as well as three temporary wells (TW-10, TW-11, and TW-12) for laboratory analysis (PVOOC and Naphthalene). Field measurements for water level, temperature, pH, ORP, Dissolved Oxygen, and specific conductance were collected from all sampled monitoring wells. After the groundwater samples were collected, the temporary wells were abandoned. During this round of sampling, the well network was surveyed to feet msl.

On January 24, 2018, METCO personnel collected groundwater samples from six monitoring wells (MW-1 through MW-6) for laboratory analysis (PVOOC, Naphthalene, and Dissolved Lead). Field measurements for water level, temperature, pH, ORP, Dissolved Oxygen, and specific conductance were collected from all sampled wells. During this round of sampling, slug tests were performed on monitoring wells MW-1, MW-3, and MW-5.

Geoprobe and monitoring well groundwater analytical results are summarized in the Groundwater Analytical Tables with exceedances of the NR140 Preventive Action Limits (PAL) and Enforcement Standards (ES) noted.

The Geoprobe boring and monitoring well locations are presented in the Detailed Site Map in Section 6. All data is presented in the data tables in Section 7. The lab reports are presented in Appendix B.

Laboratory Certification

Synergy Environmental Lab

Wisconsin Lab Certification #445037560

3.3 Permeability and Hydraulic Conductivity

On January 24, 2018, METCO conducted slug tests on monitoring wells MW-1, MW-3, and MW-5. The slug test data was evaluated using the curve fitting program "Hydro-Test for Windows" Produced by Dakota Environmental, Inc.

Slug test data was evaluated using the Bouwer and Rice method. Hydrogeologic parameters were estimated as follows:

Monitoring Well MW-1

Hydraulic Conductivity (K) = 6.86×10^{-4} cm/sec

Transmissivity = 1.74×10^{-1} cm²/sec

Flow Velocity (V=Kl/n) = 61.568 m/yr

Monitoring Well MW-3

Hydraulic Conductivity (K) = 8.96×10^{-4} cm/sec

Transmissivity = 1.80×10^{-1} cm²/sec

Flow Velocity (V=Kl/n) = 80.449m/yr

Monitoring Well MW-5

Hydraulic Conductivity (K) = 7.56×10^{-4} cm/sec

Transmissivity = 1.86×10^{-1} cm²/sec

Flow Velocity (V=Kl/n) = 67.861 m/yr

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Since the thickness of the unconfined aquifer was unknown, the bottoms of monitoring wells were assumed as the lower extent of the aquifer for calculation purposes. Slug test data is presented in Appendix E.

3.4 Discussion of Results

Geologic material in the area of investigation generally consists of:

- Fill material consisting of limestone screenings or silt, sand, and gravel was encountered in the area of the former gasoline UST's in soil borings G-1, G-12, G-13, and MW-2 from ground surface to depths ranging from 4 to 8 feet bgs.
- From ground surface and extending to at least 18 feet bgs, native unconsolidated materials were encountered consisting of silt/clay to sandy silt/clay with varying amounts of gravel.

Bedrock was not encountered as part of this site investigation; however, Silurian dolomite bedrock is believed to exist at approximately 100-150 feet bgs.

According to data collected from the monitoring wells, the depth to groundwater ranges from 2.80 to 11.50 feet bgs depending on well location and time of year.

Based on watertable measurements collected during the two groundwater sampling events, local horizontal groundwater flow in the immediate area of the subject property is generally toward the west.

Three areas of unsaturated soil contamination, which exceed the NR720 Groundwater RCL values exist on site. The first area of soil contamination exists in the area Geoprobe boring G-10 and along the western boundary of the former gasoline UST's. This area of soil contamination appears to measure up to 11 feet long, 10 feet wide, and up to 5.5 feet thick. The second area of soil contamination exists in the area encompassing soil boring 151-2. This area of soil contamination appears to measure up to 5 feet long, 4 feet wide, and up to 6 feet thick. The third area of soil contamination exists in an area encompassing a former pump island, soil borings G-2, G-9, and MW-1. This area of soil contamination measures up to 24 feet long, 20 feet wide, and up to 6 feet thick.

An area of unsaturated soil contamination, which exceeds the NR720 Non-Industrial Direct Contact and Groundwater RCL values, exists in the area of the former pump island. Contamination exceeding the NR720 Non-Industrial Direct Contact RCL's is present in soil boring G-2 for Benzene, Ethylbenzene, Naphthalene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, and Xylene. This area appears to measure up to 8 feet in diameter, and up to 4 feet thick.

A dissolved phase contaminant plume exceeding the NR140 ES and PAL has formed at the watertable in the area of the former dispenser island and removed UST systems and has migrated toward the west. This plume measures approximately 66 feet long and 65 feet wide.

Based on the most recent groundwater analytical results, three monitoring wells (MW-1, MW-2, and MW-5) currently show NR140 ES exceedances for petroleum compounds (PVOC's or Naphthalene). The other three monitoring wells (MW-3, MW-4, and MW-6) currently show no detects for PVOC's or Naphthalene.

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Based on the receptor survey, groundwater contamination does not appear to pose a risk to any municipal or private wells. Vapor intrusion does not appear to pose a risk to the on-site building. There does not appear to be any risk to any surface waters or risk of contaminant migration along utility corridors.

To our knowledge, this investigation has not had any major difficulties, unanticipated results, or questionable results.

The Detailed Site Map, Soil Contamination Map, Groundwater Isoconcentration Map, and Geologic Cross- Section figures, which visually define the extent of contamination, are presented in Section 6.

3.5 Risk Assessment

Per the NR746.03 definitions a release from petroleum tanks is considered “high risk” if any of the four following criterion are met:

- 1) Verified contaminant concentrations in a private or public potable well that exceeds the Preventive Action Limit established under Chapter, Stats. 160.
- 2) Petroleum product that is not in the dissolved phase (floating product) is present with a thickness of 0.01 feet or more, and verified by more than one sampling event.
- 3) An Enforcement Standard exceedance in groundwater within 1,000 feet of a well operated by a public utility, or within 100 feet of any other well used to provide water for human consumption.
- 4) An Enforcement Standard exceedance in fractured bedrock.

A “medium risk” site is defined as a site where contaminants have extended beyond the boundary of the source property, or there is confirmed contamination in the groundwater, but the site does not meet the definition of a “high risk” site.

A “low risk” site is defined as a site where contaminants are contained only within the soil on the source property and there is no confirmed contamination in groundwater.

Based on the NR746.03 definitions, the Mr. P's Tires (former) site is currently a “medium risk” site, because groundwater contamination exceeding the NR140 Enforcement Standard is present at this site.

4.0 CONCLUSION

4.1 Investigation Summary

According to the data collected during the investigation, it is the conclusion of METCO that under existing conditions and limitations, the extent and degree of petroleum contamination has been adequately defined in soil and groundwater to warrant a completed investigation as defined by the WDNR guidelines and regulations.

4.2 Recommendations

The state will likely require a cap maintenance plan or soil excavation to address the existing Direct Contact exceedances near soil boring G-2. Also, additional rounds of groundwater monitoring will likely be required for contaminant trend analysis.

5.0 REFERENCES

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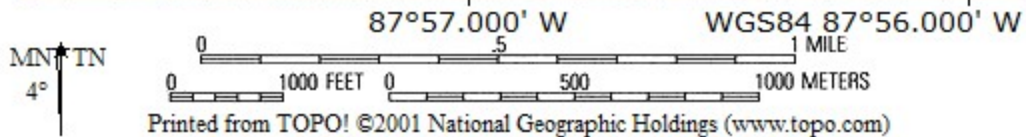
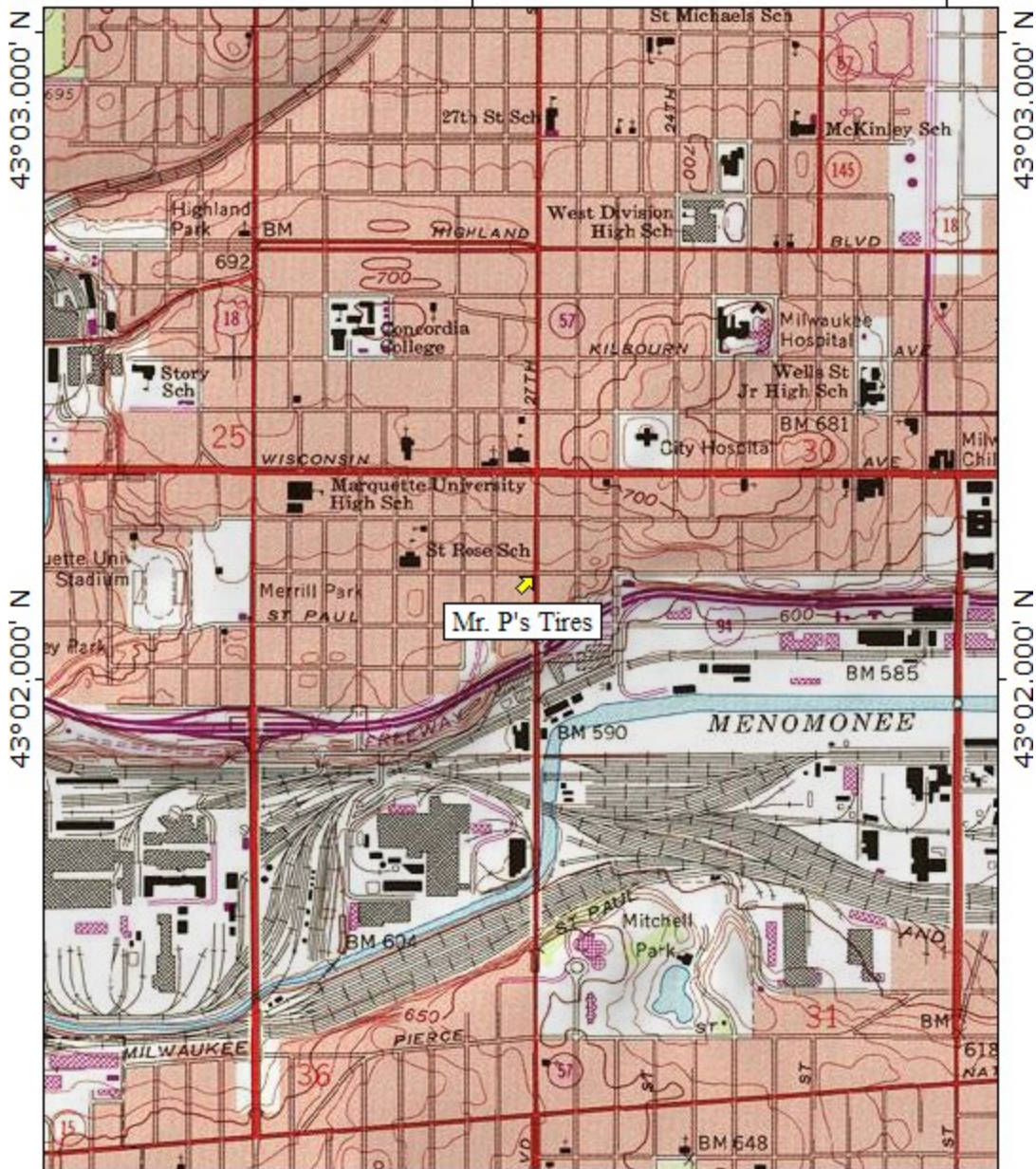
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Weston, R.F., 1987, Remedial Technologies for Leaking Underground Storage Tanks.

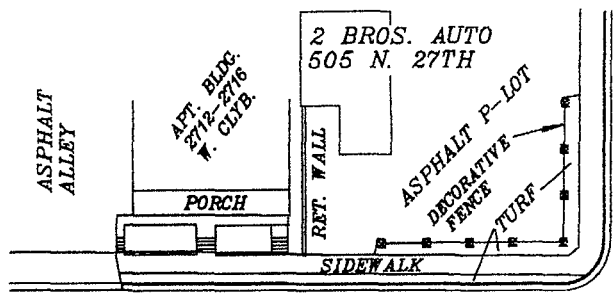
Other information and data was collected from Mark Pachefsky, City of Milwaukee, Diggers Hotline, Geiss Soil & Samples, LLC, Fauerbach Surveying & Engineering, Synergy Environmental Lab, Wisconsin Department of Natural Resources, and local people.

6.0 FIGURES



TOPO! map printed on 09/02/16 from "Wisconsin.tpo" and "Untitled.tpg"
87°57.000' W WGS84 87°56.000' W

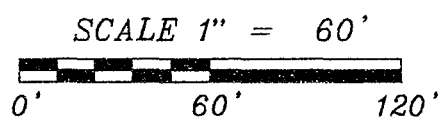


B.1.a LOCATION MAP
CONTOUR INTERVAL 10 FEET
MR. P'S TIRES – MILWAUKEE, WI
SEAMLESS USGS TOPOGRAPHIC MAPS ON CD-ROM



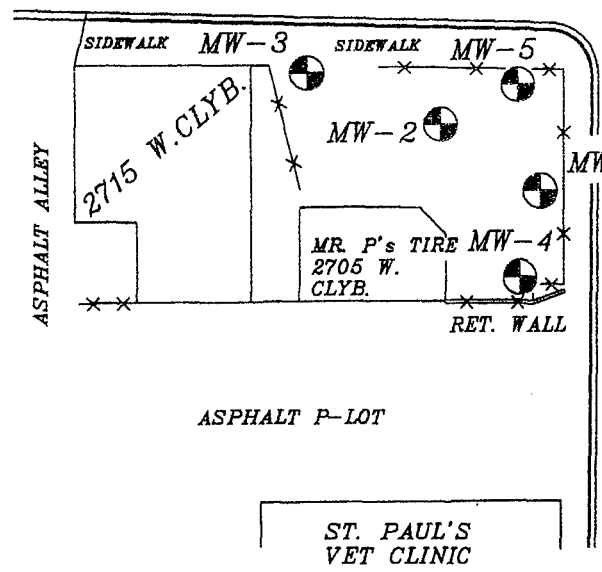
KEY

-  MONITORING WELL - FLUSH TYPE
-  CHAIN-LINK FENCE
- RET. RETAINING

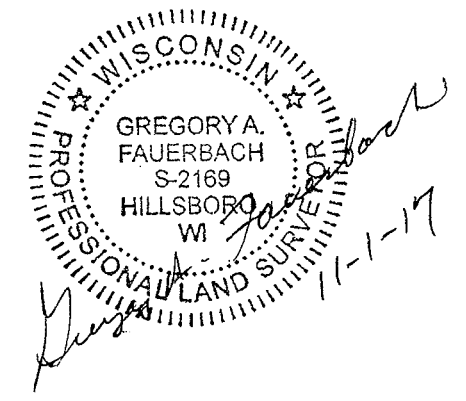
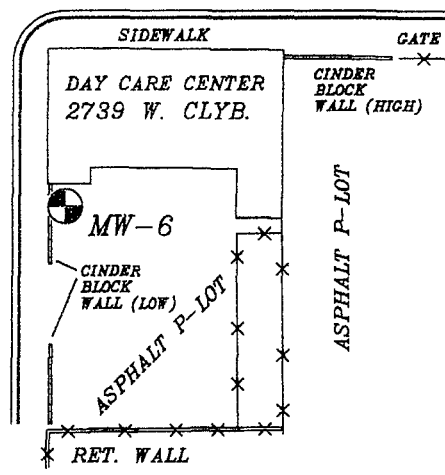


WEST CLYBOURN STREET

STREET



NORTH (STH 57) 27th



DRAWN BY: GREG FAUERBACH

DATE: 10-30-17 FIELD

DWG. NO.: 55617

REVISIONS

FAUERBACH SURVEYING & ENG.
PO BOX 140, HILLSBORO, WI 54634
PH/FAX 608-489-3363

PROJECT:

MR. P's TIRE
2705 WEST CYLBOURN ST.
MILWAUKEE, WI 53208

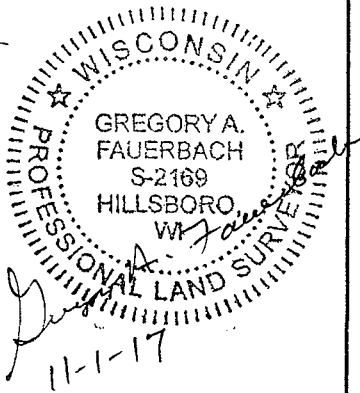
SHEET NAME

LOCATION MAP

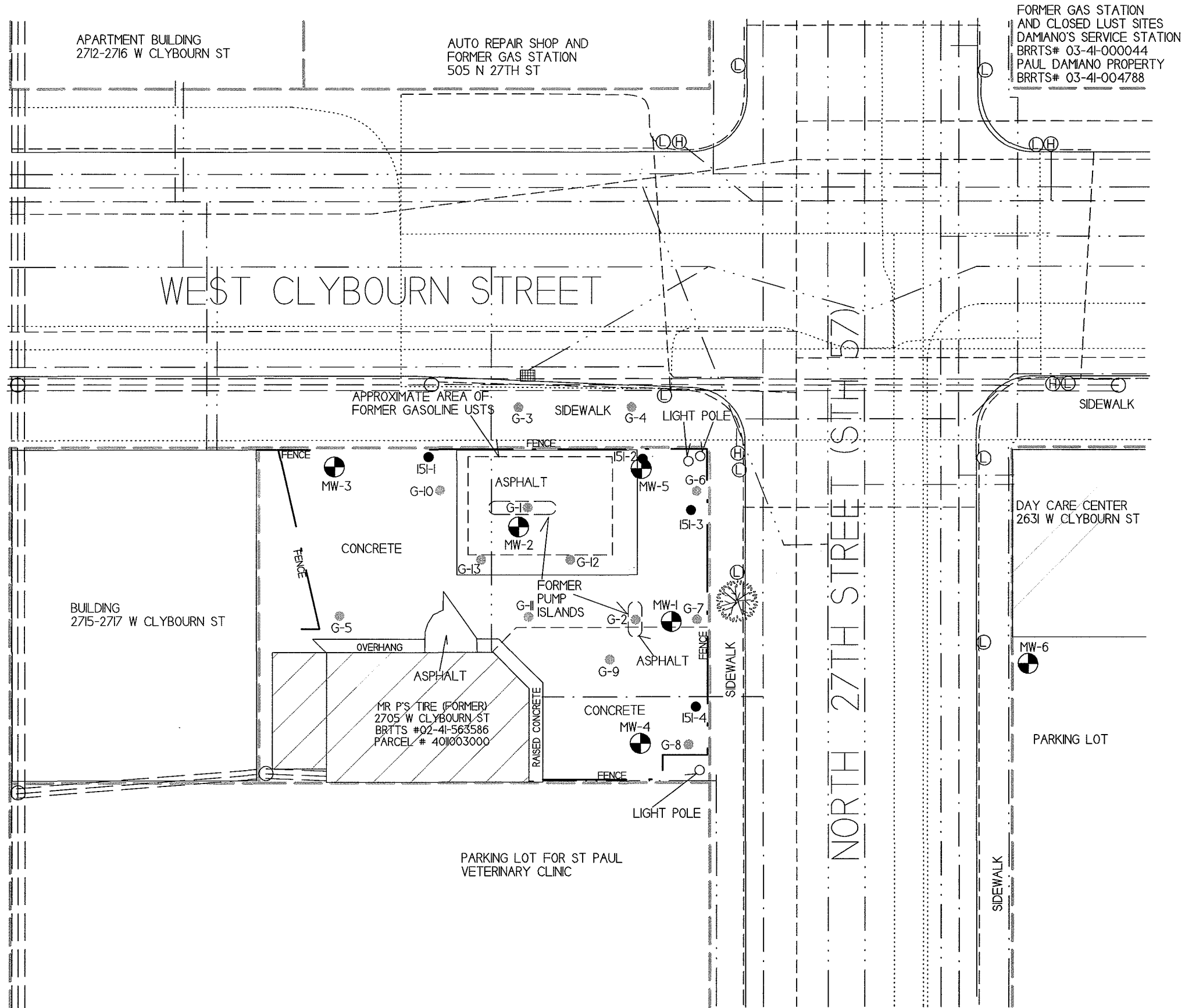
PAGE

1 OF 1

WELL	MILWAUKEE COUNTY COORD. SYSTEM NAD83(2011)		TOP OF WELL ELEVATION (NAVD 88)	TOP OF PVC CASING ELEVATION (NAVD 88)
	NORTH	EAST		
MW-1	298589.11	595703.20	665.54'	665.11'
MW-2	298610.19	595670.97	666.27'	665.87'
MW-3	298626.72	595629.21	666.47'	666.05'
MW-4	298561.93	595696.57	665.19'	664.83'
MW-5	298622.79	595696.17	666.49'	666.09'
MW-6	298578.87	595785.08	666.23'	665.89'

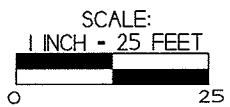


DRAWN BY: GREG FAUERBACH DATE: 10-30-17 FIELD DWG. NO.: 55617	REVISIONS FAUERBACH SURVEYING & ENG. PO BOX 140, HILLSBORO, WI 54634 PH/FAX 608-489-3363	PROJECT: MR. P's TIRE 2705 WEST CLYBOURN ST. MILWAUKEE, WI 53208	SHEET NAME DATA SHEET	PAGE 1 OF 1
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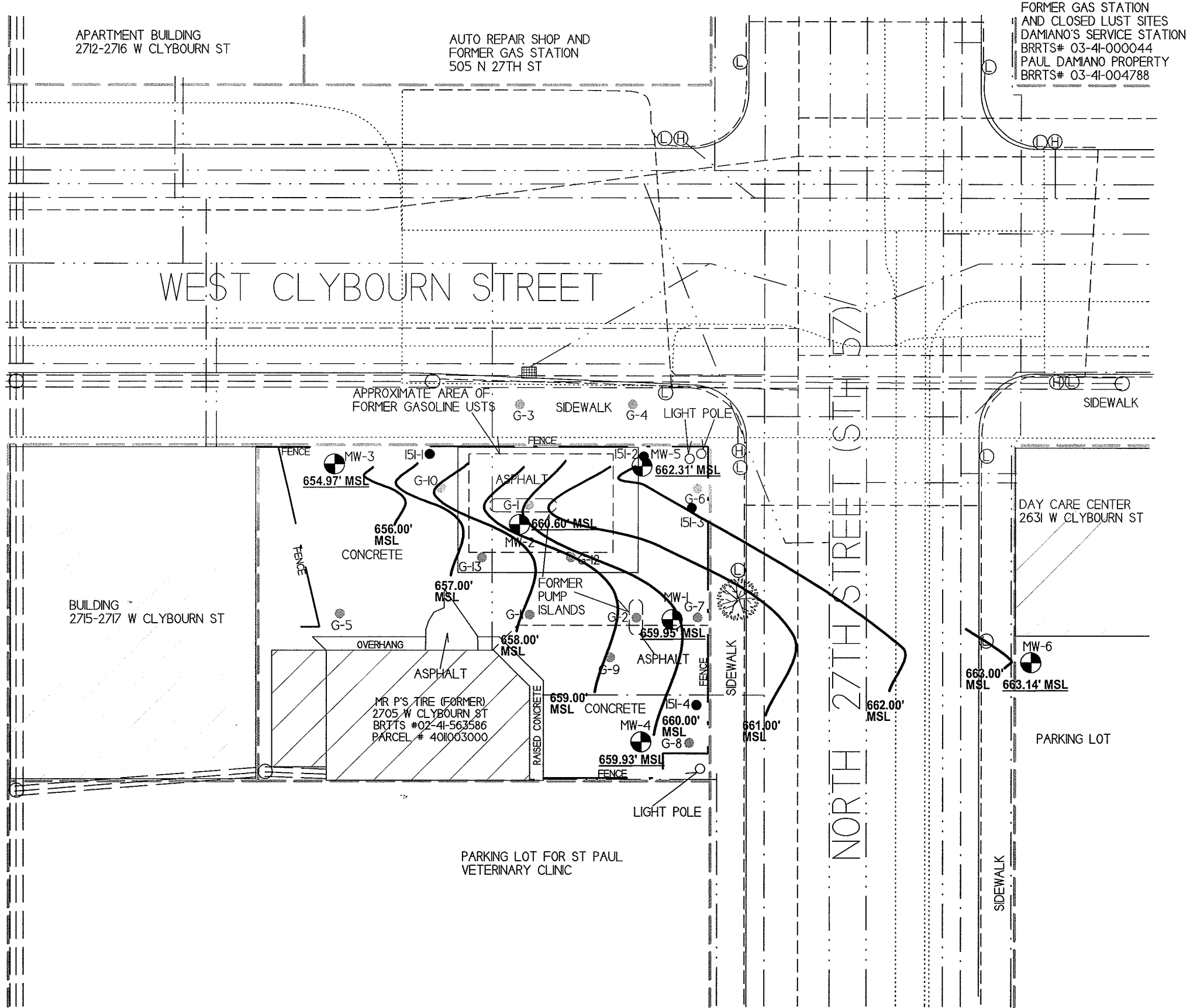
<h3>DETAILED SITE MAP</h3> <h2>MR P'S TIRE</h2>		
<p><small>709 Gillette St, Suite 3 La Crosse, WI 54603 Tel: (608) 781-8879 Fax: (608) 781-8893</small></p> <p><small>Excellence through experience</small></p>	<p>MILWAUKEE, WISCONSIN</p> <p><small>DRAWN BY: ED DATE: 9/2/16 MODIFIED BY: MM DATE: 2/15/17</small></p>	

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER



- - SOIL BORING LOCATION (PHASE 2 INVESTIGATION)
- ⊕ - MONITORING WELL LOCATION
- - GEOPROBE BORING LOCATION
- - UTILITY POLE
- Ⓛ - STREET LIGHT/TRAFFIC SIGNAL
- ⊗ - SEWER MAN HOLE
- ▣ - STORM DRAIN
- ⊕ - FIRE HYDRANT

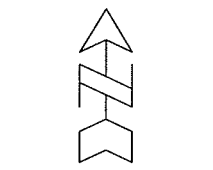
- - WATER LINE
- - - - - SANITARY SEWER LINE
- - - - - NATURAL GAS LINE
- - - - - BURIED ELECTRIC LINE
- ≡≡≡≡≡≡≡≡≡ - OVERHEAD UTILITIES
- - - - - TELEPHONE/CABLE LINE
- - PROPERTY BOUNDARY



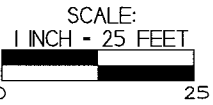
GROUNDWATER FLOW MAP (10/30/17)

MR P'S TIRE

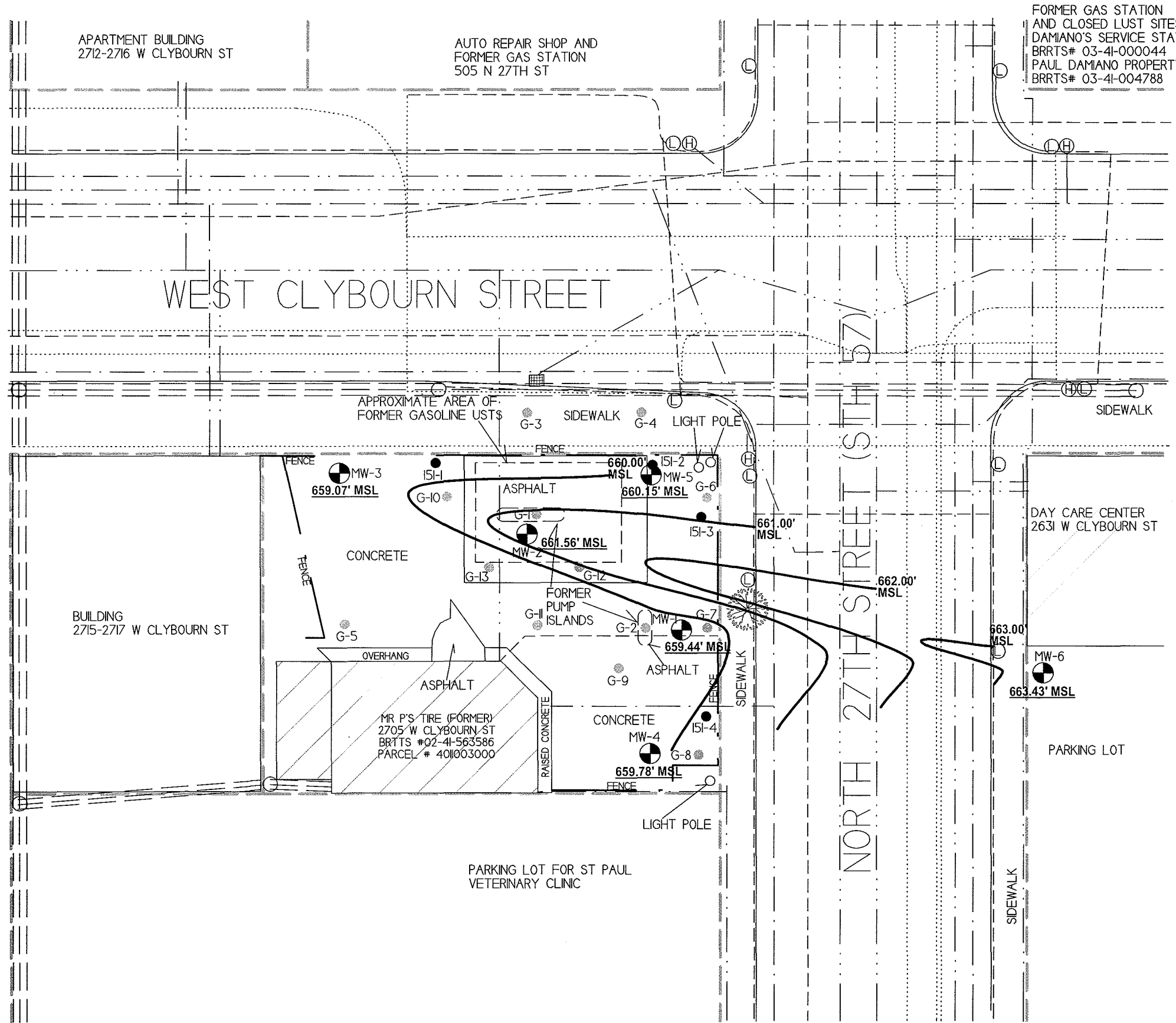
	709 Gillette St. Suite 3 La Crosse, WI 54603 Tel: (608) 781-8879 Fax: (608) 781-8893	MILWAUKEE, WISCONSIN
	DRAWN BY: ED DATE: 9/2/16	MODIFIED BY: MM DATE: 2/15/17



NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER



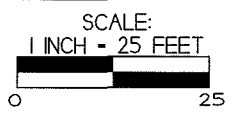
- - SOIL BORING LOCATION (PHASE 2 INVESTIGATION)
- ⊙ - MONITORING WELL LOCATION
- - GEOPROBE BORING LOCATION
- - UTILITY POLE
- ⊙ - STREET LIGHT/TRAFFIC SIGNAL
- ⊙ - SEWER MAN HOLE
- ▣ - STORM DRAIN
- ⊕ - FIRE HYDRANT
- - WATER LINE
- - - - - SANITARY SEWER LINE
- - NATURAL GAS LINE
- - - - - BURIED ELECTRIC LINE
- ≡≡≡≡≡≡≡ - OVERHEAD UTILITIES
- - - - - TELEPHONE/CABLE LINE
- - PROPERTY BOUNDARY



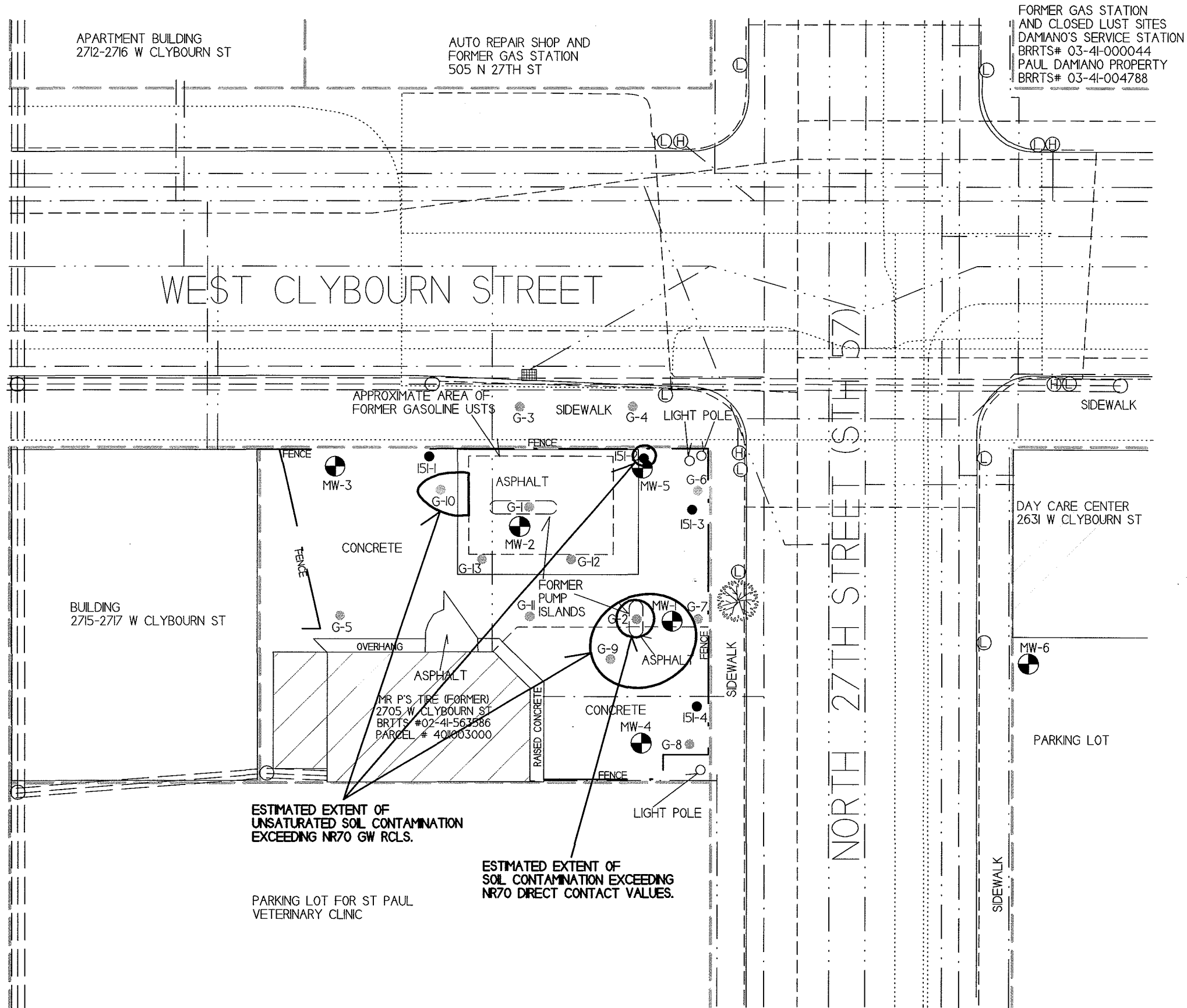
FORMER GAS STATION
AND CLOSED LUST SITES
DAMIANO'S SERVICE STATION
BRRTS# 03-41-00044
PAUL DAMIANO PROPERTY
BRRTS# 03-41-004788

GROUNDWATER FLOW MAP (1/24/18)		
MR P'S TIRE		
 <small>709 Gillette St, Suite 3 La Crosse, WI 54603 Tel: (608) 781-8878 Fax: (608) 781-8893 Excellence through experience</small>	MILWAUKEE, WISCONSIN	
	DRAWN BY: ED DATE: 9/2/16 MODIFIED BY: MM DATE: 2/15/17	

NOTE: INFORMATION BASED ON AVAILABLE
DATA ACTUAL CONDITIONS MAY DIFFER



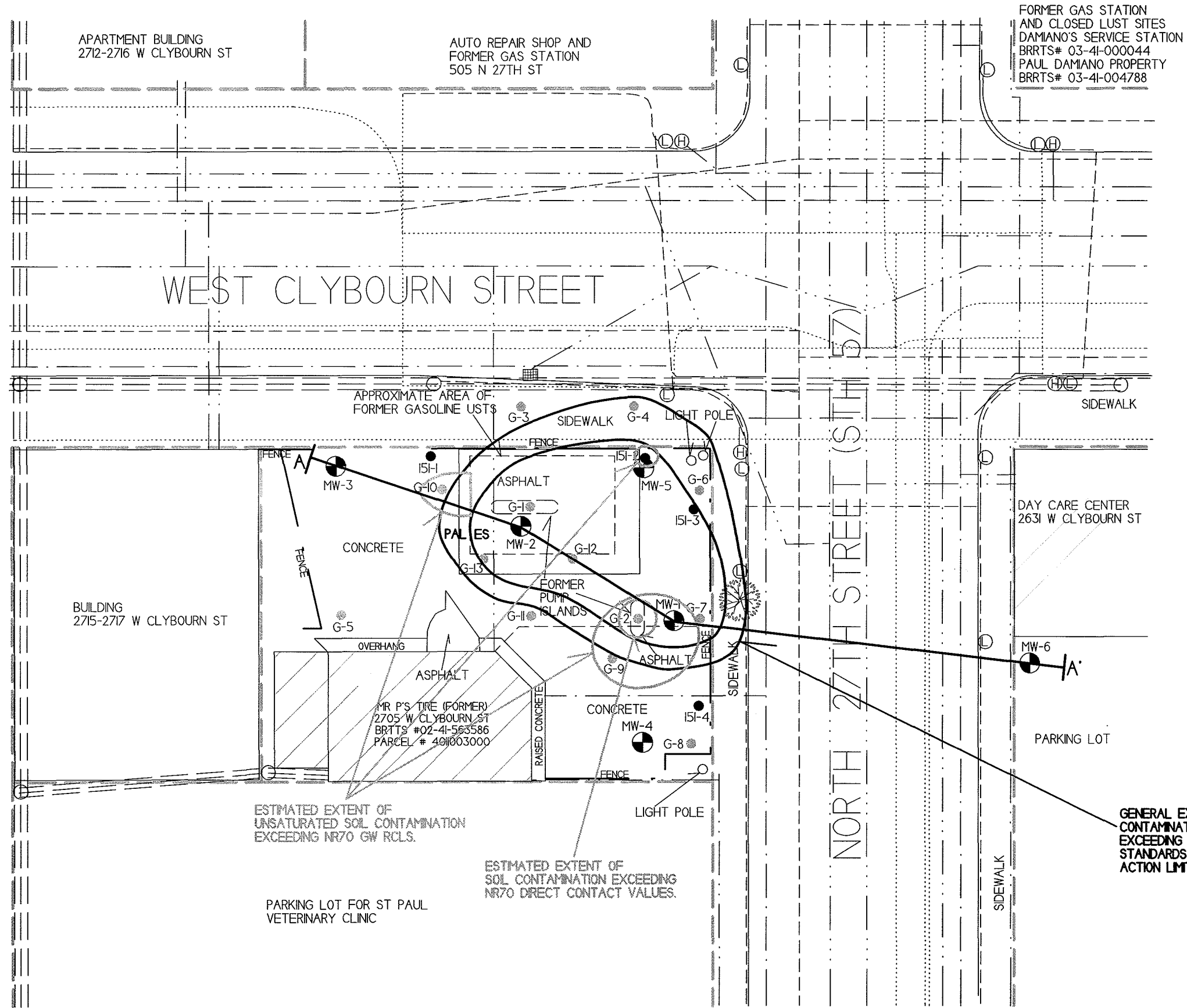
- - SOIL BORING LOCATION (PHASE 2 INVESTIGATION)
 - ⊕ - MONITORING WELL LOCATION
 - - GEOPROBE BORING LOCATION
 - - UTILITY POLE
 - ⊙ - STREET LIGHT/TRAFFIC SIGNAL
 - ⊗ - SEWER MAN HOLE
 - ▣ - STORM DRAIN
 - ⊕ - FIRE HYDRANT
-
- — — — — - WATER LINE
 - - - - - - SANITARY SEWER LINE
 - · - · - · - NATURAL GAS LINE
 - - - - - - BURIED ELECTRIC LINE
 - ≡ ≡ ≡ ≡ ≡ - OVERHEAD UTILITIES
 - · - · - · - TELEPHONE/CABLE LINE
 - - PROPERTY BOUNDARY



SOIL CONTAMINATION		
MR P'S TIRE		
 <small>709 Gillette St, Suite 3 La Crosse, WI 54603 Tel: (608) 781-8879 Fax: (608) 781-8853</small>	<small>MILWAUKEE, WISCONSIN</small>	<small>SCALE: 1 INCH = 25 FEET</small>
<small>DRAWN BY: ED DATE: 9/2/16 MODIFIED BY: MM DATE: 2/15/17</small>		

NOTE: INFORMATION BASED ON AVAILABLE
DATA ACTUAL CONDITIONS MAY DIFFER

- - SOIL BORING LOCATION (PHASE 2 INVESTIGATION)
- ⊙ - MONITORING WELL LOCATION
- - GEOPROBE BORING LOCATION
- - UTILITY POLE
- Ⓛ - STREET LIGHT/TRAFFIC SIGNAL
- ⊕ - SEWER MAN HOLE
- ▣ - STORM DRAIN
- Ⓜ - FIRE HYDRANT
- - WATER LINE
- - - - - SANITARY SEWER LINE
- - - - - NATURAL GAS LINE
- - - - - BURIED ELECTRIC LINE
- ≡≡≡≡≡≡≡≡ - OVERHEAD UTILITIES
- - - - - TELEPHONE/CABLE LINE
- - - - - PROPERTY BOUNDARY



GEOLOGIC CROSS-SECTION MAP

MR P'S TIRE

METCO
709 Gillette St, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8875
Fax: (608) 781-8953
Excellence through experience

MILWAUKEE,
WISCONSIN
DRAWN BY: ED DATE: 9/2/16
MODIFIED BY: MM DATE: 2/15/17

SCALE:
1 INCH = 25 FEET

- NOTE: INFORMATION BASED ON AVAILABLE
DATA ACTUAL CONDITIONS MAY DIFFER
- - SOIL BORING LOCATION (PHASE 2 INVESTIGATION)
 - ⊕ - MONITORING WELL LOCATION
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 - ≡ ≡ ≡ ≡ ≡ = OVERHEAD UTILITIES
 - - - - - = TELEPHONE/CABLE LINE
 - ▭ ▭ ▭ ▭ ▭ = PROPERTY BOUNDARY

GENERAL EXTENT OF PETROLEUM
CONTAMINATION IN GROUNDWATER
EXCEEDING NR140 ENFORCEMENT
STANDARDS (ES) AND/OR PREVENTIVE
ACTION LIMITS (PAL).

GEOLOGIC CROSS-SECTION FIGURE

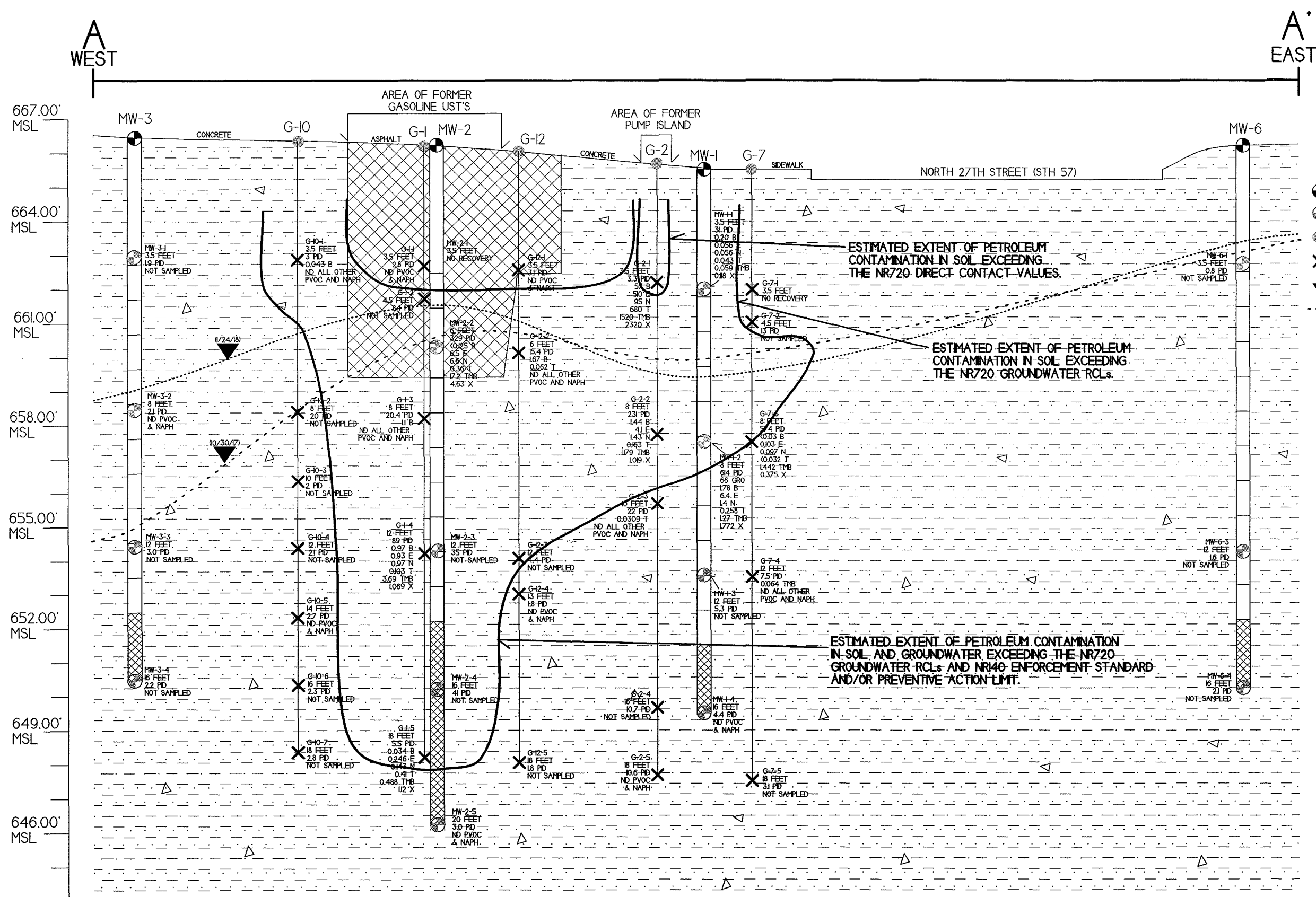
MR. P'S TIRE



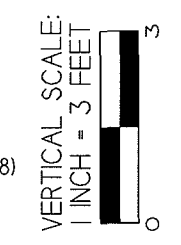
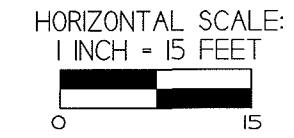
709 Gillette St. Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893

MILWAUKEE, WISCONSIN

DRAWN BY: BK 3/20/18



- = MONITORING WELL LOCATION
- = MONITORING WELL SOIL SAMPLE LOCATION
- = GEOPROBE BORING LOCATION
- ✕ = SOIL SAMPLING LOCATION
- ▼ = WATERTABLE



NOTE: SOIL AND GROUNDWATER SAMPLE DATA IS BASED ON LABORATORY RESULTS FROM SAMPLES COLLECTED DURING THE FOLLOWING EVENTS:

- GEOPROBE PROJECT (2/13-14/17)
- DRILLING PROJECT (10/16-17/17)
- ROUND 2 GROUNDWATER SAMPLING (1/24/18)

INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

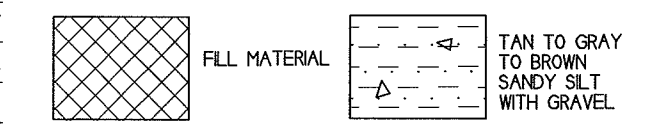
SOIL SAMPLE RESULTS ARE PRESENTED IN PARTS PER MILLION (PPM).

GROUNDWATER SAMPLE RESULTS ARE PRESENTED IN PARTS PER BILLION (PPB).

GROUNDWATER FLOW IS TOWARD THE NORTHWEST.

- ND = NO DETECT
- PID = PHOTO IONIZATION DETECTOR
- GRO = GASOLINE RANGE ORGANICS
- PVOC = PETROLEUM VOLATILE ORGANIC COMPOUNDS
- B = BENZENE
- E = ETHYLBENZENE
- MTBE = METHYL-TERT-BUTYL-ETHER
- N = NAPHTHALENE
- T = TOLUENE
- TMB = TRIMETHYLBENZENE
- X = XYLENE

NOTE: SOIL RESULTS SHOW DETECTS AND EXCEEDANCES THAT HAVE BEEN DOCUMENTED ON THE MAP. SEE DATA TABLES AND/OR LABORATORY REPORTS FOR ALL RESULTS



MW-3	(1/24/18)
B	0.22
E	0.53
MTBE	2.67
N	0.7
T	0.45
TMB	0.48
X	0.58

G-10-W	(10/30/17)
B	4.40
E	0.56
MTBE	2.67
N	0.7
T	0.46
TMB	0.14
X	0.71

G-1-W	(2/13/17)
B	4.40
E	2.46
MTBE	2.15
N	1.95
T	13.6
TMB	3.81
X	1.70

MW-2	(1/24/18)
B	6.80
E	9.2
MTBE	5.7
N	3.3
T	17.2
TMB	23.4
X	48.3

G-12-W	(10/30/17)
B	2.42
E	9.1
MTBE	6.5
N	5.4
T	9.5
TMB	5.72
X	19.25

G-2-W	(2/13/17)
B	1.90
E	4.00
MTBE	4.3
N	1.20
T	1.90
TMB	5.98
X	1.90

MW-1	(1/24/18)
B	1.80
E	9.60
MTBE	5.7
N	8.6
T	6.0
TMB	4.55
X	16.30

G-7-W	(2/13/17)
B	1.730
E	18.40
MTBE	2.15
N	2.24
T	1.01
TMB	18.40
X	30.50

MW-6	(1/24/18)
B	0.22
E	0.53
MTBE	0.57
N	0.7
T	0.45
TMB	0.48
X	0.58

7.0 DATA TABLES, GRAPHS, AND STATISTICAL ANALYSIS

A.1 Groundwater Analytical Table

(Geoprobe)

Mr. P's Tires, Former BRRTS #02-41-563586

Sample ID	Date	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
G-1-W	02/13/17	440	246	<2.15	195	13.6	381	170
G-2-W	02/13/17	190	400	<4.3	120	1490	598	1910
G-3-W	02/13/17	<0.27	<0.56	<0.43	<1.7	<0.33	0.61-1.19	<1.71
G-4-W	02/13/17	2.47	1.27	<0.43	<1.7	5.3	3.09	6.36
G-5-W	02/13/17	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
G-6-W	02/13/17	3.6	3.03	2.93	<1.7	0.49	3.73	5.31
G-7-W	02/13/17	1730	1840	<2.15	224	101	1840	3050
G-8-W	02/13/17	<0.27	<0.56	<0.43	<1.7	<0.33	0.61-1.19	<1.71
G-9-W	02/13/17	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
G-13-W	02/13/17	480	650	<4.3	228	17	998	585.2
G-10-W	10/30/17	0.306	<0.56	2.67	<1.7	0.46	<1.14	<1.71
G-11-W	10/30/17	0.36	<0.56	<0.43	<1.7	0.40	<1.14	<1.71
G-12-W	10/30/17	242	91	6.5	54	9.5	2.92-5.72	16.2-19.25
ENFORCEMENT STANDARD ES = Bold		5	700	60	100	800	480	2000
<i>PREVENTIVE ACTION LIMIT PAL = Italics</i>		<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

NS = Not Sampled NM = Not Measured
 (ppb) = parts per billion

A.1 Groundwater Analytical Table
Mr. P's Tires, Former BRRTS #02-41-563586

Well MW-1

PVC Elevation = 665.11 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
10/30/17	659.95	5.16	<0.9	410	320	<8.2	50	63	305	1890
01/24/18	659.44	5.67	<0.9	1110	960	<5.7	86	60	455	1630
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(ppb) = parts per billion (ppm) = parts per million
 NS = Not Sampled NM = Not Measured
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-2

PVC Elevation = 665.87 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
10/30/17	660.60	5.27	<0.9	540	110	<8.2	119	7.6	71.7	57.3
01/24/18	661.56	4.31	<0.9	680	92	<5.7	33	17.2	23.4	48.3
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(ppb) = parts per billion (ppm) = parts per million
 NS = Not Sampled NM = Not Measured
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-3

PVC Elevation = 666.05 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
10/30/17	654.97	11.08	<0.9	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
01/24/18	659.07	6.98	<0.9	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(ppb) = parts per billion (ppm) = parts per million
 NS = Not Sampled NM = Not Measured
 Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
Mr. P's Tires, Former BRRTS #02-41-563586

Well MW-4

PVC Elevation = 664.83 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
10/30/17	659.93	4.90	<0.9	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
01/24/18	659.78	5.05	<0.9	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(ppb) = parts per billion (ppm) = parts per million
 NS = Not Sampled NM = Not Measured
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-5

PVC Elevation = 666.09 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
10/30/17	662.31	3.78	2.7	34	46	<0.82	59	2.27	31.5	13.85
01/24/18	660.15	5.94	1.2	43	41	<0.57	22.8	6.2	7	7.29
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(ppb) = parts per billion (ppm) = parts per million
 NS = Not Sampled NM = Not Measured
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-6

PVC Elevation = 665.89 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
10/30/17	663.14	2.75	<0.9	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
01/24/18	663.43	2.46	<0.9	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(ppb) = parts per billion (ppm) = parts per million
 NS = Not Sampled NM = Not Measured
 Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
Mr. P's Tires, Former BRRTS #02-41-563586

Well Sampling Conducted on: 10/30/17 10/30/17 10/30/17 10/30/17 10/30/17 10/30/17

VOC's Well Name	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	ENFORCEMENT STANDARD = ES - Bold		PREVENTIVE ACTION LIMIT = PAL - Italics	
Lead, dissolved/ppb	< 0.9	< 0.9	< 0.9	< 0.9	2.7 "J"	< 0.9	15	<i>1.5</i>		
Benzene/ppb	410	540	< 0.17	< 0.17	34	< 0.17	5	<i>0.5</i>		
Bromobenzene/ppb	< 4.3	< 4.3	< 0.43	< 0.43	< 0.43	< 0.43	==	==		
Bromodichloromethane/ppb	< 3.1	< 3.1	< 0.31	< 0.31	< 0.31	2.76	0.6	<i>0.06</i>		
Bromoform/ppb	< 4.9	< 4.9	< 0.49	< 0.49	< 0.49	< 0.49	4.4	<i>0.44</i>		
tert-Butylbenzene/ppb	< 3.9	< 3.9	< 0.39	< 0.39	< 0.39	< 0.39	==	==		
sec-Butylbenzene/ppb	< 2.4	13.6	< 0.24	0.35 "J"	15.2	< 0.24	==	==		
n-Butylbenzene/ppb	4.6 "J"	26.7	< 0.34	< 0.34	29.2	< 0.34	==	==		
Carbon Tetrachloride/ppb	< 2.1	< 2.1	< 0.21	< 0.21	< 0.21	< 0.21	5	<i>0.5</i>		
Chlorobenzene/ppb	< 2.7	< 2.7	< 0.27	< 0.27	< 0.27	< 0.27	==	==		
Chloroethane/ppb	< 5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	400	<i>80</i>		
Chloroform/ppb	< 9.6	< 9.6	< 0.96	< 0.96	< 0.96	1.79 "J"	6	<i>0.6</i>		
Chloromethane/ppb	< 13	< 13	< 1.3	< 1.3	< 1.3	< 1.3	30	<i>3</i>		
2-Chlorotoluene/ppb	< 3.6	< 3.6	< 0.36	< 0.36	< 0.36	< 0.36	==	==		
4-Chlorotoluene/ppb	< 3.5	< 3.5	< 0.35	< 0.35	< 0.35	< 0.35	==	==		
1,2-Dibromo-3-chloropropane/ppb	< 18.8	< 18.8	< 1.88	< 1.88	< 1.88	< 1.88	0.2	<i>0.02</i>		
Dibromochloromethane/ppb	< 4.5	< 4.5	< 0.45	< 0.45	< 0.45	2.03	60	<i>6</i>		
1,4-Dichlorobenzene/ppb	< 4.2	< 4.2	< 0.42	< 0.42	< 0.42	< 0.42	75	<i>15</i>		
1,3-Dichlorobenzene/ppb	< 4.5	< 4.5	< 0.45	< 0.45	< 0.45	< 0.45	600	<i>120</i>		
1,2-Dichlorobenzene/ppb	< 3.4	< 3.4	< 0.34	< 0.34	< 0.34	< 0.34	600	<i>60</i>		
Dichlorodifluoromethane/ppb	< 3.8	< 3.8	< 0.38	< 0.38	< 0.38	< 0.38	1000	<i>200</i>		
1,2-Dichloroethane/ppb	< 4.5	< 4.5	< 0.45	< 0.45	< 0.45	< 0.45	5	<i>0.5</i>		
1,1-Dichloroethane/ppb	< 4.2	< 4.2	< 0.42	< 0.42	< 0.42	< 0.42	850	<i>85</i>		
1,1-Dichloroethene/ppb	< 4.6	< 4.6	< 0.46	< 0.46	< 0.46	< 0.46	7	<i>0.7</i>		
cis-1,2-Dichloroethene/ppb	< 4.1	< 4.1	< 0.41	< 0.41	< 0.41	< 0.41	70	<i>7</i>		
trans-1,2-Dichloroethene/ppb	< 3.5	< 3.5	< 0.35	< 0.35	< 0.35	< 0.35	100	<i>20</i>		
1,2-Dichloropropane/ppb	< 3.9	< 3.9	< 0.39	< 0.39	< 0.39	< 0.39	5	<i>0.5</i>		
1,3-Dichloropropane/ppb	< 4.9	< 4.9	< 0.49	< 0.49	< 0.49	< 0.49	==	==		
trans-1,3-Dichloropropene/ppm	< 4.2	< 4.2	< 0.42	< 0.42	< 0.42	< 0.42	0.4	<i>0.04</i>		
cis-1,3-Dichloropropene/ppm	< 2.1	< 2.1	< 0.21	< 0.21	< 0.21	< 0.21	==	==		
Di-isopropyl ether/ppb	< 2.6	< 2.6	< 0.26	< 0.26	< 0.26	< 0.26	==	==		
EDB (1,2-Dibromoethane)/ppb	< 3.4	< 3.4	< 0.34	< 0.34	< 0.34	< 0.34	0.05	<i>0.005</i>		
Ethylbenzene/ppb	320	110	< 0.2	< 0.2	46	< 0.2	700	<i>140</i>		
Hexachlorobutadiene/ppb	< 14.7	< 14.7	< 1.47	< 1.47	< 1.47	< 1.47	==	==		
Isopropylbenzene/ppb	11.5	88	< 0.29	< 0.29	54	< 0.29	==	==		
p-Isopropyltoluene/ppb	< 2.8	< 2.8	< 0.28	< 0.28	< 0.28	< 0.28	==	==		
Methylene chloride/ppb	< 9.4	< 9.4	< 0.94	< 0.94	< 0.94	< 0.94	5	<i>0.5</i>		
Methyl tert-butyl ether (MTBE)/ppb	< 8.2	< 8.2	< 0.82	< 0.82	< 0.82	< 0.82	60	<i>12</i>		
Naphthalene/ppb	50 "J"	119	< 2.17	< 2.17	59	< 2.17	100	<i>10</i>		
n-Propylbenzene/ppb	32	235	< 0.19	< 0.19	134	< 0.19	==	==		
1,1,2,2-Tetrachloroethane/ppb	< 6.9	< 6.9	< 0.69	< 0.69	< 0.69	< 0.69	0.2	<i>0.02</i>		
1,1,1,2-Tetrachloroethane/ppb	< 4.7	< 4.7	< 0.47	< 0.47	< 0.47	< 0.47	70	<i>7</i>		
Tetrachloroethene (PCE)/ppb	< 4.8	< 4.8	< 0.48	< 0.48	< 0.48	< 0.48	5	<i>0.5</i>		
Toluene/ppb	63	7.6 "J"	< 0.67	< 0.67	2.27	< 0.67	800	<i>160</i>		
1,2,4-Trichlorobenzene/ppb	< 12.9	< 12.9	< 1.29	< 1.29	< 1.29	< 1.29	70	<i>14</i>		
1,2,3-Trichlorobenzene/ppb	< 8.3	< 8.3	< 0.83	< 0.83	< 0.83	< 0.83	==	==		
1,1,1-Trichloroethane/ppb	< 3.5	< 3.5	< 0.35	< 0.35	< 0.35	< 0.35	200	<i>40</i>		
1,1,2-Trichloroethane/ppb	< 6.5	< 6.5	< 0.65	< 0.65	< 0.65	< 0.65	5	<i>0.5</i>		
Trichloroethene (TCE)/ppb	< 4.5	< 4.5	< 0.45	< 0.45	< 0.45	< 0.45	5	<i>0.5</i>		
Trichlorofluoromethane/ppb	< 6.4	< 6.4	< 0.64	< 0.64	< 0.64	< 0.64	==	==		
1,2,4-Trimethylbenzene/ppb	238	57	< 1.14	< 1.14	20.9	< 1.14	Total TMB's 480	<i>Total TMB's 96</i>		
1,3,5-Trimethylbenzene/ppb	67	14.7 "J"	< 0.91	< 0.91	10.6	< 0.91	0.2	<i>0.02</i>		
Vinyl Chloride/ppb	< 1.9	< 1.9	< 0.19	< 0.19	< 0.19	< 0.19	Total Xylenes 2000	<i>Total Xylenes 400</i>		
m&p-Xylene/ppb	1070	53	< 1.56	< 1.56	12.7	< 1.56				
o-Xylene/ppb	820	4.3 "J"	< 0.39	< 0.39	1.15 "J"	< 0.39				

NS = Not Sampled, NM = Not Measured
Q = Analyte detected above laboratory method detection limit but below practical quantitation limit.
= = No Exceedences
(ppb) = parts per billion
(ppm) = parts per million
"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

A.2 Soil Analytical Results Table
 Mr. P's Tires (former)
 BRRTS #02-41-563586

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Benzene (ppm)	Ethyl Benzene (ppm)	MTBE (ppm)	Naphthalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppb)	DIRECT CONTACT PVOC & PAH COMBINED					
																	Exceedance Count	Hazard Index	Cumulative Cancer Risk			
MW-4-1	3.5	U	10/16/17	2.4													NS	0				
MW-4-2	8.0	S	10/16/17	12.4	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.066	<0.075		NS					
MW-4-3	12.0	S	10/16/17	2.2													NS					
MW-4-4	16.0	S	10/16/17	1.9													NS					
MW-5-1	3.5	U	10/16/17	1.9													NS	0				
MW-5-2	8.0	S	10/16/17	81	NS	NS	NS	<0.025	0.176	<0.025	1.39	0.075	0.117	0.19	0.519		NS					
MW-5-3	12.0	S	10/16/17	50													NS					
MW-5-4	16.0	S	10/16/17	22													NS					
MW-6-1	3.5	U	10/16/17	0.8													NS	0				
MW-6-2																	NS					
																	NS					
MW-6-3	12.0	S	10/16/17	1.6													NS					
MW-6-4	16.0	S	10/16/17	2.1													NS					
MW-1-1	3.5	U	10/17/17	31	NS	NS	NS	0.20	0.056	<0.025	0.056	0.043	<0.025	0.059	0.118		NS	0	0.0025	1.4E-07		
MW-1-2	8.0	S	10/17/17	614	NS	NS	66	1.78	6.4	<0.025	1.4	0.258	0.88	0.39	1.772	TCLP Lead <0.1 TCLP Benzene <0.05						
MW-1-3	12.0	S	10/17/17	5.3													NS					
MW-1-4	16.0	S	10/17/17	4.4	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075		NS					
MW-2-1																	NS					
																	NS					
MW-2-2	6.0	S	10/17/17	329	NS	NS	440	<0.125	6.5	<0.125	6.6	0.36	12.7	4.5	4.63		NS					
MW-2-3	12.0	S	10/17/17	35													NS					
MW-2-4	16.0	S	10/17/17	41													NS					
MW-2-5	20.0	S	10/17/17	3.0	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075		NS					
MW-3-1	3.5	U	10/17/17	1.9													NS	0				
MW-3-2	8.0	U	10/17/17	2.1	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075		NS					
MW-3-3	12.0	S	10/17/17	3.0													NS					
MW-3-4	16.0	S	10/17/17	2.2													NS					
Groundwater RCL								27	-	-	0.00512	1.57	0.027	0.6582	1.11	1.38						
Non-Industrial Direct Contact RCL								400	-	-	1.6	8.02	63.8	5.52	818	219	182	258	-	-	1.00E+00	1.00E-05
Industrial Direct Contact RCL								(800)	-	-	(7.07)	(35.4)	(282)	(24.1)	(818)	(219)	(182)	(258)	-	-	1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*								-	-	-	1820*	480*	8870*	-	818*	219*	182*	258*	-	-		

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance
Bold & Asteric * = C-sat Exceedance
Italics = Industrial Direct Contact RCL
 NS = Not Sampled NM = Not Measured
 (ppm) = parts per million ND = No Detects
 DRO = Diesel Range Organics
 GRO = Gasoline Range Organics
 PID = Photoionization Detector
 PVOC's = Petroleum Volatile Organic Compounds
 VOC's = Volatile Organic Compounds
Note: Non-Industrial RCLs apply to this site.

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)
 S=SATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

A.2 Soil Analytical Results Table
Mr. P's Tires, Former BRRTS #02-41-563586

Sampling Conducted on October 26, 2014

VOC's									Bold = Groundwater RCL	<u>Underline & Bold = Non- Industrial Direct Contact RCL</u>	(Parenthesis & Bold) = Industrial Direct Contact RCL	Asteric * & Bold =Soil Saturation (C- sat) RCL
	Sample ID#	151-1 2-4	151-1 17-18	151-2 3-5	151-2 17-18	151-3 3-5	151-3 17-18	151-4 2-4				
Solids Percent												
Diesel Range Organics/ppm	0.95J	1.8J	24.3	<0.97	<0.92	1.8J	<1.0	3.0	==	==	==	==
Gasoline Range Organics/ppm	<2.8	<3.0	456	<3.0	<2.9	<2.9	<3.2	<3.0	==	==	==	==
Lead/ppm	8.0	5.6	6.7	6.7	15.0	5.6	8.0	7.3	27	400	(800)	==
1,1,1,2-Tetrachloroethane/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	0.0534	2.78	(12.3)	==
1,1,1-Trichloroethane/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	0.1402	==	==	==
1,1,2,2-Tetrachloroethane/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	0.000156	0.81	(3.6)	==
1,1,2-Trichloroethane/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	0.00324	1.59	(7.01)	==
1,1-Dichloroethane/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	0.4834	5.06	(22.2)	==
1,1-Dichloroethene/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	0.00502	320	(1190)	1190*
1,1-Dichloropropene/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	==	==	==	==
1,2,3-Trichlorobenzene/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	==	62.6	(934)	==
1,2,3-Trichloropropane/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	==	==	==	==
1,2,4-Trichlorobenzene/ppm	<0.0176	<0.0476	<0.0476	<0.0476	<0.0476	<0.0476	<0.0476	<0.0476	0.408	24	(113)	==
1,2,4-Trimethylbenzene/ppm	<0.0250	<0.0250	0.110	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	1.38	219	(219)	219*
1,3,5-Trimethylbenzene/ppm	<0.0250	<0.0250	0.0350J	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	==	182	(182)	182*
1,2-Dibromo-3-chloropropane/ppm	<0.0912	<0.0912	<0.0912	<0.0912	<0.0912	<0.0912	<0.0912	<0.0912	0.000173	0.008	(0.092)	==
EDB (1,2-Dibromoethane)/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	0.0000282	0.05	(0.221)	==
1,2-Dichlorobenzene/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	1.168	376	(376)	376*
1,2-Dichloroethane/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	0.00284	0.652	(2.87)	540*
1,2-Dichloropropane/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	0.00332	0.406	(1.78)	==
1,3-Dichlorobenzene/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	1.1528	297	(193)	297*
1,3-Dichloropropane/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	==	1490	(1490)	1490*
1,4-Dichlorobenzene/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	0.144	3.74	(16.4)	==
2,2-Dichloropropane/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	==	527	(527)	527*
2-Chlorotoluene/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	==	==	==	==
4-Chlorotoluene/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	==	==	==	==
Benzene/ppm	<0.0250	<0.0250	0.0859	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	0.00512	1.6	(7.07)	1820*
Bromobenzene/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	==	342	(679)	==
Bromochloromethane/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	==	==	==	==
Bromodichloromethane/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	0.000326	0.418	(1.83)	==
Bromoform/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	0.00233	25.4	(113)	==
Bromomethane/ppm	<0.0699	<0.0699	<0.0699	<0.0699	<0.0699	<0.0699	<0.0699	<0.0699	==	==	==	==
Carbon Tetrachloride/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	0.00388	0.916	(4.03)	==
Chlorobenzene/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	==	370	(761)	761*
Chloroethane/ppm	<0.0670	<0.0670	<0.0670	<0.0670	<0.0670	<0.0670	<0.0670	<0.0670	0.227	==	==	==
Chloroform/ppm	<0.0464	<0.0464	<0.0464	<0.0464	<0.0464	<0.0464	<0.0464	<0.0464	0.0033	0.454	(1.98)	==
Chloromethane/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	0.0155	159	(669)	==
Dibromochloromethane/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	0.032	8.28	(38.9)	==
Dibromomethane/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	==	==	==	==
Dichlorodifluoromethane/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	3.0863	126	(530)	==
Di-isopropyl ether/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	==	2260	(2260)	2260*
Ethylbenzene/ppm	<0.0250	<0.0250	1.580	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	1.57	8.02	(35.4)	480*
Hexachlorobutadiene/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	==	1.63	(7.19)	==
Isopropylbenzene/ppm	<0.0250	<0.0250	1.040	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	==	==	==	==
Methyl tert-butyl ether (MTBE)/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	0.027	63.8	(282)	8870*
Methylene chloride/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	0.00256	61.8	(1150)	==
Naphthalene/ppm	<0.0400	<0.0400	5.310	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	0.6582	5.52	(24.1)	==
Styrene/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	==	==	==	==
Tetrachloroethene (PCE)/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	0.00454	33	(145)	==
Toluene/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	1.11	818	(818)	818*
Trichloroethene (TCE)/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	0.00358	1.3	(8.41)	==
Trichlorofluoromethane/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	2.2387	1230	(1230)	1230*
Vinyl Chloride/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	0.000138	0.07	(2.08)	==
cis-1,2-Dichloroethene/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	0.0412	156	(2340)	==
trans-1,3-Dichloropropene/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250		0.001	1510	(1510)
cis-1,3-Dichloropropene/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250			1210	(1210)
m&p-Xylene/ppm	<0.0500	<0.0500	0.0709J	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	3.96	260	(260)	258*
o-Xylene/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	==	108	(108)	108*
n-Butylbenzene/ppm	<0.0250	<0.0250	2.200	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	==	==	==	==
n-Propylbenzene/ppm	<0.0250	<0.0250	3.710	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	==	162	(162)	162*
p-Isopropyltoluene/ppm	<0.0250	<0.0250	0.0434J	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	==	145	(145)	145*
sec-Butylbenzene/ppm	<0.0250	<0.0250	0.745	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	==	183	(183)	183*
tert-Butylbenzene/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	0.626	1560	(1850)	==
trans-1,2-Dichloroethene/ppm	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250				

NS = Not Sampled, NM = Not Measured
(ppm) = parts per million
= = No Exceedences
"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Note: Non-Industrial RCLs apply to this site.

A.2 Soil Analytical Results Table
 Mr. P's Tires, Former BRRTS #02-41-563586

Sampling Conducted on February 13, 2017

VOC's		Bold = Groundwater RCL	<u>Underline & Bold = Non- Industrial Direct Contact RCL</u>	(Parenthesis & Bold) = Industrial Direct Contact RCL	Asteric * & Bold =Soil Saturation (C- sat) RCL
Sample ID#	G-7-3				
Sample Depth/ft.	8				
Solids Percent	83.8				
Benzene/ppm	< 0.03	0.00512	<u>1.6</u>	(7.07)	1820*
Bromobenzene/ppm	< 0.025	= =	<u>342</u>	(679)	= =
Bromodichloromethane/ppm	< 0.074	0.000326	<u>0.418</u>	(1.83)	= =
Bromoform/ppm	< 0.029	0.00233	<u>25.4</u>	(113)	= =
tert-Butylbenzene/ppm	< 0.026	= =	<u>183</u>	(183)	183*
sec-Butylbenzene/ppm	< 0.033	= =	<u>145</u>	(145)	145*
n-Butylbenzene/ppm	0.098 "J"	= =	<u>108</u>	(108)	108*
Carbon Tetrachloride/ppm	< 0.016	0.00388	<u>0.916</u>	(4.03)	= =
Chlorobenzene/ppm	< 0.013	= =	<u>370</u>	(761)	761*
Chloroethane/ppm	< 0.091	0.227	= =	= =	= =
Chloroform/ppm	< 0.035	0.0033	<u>0.454</u>	(1.98)	= =
Chloromethane/ppm	< 0.076	0.0155	<u>159</u>	(669)	= =
2-Chlorotoluene/ppm	< 0.015	= =	= =	= =	= =
4-Chlorotoluene/ppm	< 0.018	= =	= =	= =	= =
1,2-Dibromo-3-chloropropane/ppm	< 0.058	0.000173	<u>0.008</u>	(0.092)	= =
Dibromochloromethane/ppm	< 0.025	0.032	<u>8.28</u>	(38.9)	= =
1,4-Dichlorobenzene/ppm	< 0.037	0.144	<u>3.74</u>	(16.4)	= =
1,3-Dichlorobenzene/ppm	< 0.037	1.1528	<u>297</u>	(193)	297*
1,2-Dichlorobenzene/ppm	< 0.028	1.168	<u>376</u>	(376)	376*
Dichlorodifluoromethane/ppm	< 0.048	3.0863	<u>126</u>	(530)	= =
1,2-Dichloroethane/ppm	< 0.038	0.00284	<u>0.652</u>	(2.87)	540*
1,1-Dichloroethane/ppm	< 0.034	0.4834	<u>5.06</u>	(22.2)	= =
1,1-Dichloroethene/ppm	< 0.022	0.00502	<u>320</u>	(1190)	1190*
cis-1,2-Dichloroethene/ppm	< 0.032	0.0412	<u>156</u>	(2340)	= =
trans-1,2-Dichloroethene/ppm	< 0.028	0.626	<u>1560</u>	(1850)	= =
1,2-Dichloropropane/ppm	< 0.035	0.00332	<u>0.406</u>	(1.78)	= =
2,2-Dichloropropane/ppm	< 0.037	= =	<u>527</u>	(527)	527*
1,3-Dichloropropane/ppm	< 0.025	= =	<u>1490</u>	(1490)	1490*
Di-isopropyl ether/ppm	< 0.01	= =	<u>2260</u>	(2260)	2260*
EDB (1,2-Dibromoethane)/ppm	< 0.023	0.0000282	<u>0.05</u>	(0.221)	= =
Ethylbenzene/ppm	0.103 "J"	1.57	<u>8.02</u>	(35.4)	480*
Hexachlorobutadiene/ppm	< 0.085	= =	<u>1.63</u>	(7.19)	= =
Isopropylbenzene/ppm	< 0.034	= =	= =	= =	= =
p-Isopropyltoluene/ppm	< 0.029	= =	<u>162</u>	(162)	162*
Methylene chloride/ppm	< 0.15	0.00256	<u>61.8</u>	(1150)	= =
Methyl tert-butyl ether (MTBE)/ppm	< 0.05	0.027	<u>63.8</u>	(282)	8870*
Naphthalene/ppm	0.097 "J"	0.6582	<u>5.52</u>	(24.1)	= =
n-Propylbenzene/ppm	0.116	= =	= =	= =	= =
1,1,2,2-Tetrachloroethane/ppm	< 0.028	0.000156	<u>0.81</u>	(3.6)	= =
1,1,1,2-Tetrachloroethane/ppm	< 0.028	0.0534	<u>2.78</u>	(12.3)	= =
Tetrachloroethene (PCE)/ppm	< 0.032	0.00454	<u>33</u>	(145)	= =
Toluene/ppm	< 0.032	1.11	<u>818</u>	(818)	818*
1,2,4-Trichlorobenzene/ppm	< 0.064	0.408	<u>24</u>	(113)	= =
1,2,3-Trichlorobenzene/ppm	< 0.066	= =	<u>62.6</u>	(934)	= =
1,1,1-Trichloroethane/ppm	< 0.03	0.1402	= =	= =	= =
1,1,2-Trichloroethane/ppm	< 0.033	0.00324	<u>1.59</u>	(7.01)	= =
Trichloroethene (TCE)/ppm	< 0.041	0.00358	<u>1.3</u>	(8.41)	= =
Trichlorofluoromethane/ppm	< 0.041	2.2387	<u>1230</u>	(1230)	1230*
1,2,4-Trimethylbenzene/ppm	1.23	1.38	<u>219</u>	(219)	219*
1,3,5-Trimethylbenzene/ppm	0.212	= =	<u>182</u>	(182)	182*
Vinyl Chloride/ppm	< 0.019	0.000138	<u>0.07</u>	(2.08)	= =
m&p-Xylene/ppm	0.31	= =	= =	= =	= =
o-Xylene/ppm	0.065 "J"	3.96	<u>260</u>	(260)	258*

NS = Not Sampled, NM = Not Measured

(ppm) = parts per million

= = No Exceedences

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Note: Non-Industrial RCLs apply to this site.

A.6 Water Level Elevations
Mr. P's Tires, Former BRRTS #02-41-563586
Milwaukee, Wisconsin

	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
Ground Surface (feet msl)	665.54	666.27	666.47	665.19	666.49	666.23
PVC top (feet msl)	665.11	665.87	666.05	664.83	666.09	665.89
Well Depth (feet)	14.00	14.00	14.00	14.00	14.00	14.00
Top of screen (feet msl)	661.54	662.27	662.47	661.19	662.49	662.23
Bottom of screen (feet msl)	651.54	652.27	652.47	651.19	652.49	652.23
Depth to Water From Top of PVC (feet)						
10/30/17	5.16	5.27	11.08	4.90	3.78	2.75
01/24/18	5.67	4.31	6.98	5.05	5.94	2.46
Depth to Water From Ground Surface (feet)						
10/30/17	5.59	5.67	11.50	5.26	4.18	3.09
01/24/18	6.10	4.71	7.40	5.41	6.34	2.80
Groundwater Elevation (feet msl)						
10/30/17	659.95	660.60	654.97	659.93	662.31	663.14
01/24/18	659.44	661.56	659.07	659.78	660.15	663.43

A.7 Other
Groundwater NA Indicator Results
Mr. P's Tires, Former BRRTS #02-41-563586

Well MW-1

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
10/30/17	0.22	7.52	233	17.1	1938	<0.17	35.0	0.07	3610
01/24/18	1.19	6.82	-155	8.4	1782	NS	NS	NS	NS
ENFORCEMENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italics						<i>2</i>	-	-	<i>60</i>

(ppb) = parts per billion (ppm) = parts per million
 NS = Not Sampled NM = Not Measured ORP = Oxidation Reduction Potential
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-2

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
10/30/17	0.31	7.99	236	17.4	554	<0.17	9.84	0.24	1800
01/24/18	0.96	6.95	-61	7.4	6405	NS	NS	NS	NS
ENFORCEMENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italics						<i>2</i>	-	-	<i>60</i>

(ppb) = parts per billion (ppm) = parts per million
 NS = Not Sampled NM = Not Measured ORP = Oxidation Reduction Potential
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-3

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
10/30/17	3.46	9.04	247	15.6	1248	0.37	169	0.03	2490
01/24/18	1.74	7.35	160	9.5	1402	NS	NS	NS	NS
ENFORCEMENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italics						<i>2</i>	-	-	<i>60</i>

(ppb) = parts per billion (ppm) = parts per million
 NS = Not Sampled NM = Not Measured ORP = Oxidation Reduction Potential
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-4

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
10/30/17	1.00	7.93	253	18.3	1103	<0.17	32.7	<0.03	1100
01/24/18	1.41	7.25	42.4	8.43	974	NS	NS	NS	NS
ENFORCEMENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italics						<i>2</i>	-	-	<i>60</i>

(ppb) = parts per billion (ppm) = parts per million
 NS = Not Sampled NM = Not Measured ORP = Oxidation Reduction Potential
 Note: Elevations are presented in feet mean sea level (msl).

A.7 Other

Groundwater NA Indicator Results

Mr. P's Tires, Former BRRTS #02-41-563586

Well MW-5

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
10/30/17	0.31	8.21	225	16.2	2065	<0.17	9.38	<0.03	685
01/24/18	1.53	7.16	-28	7.6	2643	NS	NS	NS	NS
ENFORCEMENT STANDARD = ES – Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italics						2	-	-	60

(ppb) = parts per billion (ppm) = parts per million

NS = Not Sampled NM = Not Measured ORP = Oxidation Reduction Potential

Note: Elevations are presented in feet mean sea level (msl).

Well MW-6

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
10/30/17	12.30	9.00	243	12.0	280	0.19	27.0	<0.03	11.8
01/24/18	15.49	8.41	362	2.2	285	NS	NS	NS	NS
ENFORCEMENT STANDARD = ES – Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italics						2	-	-	60

(ppb) = parts per billion (ppm) = parts per million

NS = Not Sampled NM = Not Measured ORP = Oxidation Reduction Potential

Note: Elevations are presented in feet mean sea level (msl).

8.0 PHOTOS

Site Investigation Report - METCO

Photo #1: Looking south.



Photo #2: Looking southwest at the on-site building.



Site Investigation Report - METCO

Photo #: Looking southwest.



Photo #4: Looking east.



APPENDIX A/ METHODS OF INVESTIGATION

Geoprobe Project

Geoprobe sampling was completed by Geiss Soil & Samples, LLC of Merrill, Wisconsin, under the supervision of METCO personnel. The Geoprobe consists of a truck or track-mounted, hydraulically driven unit that advances interconnected, 1-inch diameter, 4-foot-long, and stainless-steel rods into the subsurface.

Field observations such as soil characteristics, petroleum odors, and petroleum staining associated with all the collected samples were continuously noted throughout sampling. All Geoprobe holes were properly abandoned to ground level using bentonite clay.

The purpose of the Geoprobe Project was to cost effectively determine, if the released contaminants have impacted the soil and groundwater, and determine the general extent of contamination along those mediums. This collected information would then be used to guide the Drilling Project, if required.

Geoprobe Soil Sampling

The procedure consisted of advancing an assembled stainless-steel sampler to the top of the interval to be sampled. A stop-pin was then removed, and the sampler driven until filled. The rods were retracted from the hole and the sample recovered.

Geoprobe Groundwater Sampling

This procedure consisted of advancing a stainless steel, mill slotted well point into the watertable interface. Disposable, flexible, ¼ inch diameter polyethylene tubing was then introduced through the steel rods and down to the watertable interface. A hand-held pump was used to slowly draw an undisturbed water sample into the polyethylene tube, which was then removed from the steel rods and the water sample immediately placed into sampling containers.

Drilling Project

Soil borings were conducted by Soils & Engineering Services, Inc. of Madison, Wisconsin, under the supervision of METCO personnel. Using a truck or track-mounted auger drill rig, all borings were completed in accordance with ASTM D-1452, "Soil Investigation and Sampling by Auger Boring," using 4.25-inch, inside-diameter (ID) hollow stem augers. Soil sampling was conducted using a Geoprobe. Using this procedure an assembled stainless-steel sampler is advanced to the top of the interval to be sampled, a stop-pin is then removed, and the sampler driven until filled.

Field observations such as soil characteristics, petroleum odors, and petroleum staining were continuously noted throughout the drilling process.

The purpose of the Drilling Project and subsequent well installation/sampling was to investigate subsurface conditions and characteristics, verify the extent of petroleum contamination in local soil and groundwater, and collect aquifer data.

Field Screening

Selected soil samples were scanned with a Model DL102 HNU Photo-ionization Meter equipped with a 10.6 eV lamp. Metered calibrations were done at the beginning of each workday using an isobutylene standard. A quart sized Ziploc bag was filled, by gloved hand, one-third full with the sample. The Ziploc bags were sealed and shaken vigorously for 30 seconds. Headspace development was established by allowing the sample to rest for at least 15 minutes. If ambient

Site Investigation Report – METCO Mr. P's Tires (former)

temperatures are below 70 degrees Fahrenheit, headspace development takes place in a heated environment, which allows the sample enough time to establish satisfactory headspace. To take readings, the HNU probe was inserted through the Ziploc seal and the highest meter response recorded.

Throughout the field projects the HNU Meter did not encounter any vast temperature or humidity changes, malfunctions, repairs, or any other obvious interferences that would affect its results.

Monitoring Well Installation, Development, and Sampling

Monitoring well installation was completed by Soils & Engineering Services, Inc. of Madison, Wisconsin, under the supervision of METCO personnel and done in accordance with Wisconsin Department of Natural Resources Chapter NR141, "Groundwater Monitoring Well Requirements." The monitoring wells were constructed of flush threaded, 2-inch inside-diameter schedule 40 polyvinyl chloride (PVC) piping. Ten-foot well screens with 0.010-inch slots were installed partially into the groundwater, with the watertable intersecting the screen. Uniform washed sand was installed around the well screens to serve as a filter pack. Bentonite was used above the filter pack to provide an annular space seal.

Locking watertight caps along with steel flush-mounted covers were installed with the wells for protection. Monitoring Well Construction Forms and a Groundwater Monitoring Well Information Form are presented in Appendix C.

The wells were surveyed by Fauerbach Surveying & Engineering of Hillsboro, Wisconsin. Measurements were recorded in feet mean sea level.

Each well was alternately surged and purged by METCO personnel with a bottom loading, disposable, polyethylene bailer for 15-20 minutes to remove fines from the well screen. Approximately 10-80 gallons of groundwater was then removed with a small electrical submersible pump. Well Development Forms are presented in Appendix C.

Groundwater samples for laboratory analysis were collected using a bottom loading, disposable, polyethylene bailer and disposable, polyethylene twine. A minimum of four well volumes was purged from the well immediately before sampling.

Field observations such as color, turbidity, petroleum odors, and petroleum sheens associated with the collected samples were continuously noted throughout sampling.

Sample Preparation

The volume of sample, size of container, and type of sample preservation was dependent on the specific parameter for which the sample was to be analyzed. Parameter specific information is presented in the LUST Sample Guidelines located in Appendix E.

Field Sampling and Transportation Quality Control

All samples were collected in a manner as to maintain their quality and to eliminate any possible cross contamination. METCO did not deviate from any WDNR or laboratory recommended procedures for sample collection, preservation, or transportation on this project.

Equipment advanced into the subsurface was cleaned between sampling locations. Cleaning consisted of washing with a biodegradable Alconox solution and rinsing with potable water. Disposable equipment was not cleaned, but immediately disposed of after use.

All samples were constantly kept on ice in a cooler and hand delivered to the laboratory.

**Site Investigation Report – METCO
Mr. P's Tires (former)**

Laboratory Quality Control

See Appendix B for the results of any field blanks, trip blanks, temperature blanks, lab spikes, split samples, replicate spikes, and duplicates.

Investigative Waste

On December 12, 2017, DKS Transport Services, LLC, of Menomonie, Wisconsin picked-up and disposed of five drums of soil cuttings at the Advanced Disposal Seven Mile Creek Landfill in Eau Claire, Wisconsin.

Site Investigation Report – METCO
Mr. P's Tires (former)

APPENDIX B/ ANALYTICAL METHODS & LABORATORY DATA REPORTS

Synergy Environmental Lab,

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

MARK PACHEFSKY
 MARK PACHEFSKY
 4475 CLUB DRIVE
 SLINGER, WI 53086

Report Date 02-Mar-17

Project Name MR. P'S TIRES FMR
 Project #

Invoice # E32474

Lab Code 5032474A
 Sample ID G-1-1
 Sample Matrix Soil
 Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	96.4	%			1	5021		2/16/2017	NJC	1
Inorganic										
Metals										
Lead, Total	< 0.85	mg/Kg	0.85	2.9	5	6010B		2/28/2017	CWT	149
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		2/16/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/16/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/16/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/16/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		2/16/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/16/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/16/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/16/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/16/2017	TCC	1

Project #

Lab Code 5032474B
 Sample ID G-1-3
 Sample Matrix Soil
 Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.4	%			1	5021		2/16/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	1.1	mg/kg	0.019	0.06	1	GRO95/8021		2/16/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/16/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/16/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/16/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		2/16/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/16/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/16/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/16/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/16/2017	TCC	1

Lab Code 5032474C
 Sample ID G-1-4
 Sample Matrix Soil
 Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.0	%			1	5021		2/16/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	0.97	mg/kg	0.019	0.06	1	GRO95/8021		2/16/2017	TCC	1
Ethylbenzene	0.93	mg/kg	0.01	0.032	1	GRO95/8021		2/16/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/16/2017	TCC	1
Naphthalene	0.97	mg/kg	0.022	0.07	1	GRO95/8021		2/16/2017	TCC	2 70
Toluene	0.103	mg/kg	0.014	0.046	1	GRO95/8021		2/16/2017	TCC	1
1,2,4-Trimethylbenzene	2.73	mg/kg	0.01	0.032	1	GRO95/8021		2/16/2017	TCC	1
1,3,5-Trimethylbenzene	0.96	mg/kg	0.011	0.036	1	GRO95/8021		2/16/2017	TCC	1
m&p-Xylene	0.93	mg/kg	0.012	0.037	1	GRO95/8021		2/16/2017	TCC	1
o-Xylene	0.139	mg/kg	0.015	0.047	1	GRO95/8021		2/16/2017	TCC	1

Project #

Lab Code 5032474D
 Sample ID G-1-5
 Sample Matrix Soil
 Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.4	%			1	5021		2/16/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	0.034 "J"	mg/kg	0.019	0.06	1	GRO95/8021		2/16/2017	TCC	1
Ethylbenzene	0.246	mg/kg	0.01	0.032	1	GRO95/8021		2/16/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/16/2017	TCC	1
Naphthalene	0.143	mg/kg	0.022	0.07	1	GRO95/8021		2/16/2017	TCC	2 70
Toluene	0.41	mg/kg	0.014	0.046	1	GRO95/8021		2/16/2017	TCC	1
1,2,4-Trimethylbenzene	0.37	mg/kg	0.01	0.032	1	GRO95/8021		2/16/2017	TCC	1
1,3,5-Trimethylbenzene	0.118	mg/kg	0.011	0.036	1	GRO95/8021		2/16/2017	TCC	1
m&p-Xylene	0.73	mg/kg	0.012	0.037	1	GRO95/8021		2/16/2017	TCC	1
o-Xylene	0.39	mg/kg	0.015	0.047	1	GRO95/8021		2/16/2017	TCC	1

Lab Code 5032474E
 Sample ID G-2-1
 Sample Matrix Soil
 Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.0	%			1	5021		2/16/2017	NJC	1
Inorganic										
Metals										
Lead, Total	19.9	mg/Kg	0.17	0.58	1	6010B		2/28/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	57	mg/kg	3.8	12	200	GRO95/8021		2/18/2017	TCC	1
Ethylbenzene	510	mg/kg	2	6.4	200	GRO95/8021		2/18/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 5	mg/kg	1.58	5	200	GRO95/8021		2/18/2017	TCC	1
Naphthalene	95	mg/kg	4.4	14	200	GRO95/8021		2/18/2017	TCC	1
Toluene	680	mg/kg	2.8	9.2	200	GRO95/8021		2/18/2017	TCC	1
1,2,4-Trimethylbenzene	1150	mg/kg	2	6.4	200	GRO95/8021		2/18/2017	TCC	1
1,3,5-Trimethylbenzene	370	mg/kg	2.2	7.2	200	GRO95/8021		2/18/2017	TCC	1
m&p-Xylene	1640	mg/kg	2.4	7.4	200	GRO95/8021		2/18/2017	TCC	1
o-Xylene	680	mg/kg	3	9.4	200	GRO95/8021		2/18/2017	TCC	1

Project #

Lab Code 5032474F
 Sample ID G-2-2
 Sample Matrix Soil
 Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.2	%			1	5021		2/16/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	1.44	mg/kg	0.019	0.06	1	GRO95/8021		2/16/2017	TCC	1
Ethylbenzene	4.1	mg/kg	0.01	0.032	1	GRO95/8021		2/16/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/16/2017	TCC	1
Naphthalene	1.43	mg/kg	0.022	0.07	1	GRO95/8021		2/16/2017	TCC	2.70
Toluene	0.163	mg/kg	0.014	0.046	1	GRO95/8021		2/16/2017	TCC	1
1,2,4-Trimethylbenzene	1.0	mg/kg	0.01	0.032	1	GRO95/8021		2/16/2017	TCC	1
1,3,5-Trimethylbenzene	0.179	mg/kg	0.011	0.036	1	GRO95/8021		2/16/2017	TCC	1
m&p-Xylene	0.94	mg/kg	0.012	0.037	1	GRO95/8021		2/16/2017	TCC	1
o-Xylene	0.079	mg/kg	0.015	0.047	1	GRO95/8021		2/16/2017	TCC	1

Lab Code 5032474G
 Sample ID G-2-3
 Sample Matrix Soil
 Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.5	%			1	5021		2/16/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		2/17/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/17/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/17/2017	TCC	1
Toluene	0.0309 "J"	mg/kg	0.014	0.046	1	GRO95/8021		2/17/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/17/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/17/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/17/2017	TCC	1

Project #

Lab Code 5032474H
 Sample ID G-2-5
 Sample Matrix Soil
 Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.7	%			1	5021		2/16/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		2/17/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/17/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/17/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		2/17/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/17/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/17/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/17/2017	TCC	1

Lab Code 5032474I
 Sample ID G-3-1
 Sample Matrix Soil
 Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	89.3	%			1	5021		2/16/2017	NJC	1
Inorganic										
Metals										
Lead, Total	7.25	mg/Kg	0.34	1.16	2	6010B		2/28/2017	CWT	149
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		2/16/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/16/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/16/2017	TCC	1
Naphthalene	0.114	mg/kg	0.022	0.07	1	GRO95/8021		2/16/2017	TCC	2 70
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		2/16/2017	TCC	1
1,2,4-Trimethylbenzene	0.108	mg/kg	0.01	0.032	1	GRO95/8021		2/16/2017	TCC	1
1,3,5-Trimethylbenzene	0.058	mg/kg	0.011	0.036	1	GRO95/8021		2/16/2017	TCC	1
m&p-Xylene	0.056	mg/kg	0.012	0.037	1	GRO95/8021		2/16/2017	TCC	1
o-Xylene	0.040 "J"	mg/kg	0.015	0.047	1	GRO95/8021		2/16/2017	TCC	1

Project #

Lab Code 5032474J
 Sample ID G-3-4
 Sample Matrix Soil
 Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.8	%			1	5021		2/16/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		2/16/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/16/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/16/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/16/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		2/16/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/16/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/16/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/16/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/16/2017	TCC	1

Lab Code 5032474K
 Sample ID G-4-1
 Sample Matrix Soil
 Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.9	%			1	5021		2/16/2017	NJC	1
Inorganic										
Metals										
Lead, Total	13.8	mg/Kg	0.17	0.58	1	6010B		2/28/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		2/16/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/16/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/16/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/16/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		2/16/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/16/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/16/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/16/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/16/2017	TCC	1

Project #

Lab Code 5032474L
 Sample ID G-4-4
 Sample Matrix Soil
 Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.3	%			1	5021		2/16/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		2/16/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/16/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/16/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/16/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		2/16/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/16/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/16/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/16/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/16/2017	TCC	1

Lab Code 5032474M
 Sample ID G-5-1
 Sample Matrix Soil
 Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.1	%			1	5021		2/16/2017	NJC	1
Inorganic										
Metals										
Lead, Total	8.99	mg/Kg	0.34	1.16	2	6010B		2/28/2017	CWT	149
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		2/16/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/16/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/16/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/16/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		2/16/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/16/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/16/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/16/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/16/2017	TCC	1

Project #

Lab Code 5032474N
 Sample ID G-5-4
 Sample Matrix Soil
 Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.2	%			1	5021		2/16/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		2/17/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/17/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/17/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		2/17/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/17/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/17/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/17/2017	TCC	1

Lab Code 50324740
 Sample ID G-6-1
 Sample Matrix Soil
 Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.6	%			1	5021		2/16/2017	NJC	1
Inorganic										
Metals										
Lead, Total	17.1	mg/Kg	0.17	0.58	1	6010B		2/28/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		2/17/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/17/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/17/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		2/17/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/17/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/17/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/17/2017	TCC	1

Project #

Lab Code 5032474P

Sample ID G-6-4

Sample Matrix Soil

Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.6	%			1	5021		2/16/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		2/17/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/17/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/17/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		2/17/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/17/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/17/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/17/2017	TCC	1

Project

Lab Code 5032474Q

Sample ID G-7-3

Sample Matrix Soil

Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.8	%				I 5021		2/16/2017	NJC	I
Inorganic										
Metals										
Lead, Total	22.4	mg/Kg	0.17	0.58	I	6010B		2/28/2017	CWT	I
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.96	I	8260B		2/17/2017	CJR	I
Bromobenzene	< 0.025	mg/kg	0.025	0.081	I	8260B		2/17/2017	CJR	I
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	I	8260B		2/17/2017	CJR	I
Bromoform	< 0.029	mg/kg	0.029	0.092	I	8260B		2/17/2017	CJR	I
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	I	8260B		2/17/2017	CJR	I
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	I	8260B		2/17/2017	CJR	I
n-Butylbenzene	0.098 "J"	mg/kg	0.04	0.13	I	8260B		2/17/2017	CJR	I
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	I	8260B		2/17/2017	CJR	I
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	I	8260B		2/17/2017	CJR	I
Chloroethane	< 0.091	mg/kg	0.091	0.29	I	8260B		2/17/2017	CJR	I
Chloroform	< 0.035	mg/kg	0.035	0.11	I	8260B		2/17/2017	CJR	I
Chloromethane	< 0.076	mg/kg	0.076	0.24	I	8260B		2/17/2017	CJR	I
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	I	8260B		2/17/2017	CJR	I
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	I	8260B		2/17/2017	CJR	I
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	I	8260B		2/17/2017	CJR	I
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	I	8260B		2/17/2017	CJR	I
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	I	8260B		2/17/2017	CJR	I
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	I	8260B		2/17/2017	CJR	I
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	I	8260B		2/17/2017	CJR	I
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	I	8260B		2/17/2017	CJR	I
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	I	8260B		2/17/2017	CJR	I
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	I	8260B		2/17/2017	CJR	I
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	I	8260B		2/17/2017	CJR	I
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	I	8260B		2/17/2017	CJR	I
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	I	8260B		2/17/2017	CJR	I
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	I	8260B		2/17/2017	CJR	I
2,2-Dichloropropane	< 0.037	mg/kg	0.037	0.12	I	8260B		2/17/2017	CJR	I
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	I	8260B		2/17/2017	CJR	I
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	I	8260B		2/17/2017	CJR	I
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	I	8260B		2/17/2017	CJR	I
Ethylbenzene	0.103 "J"	mg/kg	0.035	0.11	I	8260B		2/17/2017	CJR	I
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	I	8260B		2/17/2017	CJR	I
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	I	8260B		2/17/2017	CJR	I
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	I	8260B		2/17/2017	CJR	I
Methylene chloride	< 0.15	mg/kg	0.15	0.46	I	8260B		2/17/2017	CJR	I
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	I	8260B		2/17/2017	CJR	I
Naphthalene	0.097 "J"	mg/kg	0.094	0.3	I	8260B		2/17/2017	CJR	I
n-Propylbenzene	0.116	mg/kg	0.033	0.1	I	8260B		2/17/2017	CJR	I
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	I	8260B		2/17/2017	CJR	I
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	I	8260B		2/17/2017	CJR	I
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	I	8260B		2/17/2017	CJR	I
Toluene	< 0.032	mg/kg	0.032	0.1	I	8260B		2/17/2017	CJR	I
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	I	8260B		2/17/2017	CJR	I

Project #

Lab Code 5032474Q
 Sample ID G-7-3
 Sample Matrix Soil
 Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		2/17/2017	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		2/17/2017	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		2/17/2017	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		2/17/2017	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		2/17/2017	CJR	1
1,2,4-Trimethylbenzene	1.23	mg/kg	0.025	0.08	1	8260B		2/17/2017	CJR	1
1,3,5-Trimethylbenzene	0.212	mg/kg	0.032	0.1	1	8260B		2/17/2017	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		2/17/2017	CJR	1
m&p-Xylene	0.31	mg/kg	0.072	0.23	1	8260B		2/17/2017	CJR	1
o-Xylene	0.065 "J"	mg/kg	0.044	0.14	1	8260B		2/17/2017	CJR	1
SUR - Dibromofluoromethane	93	Rec %				8260B		2/17/2017	CJR	1
SUR - Toluene-d8	104	Rec %				8260B		2/17/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	95	Rec %				8260B		2/17/2017	CJR	1
SUR - 4-Bromofluorobenzene	109	Rec %				8260B		2/17/2017	CJR	1

Lab Code 5032474R
 Sample ID G-7-4
 Sample Matrix Soil
 Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.8	%			1	5021		2/16/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		2/17/2017	TCC	1
Ethylbenzene	0.0308 "J"	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/17/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/17/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		2/17/2017	TCC	1
1,2,4-Trimethylbenzene	0.064	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/17/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/17/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/17/2017	TCC	1

Project #

Lab Code 5032474S
 Sample ID G-8-1
 Sample Matrix Soil
 Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.1	%			1	5021		2/16/2017	NJC	1
Inorganic										
Metals										
Lead, Total	19.9	mg/Kg	0.17	0.58	1	6010B		2/28/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		2/17/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/17/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/17/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		2/17/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/17/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/17/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/17/2017	TCC	1

Lab Code 5032474T
 Sample ID G-8-4
 Sample Matrix Soil
 Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.1	%			1	5021		2/16/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		2/18/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/18/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/18/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/18/2017	TCC	1
Toluene	0.045 "J"	mg/kg	0.014	0.046	1	GRO95/8021		2/18/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/18/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/18/2017	TCC	1
m&p-Xylene	0.058	mg/kg	0.012	0.037	1	GRO95/8021		2/18/2017	TCC	1
o-Xylene	0.0302 "J"	mg/kg	0.015	0.047	1	GRO95/8021		2/18/2017	TCC	1

Project #

Lab Code 5032474U
 Sample ID G-9-1
 Sample Matrix Soil
 Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	79.6	%			1	5021		2/16/2017	NJC	1
Inorganic										
Metals										
Lead, Total	44.8	mg/Kg	0.17	0.58	1	6010B		2/28/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	0.050 "J"	mg/kg	0.019	0.06	1	GRO95/8021		2/18/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/18/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/18/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/18/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		2/18/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/18/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/18/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/18/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/18/2017	TCC	1

Lab Code 5032474V
 Sample ID G-9-4
 Sample Matrix Soil
 Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.7	%			1	5021		2/16/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		2/17/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/17/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/17/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		2/17/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/17/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/17/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/17/2017	TCC	1

Project #

Lab Code 5032474W
 Sample ID G-10-1
 Sample Matrix Soil
 Sample Date 2/14/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.3	%			1	5021		2/16/2017	NJC	1
Inorganic										
Metals										
Lead, Total	10.9	mg/Kg	0.17	0.58	1	6010B		2/28/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	0.043 "J"	mg/kg	0.019	0.06	1	GRO95/8021		2/17/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/17/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/17/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		2/17/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/17/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/17/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/17/2017	TCC	1

Lab Code 5032474X
 Sample ID G-10-5
 Sample Matrix Soil
 Sample Date 2/14/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.8	%			1	5021		2/16/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		2/17/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/17/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/17/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		2/17/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/17/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/17/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/17/2017	TCC	1

Project #

Lab Code 5032474Y
 Sample ID G-11-1
 Sample Matrix Soil
 Sample Date 2/14/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.1	%			1	5021		2/16/2017	NJC	1
Inorganic										
Metals										
Lead, Total	11.9	mg/Kg	0.17	0.58	1	6010B		2/28/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		2/17/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/17/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/17/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		2/17/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/17/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/17/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/17/2017	TCC	1

Lab Code 5032474Z
 Sample ID G-11-5
 Sample Matrix Soil
 Sample Date 2/14/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.1	%			1	5021		2/16/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		2/17/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/17/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/17/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		2/17/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/17/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/17/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/17/2017	TCC	1

Project #

Lab Code 532474AA
 Sample ID G-12-1
 Sample Matrix Soil
 Sample Date 2/14/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	96.6	%			1	5021		2/16/2017	NJC	1
Inorganic										
Metals										
Lead, Total	< 0.85	mg/Kg	0.85	2.9	5	6010B		2/28/2017	CWT	149
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		2/17/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/17/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/17/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		2/17/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/17/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/17/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/17/2017	TCC	1

Lab Code 532474BB
 Sample ID G-12-2
 Sample Matrix Soil
 Sample Date 2/14/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.7	%			1	5021		2/16/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	1.67	mg/kg	0.019	0.06	1	GRO95/8021		2/17/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/17/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/17/2017	TCC	1
Toluene	0.062	mg/kg	0.014	0.046	1	GRO95/8021		2/17/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/17/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/17/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/17/2017	TCC	1

Project #

Lab Code 532474CC
 Sample ID G-12-4
 Sample Matrix Soil
 Sample Date 2/14/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.4	%			1	5021		2/16/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		2/17/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/17/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/17/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		2/17/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/17/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/17/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/17/2017	TCC	1

Lab Code 532474DD
 Sample ID G-13-1
 Sample Matrix Soil
 Sample Date 2/14/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	94.8	%			1	5021		2/16/2017	NJC	1
Inorganic										
Metals										
Lead, Total	< 0.85	mg/Kg	0.85	2.9	5	6010B		2/28/2017	CWT	149
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		2/17/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/17/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/17/2017	TCC	1
Toluene	0.026 "J"	mg/kg	0.014	0.046	1	GRO95/8021		2/17/2017	TCC	1
1,2,4-Trimethylbenzene	0.064	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
1,3,5-Trimethylbenzene	0.034 "J"	mg/kg	0.011	0.036	1	GRO95/8021		2/17/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/17/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/17/2017	TCC	1

Project #

Lab Code 532474EE
 Sample ID G-13-2
 Sample Matrix Soil
 Sample Date 2/14/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	91.5	%			1	5021		2/16/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	1.34	mg/kg	0.19	0.6	10	GRO95/8021		2/18/2017	TCC	1
Ethylbenzene	2.02	mg/kg	0.1	0.32	10	GRO95/8021		2/18/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.25	mg/kg	0.079	0.25	10	GRO95/8021		2/18/2017	TCC	1
Naphthalene	2.03	mg/kg	0.22	0.7	10	GRO95/8021		2/18/2017	TCC	1
Toluene	0.39 "J"	mg/kg	0.14	0.46	10	GRO95/8021		2/18/2017	TCC	1
1,2,4-Trimethylbenzene	4.5	mg/kg	0.1	0.32	10	GRO95/8021		2/18/2017	TCC	1
1,3,5-Trimethylbenzene	2.25	mg/kg	0.11	0.36	10	GRO95/8021		2/18/2017	TCC	1
m&p-Xylene	2.77	mg/kg	0.12	0.37	10	GRO95/8021		2/18/2017	TCC	1
o-Xylene	1.1	mg/kg	0.15	0.47	10	GRO95/8021		2/18/2017	TCC	1

Lab Code 532474FF
 Sample ID G-1-W
 Sample Matrix Water
 Sample Date 2/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	440	ug/l	1.35	4.35	5	GRO95/8021		2/22/2017	TCC	1
Ethylbenzene	246	ug/l	2.8	8.85	5	GRO95/8021		2/22/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 2.15	ug/l	2.15	6.8	5	GRO95/8021		2/22/2017	TCC	1
Naphthalene	195	ug/l	8.5	26.35	5	GRO95/8021		2/22/2017	TCC	1
Toluene	13.6	ug/l	1.65	5.3	5	GRO95/8021		2/22/2017	TCC	1
1,2,4-Trimethylbenzene	306	ug/l	2.8	8.9	5	GRO95/8021		2/22/2017	TCC	1
1,3,5-Trimethylbenzene	75	ug/l	2.9	9.2	5	GRO95/8021		2/22/2017	TCC	1
m&p-Xylene	162	ug/l	5.5	17.45	5	GRO95/8021		2/22/2017	TCC	1
o-Xylene	8.0 "J"	ug/l	3.05	9.6	5	GRO95/8021		2/22/2017	TCC	1

Lab Code 532474GG
 Sample ID G-3-W
 Sample Matrix Water
 Sample Date 2/14/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.27	ug/l	0.27	0.87	1	GRO95/8021		2/22/2017	TCC	1
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021		2/22/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		2/22/2017	TCC	1
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		2/22/2017	TCC	1
Toluene	< 0.33	ug/l	0.33	1.06	1	GRO95/8021		2/22/2017	TCC	1
1,2,4-Trimethylbenzene	0.61 "J"	ug/l	0.56	1.78	1	GRO95/8021		2/22/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		2/22/2017	TCC	1
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		2/22/2017	TCC	1
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		2/22/2017	TCC	1

Project #

Lab Code 532474HH
 Sample ID G-4-W
 Sample Matrix Water
 Sample Date 2/14/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	2.47	ug/l	0.27	0.87	1	GRO95/8021		2/22/2017	TCC	1
Ethylbenzene	1.27 "J"	ug/l	0.56	1.77	1	GRO95/8021		2/22/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		2/22/2017	TCC	1
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		2/22/2017	TCC	1
Toluene	5.3	ug/l	0.33	1.06	1	GRO95/8021		2/22/2017	TCC	1
1,2,4-Trimethylbenzene	2.33	ug/l	0.56	1.78	1	GRO95/8021		2/22/2017	TCC	1
1,3,5-Trimethylbenzene	0.76 "J"	ug/l	0.58	1.84	1	GRO95/8021		2/22/2017	TCC	1
m&p-Xylene	4.0	ug/l	1.1	3.49	1	GRO95/8021		2/22/2017	TCC	1
o-Xylene	2.36	ug/l	0.61	1.92	1	GRO95/8021		2/22/2017	TCC	1

Lab Code 532474II
 Sample ID G-5-W
 Sample Matrix Water
 Sample Date 2/14/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.27	ug/l	0.27	0.87	1	GRO95/8021		2/22/2017	TCC	1
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021		2/22/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		2/22/2017	TCC	1
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		2/22/2017	TCC	1
Toluene	< 0.33	ug/l	0.33	1.06	1	GRO95/8021		2/22/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.56	ug/l	0.56	1.78	1	GRO95/8021		2/22/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		2/22/2017	TCC	1
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		2/22/2017	TCC	1
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		2/22/2017	TCC	1

Lab Code 532474JJ
 Sample ID G-6-W
 Sample Matrix Water
 Sample Date 2/14/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	3.6	ug/l	0.27	0.87	1	GRO95/8021		2/22/2017	TCC	1
Ethylbenzene	3.03	ug/l	0.56	1.77	1	GRO95/8021		2/22/2017	TCC	1
Methyl tert-butyl ether (MTBE)	2.93	ug/l	0.43	1.36	1	GRO95/8021		2/22/2017	TCC	1
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		2/22/2017	TCC	1
Toluene	0.49 "J"	ug/l	0.33	1.06	1	GRO95/8021		2/22/2017	TCC	1
1,2,4-Trimethylbenzene	2.71	ug/l	0.56	1.78	1	GRO95/8021		2/22/2017	TCC	1
1,3,5-Trimethylbenzene	1.01 "J"	ug/l	0.58	1.84	1	GRO95/8021		2/22/2017	TCC	1
m&p-Xylene	4.5	ug/l	1.1	3.49	1	GRO95/8021		2/22/2017	TCC	1
o-Xylene	0.81 "J"	ug/l	0.61	1.92	1	GRO95/8021		2/22/2017	TCC	1

Project #

Lab Code 532474KK
 Sample ID G-2-W
 Sample Matrix Water
 Sample Date 2/14/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	190	ug/l	2.7	8.7	10	GRO95/8021		2/23/2017	TCC	1
Ethylbenzene	400	ug/l	5.6	17.7	10	GRO95/8021		2/23/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 4.3	ug/l	4.3	13.6	10	GRO95/8021		2/23/2017	TCC	1
Naphthalene	120	ug/l	17	52.7	10	GRO95/8021		2/23/2017	TCC	1
Toluene	1490	ug/l	3.3	10.6	10	GRO95/8021		2/23/2017	TCC	3
1,2,4-Trimethylbenzene	470	ug/l	5.6	17.8	10	GRO95/8021		2/23/2017	TCC	3
1,3,5-Trimethylbenzene	128	ug/l	5.8	18.4	10	GRO95/8021		2/23/2017	TCC	1
m&p-Xylene	1250	ug/l	11	34.9	10	GRO95/8021		2/23/2017	TCC	3
o-Xylene	660	ug/l	6.1	19.2	10	GRO95/8021		2/23/2017	TCC	3

Lab Code 532474LL
 Sample ID G-7-W
 Sample Matrix Water
 Sample Date 2/14/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	1730	ug/l	1.35	4.35	5	GRO95/8021		2/23/2017	TCC	1
Ethylbenzene	1840	ug/l	2.8	8.85	5	GRO95/8021		2/23/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 2.15	ug/l	2.15	6.8	5	GRO95/8021		2/23/2017	TCC	1
Naphthalene	224	ug/l	8.5	26.35	5	GRO95/8021		2/23/2017	TCC	1
Toluene	101	ug/l	1.65	5.3	5	GRO95/8021		2/23/2017	TCC	1
1,2,4-Trimethylbenzene	1420	ug/l	2.8	8.9	5	GRO95/8021		2/23/2017	TCC	1
1,3,5-Trimethylbenzene	420	ug/l	2.9	9.2	5	GRO95/8021		2/23/2017	TCC	1
m&p-Xylene	2640	ug/l	5.5	17.45	5	GRO95/8021		2/23/2017	TCC	1
o-Xylene	410	ug/l	3.05	9.6	5	GRO95/8021		2/23/2017	TCC	1

Lab Code 532474MM
 Sample ID G-9-W
 Sample Matrix Water
 Sample Date 2/14/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.27	ug/l	0.27	0.87	1	GRO95/8021		2/22/2017	TCC	1
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021		2/22/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		2/22/2017	TCC	1
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		2/22/2017	TCC	1
Toluene	< 0.33	ug/l	0.33	1.06	1	GRO95/8021		2/22/2017	TCC	1
1,2,4-Trimethylbenzene	1.14 "J"	ug/l	0.56	1.78	1	GRO95/8021		2/22/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		2/22/2017	TCC	1
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		2/22/2017	TCC	1
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		2/22/2017	TCC	1

Project #

Lab Code 532474NN
 Sample ID G-8-W
 Sample Matrix Water
 Sample Date 2/14/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.27	ug/l	0.27	0.87	1	GRO95/8021		2/22/2017	TCC	1
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021		2/22/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		2/22/2017	TCC	1
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		2/22/2017	TCC	1
Toluene	< 0.33	ug/l	0.33	1.06	1	GRO95/8021		2/22/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.56	ug/l	0.56	1.78	1	GRO95/8021		2/22/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		2/22/2017	TCC	1
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		2/22/2017	TCC	1
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		2/22/2017	TCC	1

Lab Code 532474OO
 Sample ID G-13-W
 Sample Matrix Water
 Sample Date 2/14/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	480	ug/l	2.7	8.7	10	GRO95/8021		2/23/2017	TCC	1
Ethylbenzene	650	ug/l	5.6	17.7	10	GRO95/8021		2/23/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 4.3	ug/l	4.3	13.6	10	GRO95/8021		2/23/2017	TCC	1
Naphthalene	228	ug/l	17	52.7	10	GRO95/8021		2/23/2017	TCC	1
Toluene	17	ug/l	3.3	10.6	10	GRO95/8021		2/23/2017	TCC	1
1,2,4-Trimethylbenzene	800	ug/l	5.6	17.8	10	GRO95/8021		2/23/2017	TCC	1
1,3,5-Trimethylbenzene	198	ug/l	5.8	18.4	10	GRO95/8021		2/23/2017	TCC	1
m&p-Xylene	560	ug/l	11	34.9	10	GRO95/8021		2/23/2017	TCC	1
o-Xylene	25.2	ug/l	6.1	19.2	10	GRO95/8021		2/23/2017	TCC	1

Lab Code 532474PP
 Sample ID TB
 Sample Matrix Water
 Sample Date 2/14/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.27	ug/l	0.27	0.87	1	GRO95/8021		2/22/2017	TCC	1
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021		2/22/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		2/22/2017	TCC	1
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		2/22/2017	TCC	1
Toluene	< 0.33	ug/l	0.33	1.06	1	GRO95/8021		2/22/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.56	ug/l	0.56	1.78	1	GRO95/8021		2/22/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		2/22/2017	TCC	1
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		2/22/2017	TCC	1
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		2/22/2017	TCC	1

Project #

Lab Code 532474QQ
 Sample ID MEOH BLANK
 Sample Matrix Soil
 Sample Date 2/14/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		2/17/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		2/17/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		2/17/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		2/17/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		2/17/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		2/17/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		2/17/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		2/17/2017	TCC	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code Comment

- 1 Laboratory QC within limits.
- 2 Relative percent difference failed for laboratory spiked samples.
- 3 The matrix spike not within established limits.
- 49 Sample diluted to compensate for matrix interference.
- 70 RPD failed due to instrument carryover. Sample results unaffected.

CWT denotes sub contract lab - Certification #445126660

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

Michael Ricker

Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Sample Handling Request

Rush Analysis Date Required _____
(Rushes accepted only with prior authorization)

Normal Turn Around

Lab ID # _____
Account No.: _____ Quote No.: _____
Project #: _____
Sampler: (signature) *Matthew C. Miller*

Project (Name / Location): *Mr. P's Tires (Former) / Milwaukee*
Reports To: *Mark Pachafsky* Invoice To: *Mark Pachafsky*
Company _____ Company *to METCO*
Address *4475 Club Drive* Address *709 Gillette St, Ste 3*
City State Zip *Slinger, WI 53086* City State Zip *LaCross, WI 54603*
Phone *(414)-336-6053* Phone *(608) 781-8879*
FAX _____ FAX _____

Analysis Requested		Other Analysis												
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	B-PCRA METALS	FID/ FID
		X						X						
								X						
								X						
								X						
								X						
								X						
								X						
								X						
								X						
								X						
								X						

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)	Preservation
<i>503NTHA</i>	<i>G-1-1</i>	<i>2/13</i>	<i>9:25</i>		<i>X</i>	<i>N</i>	<i>2</i>	<i>S</i>	<i>MeOH/None</i>
<i>B</i>	<i>G-1-3</i>		<i>9:55</i>		<i>X</i>		<i>1</i>		<i>MeOH</i>
<i>C</i>	<i>G-1-4</i>		<i>10:00</i>		<i>X</i>		<i>1</i>		
<i>D</i>	<i>G-1-5</i>		<i>10:30</i>		<i>X</i>		<i>1</i>		
<i>E</i>	<i>G-2-1</i>		<i>10:50</i>		<i>X</i>		<i>2</i>		<i>None</i>
<i>F</i>	<i>G-2-2</i>		<i>10:55</i>		<i>X</i>		<i>1</i>		
<i>G</i>	<i>G-2-3</i>		<i>11:00</i>		<i>X</i>		<i>1</i>		
<i>H</i>	<i>G-2-5</i>		<i>11:10</i>		<i>X</i>		<i>1</i>		
<i>I</i>	<i>G-3-1</i>		<i>11:25</i>		<i>X</i>		<i>2</i>		<i>None</i>
<i>J</i>	<i>G-3-4</i>		<i>11:45</i>		<i>X</i>		<i>1</i>		

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Lab to send copy of Report to METCO / Jason P. (Invoice to METCO)

- Agent Status

- UoL Rates Apply

Sample Integrity - To be completed by receiving lab.
Method of Shipment: *DM*
Temp. of Temp. Blank: _____ °C On Ice
Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) *Matthew C. Miller* Time *10:00am* Date *2/15/12*
Received By: (sign) _____ Time _____ Date _____
Received in Laboratory By: *Christopher P. ...* Time: *8:00* Date: *2/16/12*

CHAIN OF STUDY RECORD

Synergy

Chain # N^o 290

Page 2 of 5

Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Sample Handling Request

Rush Analysis Date Required _____
(Rushes accepted only with prior authorization)
 Normal Turn Around

Lab ID: # _____
Account No.: _____ Quote No.: _____
Project #: _____
Sampler: (signature) *Matthew C. Madell*

Project (Name / Location): *Mr. P's Tires (Former) / Milwaukee*
Reports To: *Mark Pochetsky* Invoice To: *Mark Pochetsky*
Company: _____ Company: *Clb METCO*
Address: _____ Address: _____
City State Zip: _____ City State Zip: _____
Phone: _____ Phone: _____
FAX: _____ FAX: _____

Analysis Requested		Other Analysis												
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-PCRA METALS	PID/ FID
		X					X							
								X						
		X						X						
								X						
		X						X						
								X						
		X						X			X			
								X						
		X						X						

Lab ID	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
<i>S032474K</i>	<i>G-4-1</i>	<i>2/13</i>	<i>12:05</i>		<i>X</i>	<i>N</i>	<i>2</i>	<i>S</i>	<i>MeOH/None</i>
	<i>G-4-4</i>		<i>12:25</i>		<i>X</i>		<i>1</i>		<i>MeOH</i>
<i>M</i>	<i>G-5-1</i>		<i>12:45</i>		<i>X</i>		<i>2</i>		<i>None</i>
<i>N</i>	<i>G-5-4</i>		<i>12:55</i>		<i>X</i>		<i>1</i>		
<i>O</i>	<i>G-6-1</i>		<i>1:35</i>		<i>X</i>		<i>2</i>		<i>None</i>
<i>P</i>	<i>G-6-4</i>		<i>1:45</i>		<i>X</i>		<i>1</i>		
<i>Q</i>	<i>G-7-3</i>		<i>2:20</i>		<i>X</i>		<i>2</i>		<i>None</i>
<i>R</i>	<i>G-7-4</i>		<i>2:30</i>		<i>X</i>		<i>1</i>		
<i>S</i>	<i>G-8-1</i>		<i>2:50</i>		<i>X</i>		<i>2</i>		<i>None</i>
<i>T</i>	<i>G-8-4</i>		<i>3:00</i>		<i>X</i>		<i>1</i>		

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Lab to send copy of Report to METCO/Jason P. (Invoice to METCO)
-Agent Status
-UAC Rates Apply

Sample Integrity - To be completed by receiving lab:
Method of Shipment: *Sea*
Temp. of Temp. Blank: _____ °C Or Ice:
Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) *Matthew C. Madell* Time Date: *10:00am 2/15/17*
Received By: (sign) _____ Time Date: _____
Received in Laboratory By: *Chunsheng / Pa* Time: *8:00* Date: *2/16/17*

CHAIN OF CUSTODY RECORD

Synergy

Environmental Lab, Inc.

Chain # No 290

Page 4 of 5

Lab I.D. : _____
 Account No. : _____ Quote No. : _____
 Project #: _____
 Sampler (signature) *Matthew C. Miska*

1990 Prospect Ct. • Appleton, WI 54914
 920-830-2455 • FAX 920-733-0631

Sample Handling Request
 Rush Analysis Date Required
 (Rushes accepted only with prior authorization)
 Normal Turn Around

Project (Name / Location): Mt. Pisgah (Farmer) / Milwaukee

Reports To: <u>Mark Pacholchy</u>		Invoice To: <u>Mark Pacholchy</u>		Analysis Requested										Other Analysis				
Company	<u>clp MBTCO</u>	Company	<u>clp MBTCO</u>	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-PCRA METALS	PID/ FID
Address		Address																
City State Zip	<u>See page 3</u>	City State Zip	<u>See page 3</u>															
Phone		Phone																
FAX		FAX																

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-PCRA METALS	PID/ FID
S52745E	G-13-2	2/14	11:00		X	N	1	S	Meth									X						
FE	G-1-W	2/13	10:20		X	N	3	GW	HCL									X						
GL	G-3-W	2/14	7:20															X						
HL	G-4-W		7:30															X						
IT	G-5-W		8:50															X						
IS	G-6-W		9:10															X						
KL	G-7-W		9:15															X						
LJ	G-7-W		9:20															X						
MW	G-9-W		9:25															X						
NN	G-8-W		9:20															X						

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

-Agent Status Lab to send copy of Report to Jason P/MBTCO (Invoice to MBTCO)

-Clac Rates Apply

Sample Integrity: To be completed by receiving lab

Method of Shipment: See

Temp. or Temp. Bank On Ice:

Cooler seal intact upon receipt: Yes No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
<i>Matthew C. Miska</i>	10:00 am	2/15/17			
Received in Laboratory By:				Time	Date
<i>Christine J. Ryan</i>				8:00	2/16/17

CHAIN OF CUSTODY RECORD

Synergy

Chain # No 290

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Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Sample Handling Request

Rush Analysis Date Required _____
(Rushes accepted only with prior authorization)

Normal Turn Around

Lab ID # _____
Account No.: _____ Quote No.: _____
Project #: _____
Sampler: (signature) *Matthew C. Mittle*

Project (Name / Location): *Ma. P's Tires (Former) / Milwaukee*
Reports To: *Mark Pacholshy* Invoice To: *Mark Pacholshy*
Company: _____ Company: *c/o MBTCO*
Address: _____ Address: _____
City State Zip: *See page 4* City State Zip: *See page 4*
Phone: _____ Phone: _____
FAX: _____ FAX: _____

Analysis Requested										Other Analysis									
DRO (Mod DRO Sep 95)	GPO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-PCRA METALS	PID/ FID					

Lab ID	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)	Preservation
53247400	G-13-w	2/14	11:20		<input checked="" type="checkbox"/>	N	3	GW	HCL
PP	IB						1		
Q/B	MeOH Blank						1		

Comments/Special Instructions ("Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)
Lab to send copy of report to MBTCO/Mark P. (Invoice to MBTCO)
- Agent Status
- Use Rates Apply

Sample Integrity - To be completed by receiving lab
Method of Shipment: *Same*
Temp. of Temp. Blank: _____ °C On Ice:
Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) *Matthew C. Mittle* Time: *10:00am* Date: *2/15/17*
Received By: _____ Time: _____ Date: _____
Received in Laboratory By: *Christina P...* Time: *8:00* Date: *2/16/17*

Synergy Environmental Lab,

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

MARK PACHEFSKY
MARK PACHEFSKY
4475 CLUB DRIVE
SLINGER, WI 53086

Report Date 02-Nov-17

Project Name MR P'S TIRE
Project #

Invoice # E33748

Lab Code 5033748A
Sample ID METH BLANK
Sample Matrix Soil
Sample Date 10/16/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/24/2017	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		10/24/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		10/24/2017	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/24/2017	CJR	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		10/24/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		10/24/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		10/24/2017	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		10/24/2017	CJR	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		10/24/2017	CJR	1

Project Name MR P'S TIRE
 Project #

Invoice # E33748

Lab Code 5033748B
 Sample ID MW-5-2
 Sample Matrix Soil
 Sample Date 10/16/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.1	%			1	5021		10/19/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/24/2017	CJR	1
Ethylbenzene	0.176	mg/kg	0.01	0.032	1	GRO95/8021		10/24/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		10/24/2017	CJR	1
Naphthalene	1.39	mg/kg	0.022	0.07	1	GRO95/8021		10/24/2017	CJR	1
Toluene	0.075	mg/kg	0.014	0.046	1	GRO95/8021		10/24/2017	CJR	1
1,2,4-Trimethylbenzene	0.117	mg/kg	0.01	0.032	1	GRO95/8021		10/24/2017	CJR	1
1,3,5-Trimethylbenzene	0.19	mg/kg	0.011	0.036	1	GRO95/8021		10/24/2017	CJR	1
m&p-Xylene	0.29	mg/kg	0.012	0.037	1	GRO95/8021		10/24/2017	CJR	1
o-Xylene	0.229	mg/kg	0.015	0.047	1	GRO95/8021		10/24/2017	CJR	1

Lab Code 5033748C
 Sample ID MW-4-2
 Sample Matrix Soil
 Sample Date 10/16/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	89.9	%			1	5021		10/19/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/26/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		10/26/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		10/26/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/26/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		10/26/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		10/26/2017	TCC	1
1,3,5-Trimethylbenzene	0.066	mg/kg	0.011	0.036	1	GRO95/8021		10/26/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		10/26/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		10/26/2017	TCC	1

Project #

Lab Code 5033748D
 Sample ID MW-3-2
 Sample Matrix Soil
 Sample Date 10/17/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.2	%				5021		10/19/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/24/2017	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		10/24/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		10/24/2017	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/24/2017	CJR	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		10/24/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		10/24/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		10/24/2017	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		10/24/2017	CJR	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		10/24/2017	CJR	1

Lab Code 5033748E
 Sample ID MW-2-2
 Sample Matrix Soil
 Sample Date 10/17/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.2	%				5021		10/19/2017	NJC	1
Organic										
GRO/PVOC + Naphthalene										
Gasoline Range Organics	440	mg/kg	5.35	17.05	5	GRO95/8021		10/25/2017	CJR	1
Benzene	< 0.125	mg/kg	0.095	0.3	5	GRO95/8021		10/25/2017	CJR	1
Ethylbenzene	6.5	mg/kg	0.05	0.16	5	GRO95/8021		10/25/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.125	mg/kg	0.0395	0.125	5	GRO95/8021		10/25/2017	CJR	1
Naphthalene	6.6	mg/kg	0.11	0.35	5	GRO95/8021		10/25/2017	CJR	1
Toluene	0.36	mg/kg	0.07	0.23	5	GRO95/8021		10/25/2017	CJR	1
1,2,4-Trimethylbenzene	12.7	mg/kg	0.05	0.16	5	GRO95/8021		10/25/2017	CJR	1
1,3,5-Trimethylbenzene	4.5	mg/kg	0.055	0.18	5	GRO95/8021		10/25/2017	CJR	1
m&p-Xylene	3.8	mg/kg	0.06	0.185	5	GRO95/8021		10/25/2017	CJR	1
o-Xylene	0.83	mg/kg	0.075	0.235	5	GRO95/8021		10/25/2017	CJR	1

Project #

Lab Code 5033748F
 Sample ID MW-2-5
 Sample Matrix Soil
 Sample Date 10/17/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.3	%			1	5021		10/19/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/24/2017	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		10/24/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		10/24/2017	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/24/2017	CJR	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		10/24/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		10/24/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		10/24/2017	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		10/24/2017	CJR	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		10/24/2017	CJR	1

Lab Code 5033748G
 Sample ID MW-1-1
 Sample Matrix Soil
 Sample Date 10/17/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.6	%			1	5021		10/19/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	0.20	mg/kg	0.019	0.06	1	GRO95/8021		10/24/2017	CJR	1
Ethylbenzene	0.056	mg/kg	0.01	0.032	1	GRO95/8021		10/24/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		10/24/2017	CJR	1
Naphthalene	0.056 "J"	mg/kg	0.022	0.07	1	GRO95/8021		10/24/2017	CJR	1
Toluene	0.043 "J"	mg/kg	0.014	0.046	1	GRO95/8021		10/24/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		10/24/2017	CJR	1
1,3,5-Trimethylbenzene	0.059	mg/kg	0.011	0.036	1	GRO95/8021		10/24/2017	CJR	1
m&p-Xylene	0.083	mg/kg	0.012	0.037	1	GRO95/8021		10/24/2017	CJR	1
o-Xylene	0.035 "J"	mg/kg	0.015	0.047	1	GRO95/8021		10/24/2017	CJR	1

Project Name MR P'S TIRE
 Project #

Invoice # E33748

Lab Code 5033748H
 Sample ID MW-1-2
 Sample Matrix Soil
 Sample Date 10/17/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code	
General											
General											
Solids Percent	86.3	%			1	5021		10/19/2017	NJC	1	
Inorganic											
Metals											
TCLP Lead	< 0.1	mg/l			0.1	1	6010B		10/30/2017	ESC	1
Organic											
GRO/PVOC + Naphthalene											
Gasoline Range Organics	66	mg/kg	1.07	3.41	1	GRO95/8021		10/24/2017	CJR	1	
Benzene	1.78	mg/kg	0.019	0.06	1	GRO95/8021		10/24/2017	CJR	1	
Ethylbenzene	6.4	mg/kg	0.01	0.032	1	GRO95/8021		10/24/2017	CJR	1	
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		10/24/2017	CJR	1	
Naphthalene	1.4	mg/kg	0.022	0.07	1	GRO95/8021		10/24/2017	CJR	1	
Toluene	0.258	mg/kg	0.014	0.046	1	GRO95/8021		10/24/2017	CJR	1	
1,2,4-Trimethylbenzene	0.88	mg/kg	0.01	0.032	1	GRO95/8021		10/24/2017	CJR	1	
1,3,5-Trimethylbenzene	0.39	mg/kg	0.011	0.036	1	GRO95/8021		10/24/2017	CJR	1	
m&p-Xylene	1.65	mg/kg	0.012	0.037	1	GRO95/8021		10/24/2017	CJR	1	
o-Xylene	0.122	mg/kg	0.015	0.047	1	GRO95/8021		10/24/2017	CJR	1	
TCLP											
TCLP Benzene	< 0.05	mg/l	0.05		1	8260B		10/30/2017	ESC	1	

Lab Code 5033748I
 Sample ID MW-1-4
 Sample Matrix Soil
 Sample Date 10/17/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.1	%			1	5021		10/19/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/26/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		10/26/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		10/26/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/26/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		10/26/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		10/26/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		10/26/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		10/26/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		10/26/2017	TCC	1

Project Name MR P'S TIRE
Project #

Invoice # E33748

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code *Comment*

1 Laboratory QC within limits.

ESC denotes sub contract lab - Certification #998093910

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

Michael Ricker

CHAIN OF STUDY RECORD

Synergy

Chain # No 337

Page 1 of 1

Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Sample Handling Request

Rush Analysis Date Required _____
(Rushes accepted only with prior authorization)

Normal Turn Around

Lab I.D. # _____
Account No. : _____ Quote No.: _____
Project #: _____
Sampler: (signature) *Eric Dahl*

Project (Name / Location): <i>Mr P's Tire</i>		Analysis Requested										Other Analysis							
Reports To: <i>Mark Pachetsky</i>	Invoice To: <i>Mark Pachetsky</i>	DRO (Mod DRO Sep 96)	GRO (Mod GRO Sep 96)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVC (EPA 8021)	PVC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 824-2)	VOC (EPA 8260)	8-RCRA METALS	<i>TCDF-Lead</i>	<i>TCDF-Benzene</i>	PID	FID
Company	Company																		
Address	Address																		
City State Zip	City State Zip																		
Phone	Phone																		
FAX	FAX																		

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 96)	GRO (Mod GRO Sep 96)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVC (EPA 8021)	PVC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 824-2)	VOC (EPA 8260)	8-RCRA METALS	<i>TCDF-Lead</i>	<i>TCDF-Benzene</i>	PID	FID
S053718	Meth Blank	5/16	10:00				1		<i>MEDIH</i>										<input checked="" type="checkbox"/>								
B	MW-5-2	↓	1:30		X		2	S											<input checked="" type="checkbox"/>								
C	MW-4-2	↓	4:15				2												<input checked="" type="checkbox"/>								
D	MW-3-2	5/17	10:00				2												<input checked="" type="checkbox"/>								
E	MW-2-2	↓	11:15				2			X									<input checked="" type="checkbox"/>								
F	MW-2-5	↓	11:50				2												<input checked="" type="checkbox"/>								
G	MW-1-1	↓	2:00				2												<input checked="" type="checkbox"/>								
H	MW-1-2	↓	2:10				6		<i>/MAG</i>	X									<input checked="" type="checkbox"/>					X	X		
I	MW-1-4	↓	2:20				2												<input checked="" type="checkbox"/>								

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

*Lab to send copy of report to METCO
W-C Rates
Agent Status*

Sample Integrity - To be completed by receiving lab: Method of Shipment: <i>CS</i> Temp. of Temp. Blank: _____ °C On Ice: <input checked="" type="checkbox"/> Cooler seal intact upon receipt: <input checked="" type="checkbox"/> Yes _____ No	Relinquished By: (sign) <i>[Signature]</i>	Time	Date	Received By: (sign)	Time	Date
		<i>8:15AM</i>	<i>10/18/17</i>			
	Received in Laboratory By: <i>[Signature]</i>	Time: <i>8:00</i>	Date: <i>10/19/17</i>			

Synergy Environmental Lab,

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

MARK PACHEFSKY
 MARK PACHEFSKY
 4475 CLUB DRIVE
 SLINGER, WI 53086

Report Date 15-Nov-17

Project Name MR P'S TIRES
 Project #

Invoice # E33823

Lab Code 5033823A
 Sample ID MW-6
 Sample Matrix Water
 Sample Date 10/30/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	< 0.03	mg/l	0.03	0.1	1	200.7		11/3/2017	CWT	1
Lead, Dissolved	< 0.9	ug/L	0.9	3	1	7421		11/3/2017	CWT	1
Manganese, Dissolved	11.8 "J"	ug/L	4.2	13.8	1	200.7		11/3/2017	CWT	1
Organic										
VOC's										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		11/1/2017	CJR	1
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B		11/1/2017	CJR	1
Bromodichloromethane	2.76	ug/l	0.31	1	1	8260B		11/1/2017	CJR	1
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B		11/1/2017	CJR	1
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B		11/1/2017	CJR	1
sec-Butylbenzene	< 0.24	ug/l	0.24	0.76	1	8260B		11/1/2017	CJR	1
n-Butylbenzene	< 0.34	ug/l	0.34	1.08	1	8260B		11/1/2017	CJR	1
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B		11/1/2017	CJR	1
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B		11/1/2017	CJR	1
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		11/1/2017	CJR	1
Chloroform	1.79 "J"	ug/l	0.96	3.04	1	8260B		11/1/2017	CJR	1
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B		11/1/2017	CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B		11/1/2017	CJR	1
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B		11/1/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B		11/1/2017	CJR	1
Dibromochloromethane	2.03	ug/l	0.45	1.44	1	8260B		11/1/2017	CJR	1
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B		11/1/2017	CJR	1
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B		11/1/2017	CJR	1
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B		11/1/2017	CJR	1
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B		11/1/2017	CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B		11/1/2017	CJR	1
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B		11/1/2017	CJR	1
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B		11/1/2017	CJR	1

Project

Lab Code 5033823A

Sample ID MW-6

Sample Matrix Water

Sample Date 10/30/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B		11/1/2017	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B		11/1/2017	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B		11/1/2017	CJR	1
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B		11/1/2017	CJR	1
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B		11/1/2017	CJR	1
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B		11/1/2017	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B		11/1/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		11/1/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		11/1/2017	CJR	1
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B		11/1/2017	CJR	1
Isopropylbenzene	< 0.29	ug/l	0.29	0.93	1	8260B		11/1/2017	CJR	1
p-Isopropyltoluene	< 0.28	ug/l	0.28	0.91	1	8260B		11/1/2017	CJR	1
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B		11/1/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		11/1/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		11/1/2017	CJR	1
n-Propylbenzene	< 0.19	ug/l	0.19	0.62	1	8260B		11/1/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B		11/1/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B		11/1/2017	CJR	1
Tetrachloroethene	< 0.48	ug/l	0.48	1.52	1	8260B		11/1/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		11/1/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B		11/1/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B		11/1/2017	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B		11/1/2017	CJR	1
1,1,2-Trichloroethane	< 0.65	ug/l	0.65	2.06	1	8260B		11/1/2017	CJR	1
Trichloroethene (TCE)	< 0.45	ug/l	0.45	1.43	1	8260B		11/1/2017	CJR	1
Trichlorofluoromethane	< 0.64	ug/l	0.64	2.04	1	8260B		11/1/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		11/1/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B		11/1/2017	CJR	1
Vinyl Chloride	< 0.19	ug/l	0.19	0.62	1	8260B		11/1/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B		11/1/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B		11/1/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %				8260B		11/1/2017	CJR	1
SUR - 4-Bromofluorobenzene	97	REC %				8260B		11/1/2017	CJR	1
SUR - Dibromofluoromethane	101	REC %				8260B		11/1/2017	CJR	1
SUR - Toluene-d8	100	REC %				8260B		11/1/2017	CJR	1

Wet Chemistry

General

Nitrite Plus Nitrate, Dissolved	0.19 "J"	mg/l	0.17	0.53	1	353.2		11/2/2017	NJC	1
Sulfate, Filtered	27.0	mg/l	1.55	4.93	1	ASTM D516-		11/3/2017	NJC	1

Project

Lab Code 5033823B

Sample ID MW-3

Sample Matrix Water

Sample Date 10/30/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	0.03 "J"	mg/l	0.03	0.1	1	200.7		11/3/2017	CWT	1
Lead, Dissolved	< 0.9	ug/L	0.9	3	1	7421		11/3/2017	CWT	1
Manganese, Dissolved	2490	ug/L	4.2	13.8	1	200.7		11/3/2017	CWT	1
Organic										
VOC's										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		11/1/2017	CJR	1
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B		11/1/2017	CJR	1
Bromodichloromethane	< 0.31	ug/l	0.31	1	1	8260B		11/1/2017	CJR	1
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B		11/1/2017	CJR	1
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B		11/1/2017	CJR	1
sec-Butylbenzene	< 0.24	ug/l	0.24	0.76	1	8260B		11/1/2017	CJR	1
n-Butylbenzene	< 0.34	ug/l	0.34	1.08	1	8260B		11/1/2017	CJR	1
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B		11/1/2017	CJR	1
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B		11/1/2017	CJR	1
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		11/1/2017	CJR	1
Chloroform	< 0.96	ug/l	0.96	3.04	1	8260B		11/1/2017	CJR	1
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B		11/1/2017	CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B		11/1/2017	CJR	1
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B		11/1/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B		11/1/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.44	1	8260B		11/1/2017	CJR	1
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B		11/1/2017	CJR	1
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B		11/1/2017	CJR	1
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B		11/1/2017	CJR	1
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B		11/1/2017	CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B		11/1/2017	CJR	1
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B		11/1/2017	CJR	1
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B		11/1/2017	CJR	1
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B		11/1/2017	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B		11/1/2017	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B		11/1/2017	CJR	1
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B		11/1/2017	CJR	1
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B		11/1/2017	CJR	1
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B		11/1/2017	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B		11/1/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		11/1/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		11/1/2017	CJR	1
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B		11/1/2017	CJR	1
Isopropylbenzene	< 0.29	ug/l	0.29	0.93	1	8260B		11/1/2017	CJR	1
p-Isopropyltoluene	< 0.28	ug/l	0.28	0.91	1	8260B		11/1/2017	CJR	1
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B		11/1/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		11/1/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		11/1/2017	CJR	1
n-Propylbenzene	< 0.19	ug/l	0.19	0.62	1	8260B		11/1/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B		11/1/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B		11/1/2017	CJR	1
Tetrachloroethene	< 0.48	ug/l	0.48	1.52	1	8260B		11/1/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		11/1/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B		11/1/2017	CJR	1

Project

Lab Code 5033823B
 Sample ID MW-3
 Sample Matrix Water
 Sample Date 10/30/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B		11/1/2017	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B		11/1/2017	CJR	1
1,1,2-Trichloroethane	< 0.65	ug/l	0.65	2.06	1	8260B		11/1/2017	CJR	1
Trichloroethene (TCE)	< 0.45	ug/l	0.45	1.43	1	8260B		11/1/2017	CJR	1
Trichlorofluoromethane	< 0.64	ug/l	0.64	2.04	1	8260B		11/1/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		11/1/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B		11/1/2017	CJR	1
Vinyl Chloride	< 0.19	ug/l	0.19	0.62	1	8260B		11/1/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B		11/1/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B		11/1/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %				1 8260B		11/1/2017	CJR	1
SUR - 4-Bromofluorobenzene	98	REC %				1 8260B		11/1/2017	CJR	1
SUR - Dibromofluoromethane	99	REC %				1 8260B		11/1/2017	CJR	1
SUR - Toluene-d8	101	REC %				1 8260B		11/1/2017	CJR	1
Wet Chemistry										
General										
Nitrite Plus Nitrate, Dissolved	0.37 "J"	mg/l	0.17	0.53	1	353.2		11/2/2017	NJC	1
Sulfate, Filtered	169	mg/l	7.75	24.65	5	ASTM D516-		11/3/2017	NJC	1

Project #

Lab Code 5033823C

Sample ID MW-4

Sample Matrix Water

Sample Date 10/30/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	< 0.03	mg/l	0.03	0.1	1	200.7		11/3/2017	CWT	1
Lead, Dissolved	< 0.9	ug/L	0.9	3	1	7421		11/3/2017	CWT	1
Manganese, Dissolved	1100	ug/L	4.2	13.8	1	200.7		11/3/2017	CWT	1
Organic										
VOC's										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		11/1/2017	CJR	1
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B		11/1/2017	CJR	1
Bromodichloromethane	< 0.31	ug/l	0.31	1	1	8260B		11/1/2017	CJR	1
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B		11/1/2017	CJR	1
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B		11/1/2017	CJR	1
sec-Butylbenzene	0.35 "J"	ug/l	0.24	0.76	1	8260B		11/1/2017	CJR	1
n-Butylbenzene	< 0.34	ug/l	0.34	1.08	1	8260B		11/1/2017	CJR	1
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B		11/1/2017	CJR	1
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B		11/1/2017	CJR	1
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		11/1/2017	CJR	1
Chloroform	< 0.96	ug/l	0.96	3.04	1	8260B		11/1/2017	CJR	1
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B		11/1/2017	CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B		11/1/2017	CJR	1
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B		11/1/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B		11/1/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.44	1	8260B		11/1/2017	CJR	1
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B		11/1/2017	CJR	1
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B		11/1/2017	CJR	1
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B		11/1/2017	CJR	1
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B		11/1/2017	CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B		11/1/2017	CJR	1
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B		11/1/2017	CJR	1
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B		11/1/2017	CJR	1
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B		11/1/2017	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B		11/1/2017	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B		11/1/2017	CJR	1
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B		11/1/2017	CJR	1
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B		11/1/2017	CJR	1
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B		11/1/2017	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B		11/1/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		11/1/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		11/1/2017	CJR	1
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B		11/1/2017	CJR	1
Isopropylbenzene	< 0.29	ug/l	0.29	0.93	1	8260B		11/1/2017	CJR	1
p-Isopropyltoluene	< 0.28	ug/l	0.28	0.91	1	8260B		11/1/2017	CJR	1
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B		11/1/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		11/1/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		11/1/2017	CJR	1
n-Propylbenzene	< 0.19	ug/l	0.19	0.62	1	8260B		11/1/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B		11/1/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B		11/1/2017	CJR	1
Tetrachloroethene	< 0.48	ug/l	0.48	1.52	1	8260B		11/1/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		11/1/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B		11/1/2017	CJR	1

Project #

Lab Code 5033823C

Sample ID MW-4

Sample Matrix Water

Sample Date 10/30/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B		11/1/2017	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B		11/1/2017	CJR	1
1,1,2-Trichloroethane	< 0.65	ug/l	0.65	2.06	1	8260B		11/1/2017	CJR	1
Trichloroethene (TCE)	< 0.45	ug/l	0.45	1.43	1	8260B		11/1/2017	CJR	1
Trichlorofluoromethane	< 0.64	ug/l	0.64	2.04	1	8260B		11/1/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		11/1/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B		11/1/2017	CJR	1
Vinyl Chloride	< 0.19	ug/l	0.19	0.62	1	8260B		11/1/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B		11/1/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B		11/1/2017	CJR	1
SUR - Toluene-d8	100	REC %				8260B		11/1/2017	CJR	1
SUR - Dibromofluoromethane	100	REC %				8260B		11/1/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %				8260B		11/1/2017	CJR	1
SUR - 4-Bromofluorobenzene	97	REC %				8260B		11/1/2017	CJR	1
Wet Chemistry										
General										
Nitrite Plus Nitrate, Dissolved	< 0.17	mg/l	0.17	0.53	1	353.2		11/2/2017	NJC	1
Sulfate, Filtered	32.7	mg/l	1.55	4.93	1	ASTM D516-		11/3/2017	NJC	1

Project

Lab Code 5033823D

Sample ID MW-5

Sample Matrix Water

Sample Date 10/30/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	< 0.03	mg/l	0.03	0.1	1	200.7		11/3/2017	CWT	1
Lead, Dissolved	2.7 "J"	ug/L	0.9	3	1	7421		11/3/2017	CWT	1
Manganese, Dissolved	685	ug/L	4.2	13.8	1	200.7		11/3/2017	CWT	1
Organic										
VOC's										
Benzene	34	ug/l	0.17	0.55	1	8260B		11/1/2017	CJR	1
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B		11/1/2017	CJR	1
Bromodichloromethane	< 0.31	ug/l	0.31	1	1	8260B		11/1/2017	CJR	1
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B		11/1/2017	CJR	1
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B		11/1/2017	CJR	1
sec-Butylbenzene	15.2	ug/l	0.24	0.76	1	8260B		11/1/2017	CJR	1
n-Butylbenzene	29.2	ug/l	0.34	1.08	1	8260B		11/1/2017	CJR	1
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B		11/1/2017	CJR	1
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B		11/1/2017	CJR	1
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		11/1/2017	CJR	1
Chloroform	< 0.96	ug/l	0.96	3.04	1	8260B		11/1/2017	CJR	1
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B		11/1/2017	CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B		11/1/2017	CJR	1
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B		11/1/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B		11/1/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.44	1	8260B		11/1/2017	CJR	1
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B		11/1/2017	CJR	1
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B		11/1/2017	CJR	1
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B		11/1/2017	CJR	1
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B		11/1/2017	CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B		11/1/2017	CJR	1
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B		11/1/2017	CJR	1
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B		11/1/2017	CJR	1
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B		11/1/2017	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B		11/1/2017	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B		11/1/2017	CJR	1
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B		11/1/2017	CJR	1
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B		11/1/2017	CJR	1
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B		11/1/2017	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B		11/1/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		11/1/2017	CJR	1
Ethylbenzene	46	ug/l	0.2	0.63	1	8260B		11/1/2017	CJR	1
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B		11/1/2017	CJR	1
Isopropylbenzene	54	ug/l	0.29	0.93	1	8260B		11/1/2017	CJR	1
p-Isopropyltoluene	< 0.28	ug/l	0.28	0.91	1	8260B		11/1/2017	CJR	1
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B		11/1/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		11/1/2017	CJR	1
Naphthalene	59	ug/l	2.17	6.9	1	8260B		11/1/2017	CJR	1
n-Propylbenzene	134	ug/l	0.19	0.62	1	8260B		11/1/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B		11/1/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B		11/1/2017	CJR	1
Tetrachloroethene	< 0.48	ug/l	0.48	1.52	1	8260B		11/1/2017	CJR	1
Toluene	2.27	ug/l	0.67	2.13	1	8260B		11/1/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B		11/1/2017	CJR	1

Project #

Lab Code 5033823D
 Sample ID MW-5
 Sample Matrix Water
 Sample Date 10/30/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B		11/1/2017	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B		11/1/2017	CJR	1
1,1,2-Trichloroethane	< 0.65	ug/l	0.65	2.06	1	8260B		11/1/2017	CJR	1
Trichloroethene (TCE)	< 0.45	ug/l	0.45	1.43	1	8260B		11/1/2017	CJR	1
Trichlorofluoromethane	< 0.64	ug/l	0.64	2.04	1	8260B		11/1/2017	CJR	1
1,2,4-Trimethylbenzene	20.9	ug/l	1.14	3.63	1	8260B		11/1/2017	CJR	1
1,3,5-Trimethylbenzene	10.6	ug/l	0.91	2.9	1	8260B		11/1/2017	CJR	1
Vinyl Chloride	< 0.19	ug/l	0.19	0.62	1	8260B		11/1/2017	CJR	1
m&p-Xylene	12.7	ug/l	1.56	4.95	1	8260B		11/1/2017	CJR	1
o-Xylene	1.15 "J"	ug/l	0.39	1.25	1	8260B		11/1/2017	CJR	1
SUR - 4-Bromofluorobenzene	101	REC %			1	8260B		11/1/2017	CJR	1
SUR - Dibromofluoromethane	98	REC %			1	8260B		11/1/2017	CJR	1
SUR - Toluene-d8	102	REC %			1	8260B		11/1/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	103	REC %			1	8260B		11/1/2017	CJR	1

Wet Chemistry

General

Nitrite Plus Nitrate, Dissolved	< 0.17	mg/l	0.17	0.53	1	353.2		11/2/2017	NJC	1
Sulfate, Filtered	9.38	mg/l	1.55	4.93	1	ASTM D516-		11/3/2017	NJC	1

Lab Code 5033823E
 Sample ID G-12-W
 Sample Matrix Water
 Sample Date 10/30/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	242	ug/l	1.35	4.35	5	GRO95/8021		11/2/2017	TCC	1
Ethylbenzene	91	ug/l	2.8	8.85	5	GRO95/8021		11/2/2017	TCC	1
Methyl tert-butyl ether (MTBE)	6.5 "J"	ug/l	2.15	6.8	5	GRO95/8021		11/2/2017	TCC	1
Naphthalene	54	ug/l	8.5	26.35	5	GRO95/8021		11/2/2017	TCC	1
Toluene	9.5	ug/l	1.65	5.3	5	GRO95/8021		11/2/2017	TCC	1
1,2,4-Trimethylbenzene	< 2.8	ug/l	2.8	8.9	5	GRO95/8021		11/2/2017	TCC	1
1,3,5-Trimethylbenzene	2.92 "J"	ug/l	2.9	9.2	5	GRO95/8021		11/2/2017	TCC	1
m&p-Xylene	16.2 "J"	ug/l	5.5	17.45	5	GRO95/8021		11/2/2017	TCC	1
o-Xylene	< 3.05	ug/l	3.05	9.6	5	GRO95/8021		11/2/2017	TCC	1

Project

Lab Code 5033823F
 Sample ID G-11-W
 Sample Matrix Water
 Sample Date 10/30/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	0.36 "J"	ug/l	0.27	0.87	1	GRO95/8021		11/2/2017	TCC	1
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021		11/2/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		11/2/2017	TCC	1
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		11/2/2017	TCC	1
Toluene	0.40 "J"	ug/l	0.33	1.06	1	GRO95/8021		11/2/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.56	ug/l	0.56	1.78	1	GRO95/8021		11/2/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		11/2/2017	TCC	1
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		11/2/2017	TCC	1
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		11/2/2017	TCC	1

Lab Code 5033823G
 Sample ID G-10-W
 Sample Matrix Water
 Sample Date 10/30/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	0.306 "J"	ug/l	0.27	0.87	1	GRO95/8021		11/2/2017	TCC	1
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021		11/2/2017	TCC	1
Methyl tert-butyl ether (MTBE)	2.67	ug/l	0.43	1.36	1	GRO95/8021		11/2/2017	TCC	1
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		11/2/2017	TCC	1
Toluene	0.46 "J"	ug/l	0.33	1.06	1	GRO95/8021		11/2/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.56	ug/l	0.56	1.78	1	GRO95/8021		11/2/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		11/2/2017	TCC	1
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		11/2/2017	TCC	1
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		11/2/2017	TCC	1

Project

Lab Code 5033823H

Sample ID MW-2

Sample Matrix Water

Sample Date 10/30/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	0.24	mg/l	0.03	0.1	1	200.7		11/3/2017	CWT	1
Lead, Dissolved	< 0.9	ug/L	0.9	3	1	7421		11/3/2017	CWT	1
Manganese, Dissolved	1800	ug/L	4.2	13.8	1	200.7		11/3/2017	CWT	1
Organic										
VOC's										
Benzene	540	ug/l	1.7	5.5	10	8260B		11/2/2017	CJR	1
Bromobenzene	< 4.3	ug/l	4.3	13.7	10	8260B		11/2/2017	CJR	1
Bromodichloromethane	< 3.1	ug/l	3.1	10	10	8260B		11/2/2017	CJR	1
Bromoform	< 4.9	ug/l	4.9	15.6	10	8260B		11/2/2017	CJR	1
tert-Butylbenzene	< 3.9	ug/l	3.9	12.3	10	8260B		11/2/2017	CJR	1
sec-Butylbenzene	13.6	ug/l	2.4	7.6	10	8260B		11/2/2017	CJR	1
n-Butylbenzene	26.7	ug/l	3.4	10.8	10	8260B		11/2/2017	CJR	1
Carbon Tetrachloride	< 2.1	ug/l	2.1	6.8	10	8260B		11/2/2017	CJR	1
Chlorobenzene	< 2.7	ug/l	2.7	8.6	10	8260B		11/2/2017	CJR	1
Chloroethane	< 5	ug/l	5	16	10	8260B		11/2/2017	CJR	1
Chloroform	< 9.6	ug/l	9.6	30.4	10	8260B		11/2/2017	CJR	1
Chloromethane	< 13	ug/l	13	41.5	10	8260B		11/2/2017	CJR	1
2-Chlorotoluene	< 3.6	ug/l	3.6	11.5	10	8260B		11/2/2017	CJR	1
4-Chlorotoluene	< 3.5	ug/l	3.5	11.1	10	8260B		11/2/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 18.8	ug/l	18.8	59.8	10	8260B		11/2/2017	CJR	1
Dibromochloromethane	< 4.5	ug/l	4.5	14.4	10	8260B		11/2/2017	CJR	1
1,4-Dichlorobenzene	< 4.2	ug/l	4.2	13.4	10	8260B		11/2/2017	CJR	1
1,3-Dichlorobenzene	< 4.5	ug/l	4.5	14.3	10	8260B		11/2/2017	CJR	1
1,2-Dichlorobenzene	< 3.4	ug/l	3.4	10.9	10	8260B		11/2/2017	CJR	1
Dichlorodifluoromethane	< 3.8	ug/l	3.8	12	10	8260B		11/2/2017	CJR	1
1,2-Dichloroethane	< 4.5	ug/l	4.5	14.3	10	8260B		11/2/2017	CJR	1
1,1-Dichloroethane	< 4.2	ug/l	4.2	13.4	10	8260B		11/2/2017	CJR	1
1,1-Dichloroethene	< 4.6	ug/l	4.6	14.7	10	8260B		11/2/2017	CJR	1
cis-1,2-Dichloroethene	< 4.1	ug/l	4.1	12.9	10	8260B		11/2/2017	CJR	1
trans-1,2-Dichloroethene	< 3.5	ug/l	3.5	11.2	10	8260B		11/2/2017	CJR	1
1,2-Dichloropropane	< 3.9	ug/l	3.9	12.4	10	8260B		11/2/2017	CJR	1
1,3-Dichloropropane	< 4.9	ug/l	4.9	15.5	10	8260B		11/2/2017	CJR	1
trans-1,3-Dichloropropene	< 4.2	ug/l	4.2	13.3	10	8260B		11/2/2017	CJR	1
cis-1,3-Dichloropropene	< 2.1	ug/l	2.1	6.5	10	8260B		11/2/2017	CJR	1
Di-isopropyl ether	< 2.6	ug/l	2.6	8.3	10	8260B		11/2/2017	CJR	1
EDB (1,2-Dibromoethane)	< 3.4	ug/l	3.4	10.9	10	8260B		11/2/2017	CJR	1
Ethylbenzene	110	ug/l	2	6.3	10	8260B		11/2/2017	CJR	1
Hexachlorobutadiene	< 14.7	ug/l	14.7	46.8	10	8260B		11/2/2017	CJR	1
Isopropylbenzene	88	ug/l	2.9	9.3	10	8260B		11/2/2017	CJR	1
p-Isopropyltoluene	< 2.8	ug/l	2.8	9.1	10	8260B		11/2/2017	CJR	1
Methylene chloride	< 9.4	ug/l	9.4	29.8	10	8260B		11/2/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 8.2	ug/l	8.2	26	10	8260B		11/2/2017	CJR	1
Naphthalene	119	ug/l	21.7	69	10	8260B		11/2/2017	CJR	1
n-Propylbenzene	235	ug/l	1.9	6.2	10	8260B		11/2/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 6.9	ug/l	6.9	22.1	10	8260B		11/2/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 4.7	ug/l	4.7	14.8	10	8260B		11/2/2017	CJR	1
Tetrachloroethene	< 4.8	ug/l	4.8	15.2	10	8260B		11/2/2017	CJR	1
Toluene	7.6 "J"	ug/l	6.7	21.3	10	8260B		11/2/2017	CJR	1
1,2,4-Trichlorobenzene	< 12.9	ug/l	12.9	41	10	8260B		11/2/2017	CJR	1

Project

Lab Code 5033823H
 Sample ID MW-2
 Sample Matrix Water
 Sample Date 10/30/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 8.3	ug/l	8.3	26.3	10	8260B		11/2/2017	CJR	1
1,1,1-Trichloroethane	< 3.5	ug/l	3.5	11.1	10	8260B		11/2/2017	CJR	1
1,1,2-Trichloroethane	< 6.5	ug/l	6.5	20.6	10	8260B		11/2/2017	CJR	1
Trichloroethene (TCE)	< 4.5	ug/l	4.5	14.3	10	8260B		11/2/2017	CJR	1
Trichlorofluoromethane	< 6.4	ug/l	6.4	20.4	10	8260B		11/2/2017	CJR	1
1,2,4-Trimethylbenzene	57	ug/l	11.4	36.3	10	8260B		11/2/2017	CJR	1
1,3,5-Trimethylbenzene	14.7 "J"	ug/l	9.1	29	10	8260B		11/2/2017	CJR	1
Vinyl Chloride	< 1.9	ug/l	1.9	6.2	10	8260B		11/2/2017	CJR	1
m&p-Xylene	53	ug/l	15.6	49.5	10	8260B		11/2/2017	CJR	1
o-Xylene	4.3 "J"	ug/l	3.9	12.5	10	8260B		11/2/2017	CJR	1
SUR - 4-Bromofluorobenzene	98	REC %			10	8260B		11/2/2017	CJR	1
SUR - Dibromofluoromethane	101	REC %			10	8260B		11/2/2017	CJR	1
SUR - Toluene-d8	100	REC %			10	8260B		11/2/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %			10	8260B		11/2/2017	CJR	1
Wet Chemistry										
General										
Nitrite Plus Nitrate, Dissolved	< 0.17	mg/l	0.17	0.53	1	353.2		11/2/2017	NJC	1
Sulfate, Filtered	9.84	mg/l	1.55	4.93	1	ASTM D516-		11/3/2017	NJC	1

Project

Lab Code 5033823I
 Sample ID MW-1
 Sample Matrix Water
 Sample Date 10/30/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	0.07 "J"	mg/l	0.03	0.1	1	200.7		11/3/2017	CWT	1
Lead, Dissolved	< 0.9	ug/L	0.9	3	1	7421		11/3/2017	CWT	1
Manganese, Dissolved	3610	ug/L	4.2	13.8	1	200.7		11/3/2017	CWT	1
Organic										
VOC's										
Benzene	410	ug/l	1.7	5.5	10	8260B		11/2/2017	CJR	1
Bromobenzene	< 4.3	ug/l	4.3	13.7	10	8260B		11/2/2017	CJR	1
Bromodichloromethane	< 3.1	ug/l	3.1	10	10	8260B		11/2/2017	CJR	1
Bromoform	< 4.9	ug/l	4.9	15.6	10	8260B		11/2/2017	CJR	1
tert-Butylbenzene	< 3.9	ug/l	3.9	12.3	10	8260B		11/2/2017	CJR	1
sec-Butylbenzene	< 2.4	ug/l	2.4	7.6	10	8260B		11/2/2017	CJR	1
n-Butylbenzene	4.6 "J"	ug/l	3.4	10.8	10	8260B		11/2/2017	CJR	1
Carbon Tetrachloride	< 2.1	ug/l	2.1	6.8	10	8260B		11/2/2017	CJR	1
Chlorobenzene	< 2.7	ug/l	2.7	8.6	10	8260B		11/2/2017	CJR	1
Chloroethane	< 5	ug/l	5	16	10	8260B		11/2/2017	CJR	1
Chloroform	< 9.6	ug/l	9.6	30.4	10	8260B		11/2/2017	CJR	1
Chloromethane	< 13	ug/l	13	41.5	10	8260B		11/2/2017	CJR	1
2-Chlorotoluene	< 3.6	ug/l	3.6	11.5	10	8260B		11/2/2017	CJR	1
4-Chlorotoluene	< 3.5	ug/l	3.5	11.1	10	8260B		11/2/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 18.8	ug/l	18.8	59.8	10	8260B		11/2/2017	CJR	1
Dibromochloromethane	< 4.5	ug/l	4.5	14.4	10	8260B		11/2/2017	CJR	1
1,4-Dichlorobenzene	< 4.2	ug/l	4.2	13.4	10	8260B		11/2/2017	CJR	1
1,3-Dichlorobenzene	< 4.5	ug/l	4.5	14.3	10	8260B		11/2/2017	CJR	1
1,2-Dichlorobenzene	< 3.4	ug/l	3.4	10.9	10	8260B		11/2/2017	CJR	1
Dichlorodifluoromethane	< 3.8	ug/l	3.8	12	10	8260B		11/2/2017	CJR	1
1,2-Dichloroethane	< 4.5	ug/l	4.5	14.3	10	8260B		11/2/2017	CJR	1
1,1-Dichloroethane	< 4.2	ug/l	4.2	13.4	10	8260B		11/2/2017	CJR	1
1,1-Dichloroethene	< 4.6	ug/l	4.6	14.7	10	8260B		11/2/2017	CJR	1
cis-1,2-Dichloroethene	< 4.1	ug/l	4.1	12.9	10	8260B		11/2/2017	CJR	1
trans-1,2-Dichloroethene	< 3.5	ug/l	3.5	11.2	10	8260B		11/2/2017	CJR	1
1,2-Dichloropropane	< 3.9	ug/l	3.9	12.4	10	8260B		11/2/2017	CJR	1
1,3-Dichloropropane	< 4.9	ug/l	4.9	15.5	10	8260B		11/2/2017	CJR	1
trans-1,3-Dichloropropene	< 4.2	ug/l	4.2	13.3	10	8260B		11/2/2017	CJR	1
cis-1,3-Dichloropropene	< 2.1	ug/l	2.1	6.5	10	8260B		11/2/2017	CJR	1
Di-isopropyl ether	< 2.6	ug/l	2.6	8.3	10	8260B		11/2/2017	CJR	1
EDB (1,2-Dibromoethane)	< 3.4	ug/l	3.4	10.9	10	8260B		11/2/2017	CJR	1
Ethylbenzene	320	ug/l	2	6.3	10	8260B		11/2/2017	CJR	1
Hexachlorobutadiene	< 14.7	ug/l	14.7	46.8	10	8260B		11/2/2017	CJR	1
Isopropylbenzene	11.5	ug/l	2.9	9.3	10	8260B		11/2/2017	CJR	1
p-Isopropyltoluene	< 2.8	ug/l	2.8	9.1	10	8260B		11/2/2017	CJR	1
Methylene chloride	< 9.4	ug/l	9.4	29.8	10	8260B		11/2/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 8.2	ug/l	8.2	26	10	8260B		11/2/2017	CJR	1
Naphthalene	50 "J"	ug/l	21.7	69	10	8260B		11/2/2017	CJR	1
n-Propylbenzene	32	ug/l	1.9	6.2	10	8260B		11/2/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 6.9	ug/l	6.9	22.1	10	8260B		11/2/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 4.7	ug/l	4.7	14.8	10	8260B		11/2/2017	CJR	1
Tetrachloroethene	< 4.8	ug/l	4.8	15.2	10	8260B		11/2/2017	CJR	1
Toluene	63	ug/l	6.7	21.3	10	8260B		11/2/2017	CJR	1
1,2,4-Trichlorobenzene	< 12.9	ug/l	12.9	41	10	8260B		11/2/2017	CJR	1

Project Name MR P'S TIRES

Invoice # E33823

Project #

Lab Code 50338231

Sample ID MW-1

Sample Matrix Water

Sample Date 10/30/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 8.3	ug/l	8.3	26.3	10	8260B		11/2/2017	CJR	1
1,1,1-Trichloroethane	< 3.5	ug/l	3.5	11.1	10	8260B		11/2/2017	CJR	1
1,1,2-Trichloroethane	< 6.5	ug/l	6.5	20.6	10	8260B		11/2/2017	CJR	1
Trichloroethene (TCE)	< 4.5	ug/l	4.5	14.3	10	8260B		11/2/2017	CJR	1
Trichlorofluoromethane	< 6.4	ug/l	6.4	20.4	10	8260B		11/2/2017	CJR	1
1,2,4-Trimethylbenzene	238	ug/l	11.4	36.3	10	8260B		11/2/2017	CJR	1
1,3,5-Trimethylbenzene	67	ug/l	9.1	29	10	8260B		11/2/2017	CJR	1
Vinyl Chloride	< 1.9	ug/l	1.9	6.2	10	8260B		11/2/2017	CJR	1
m&p-Xylene	1070	ug/l	15.6	49.5	10	8260B		11/2/2017	CJR	1
o-Xylene	820	ug/l	3.9	12.5	10	8260B		11/2/2017	CJR	1
SUR - Dibromofluoromethane	98	REC %			10	8260B		11/2/2017	CJR	1
SUR - Toluene-d8	101	REC %			10	8260B		11/2/2017	CJR	1
SUR - 4-Bromofluorobenzene	99	REC %			10	8260B		11/2/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %			10	8260B		11/2/2017	CJR	1
Wet Chemistry										
General										
Nitrite Plus Nitrate, Dissolved	< 0.17	mg/l	0.17	0.53	1	353.2		11/2/2017	NJC	1
Sulfate, Filtered	35.0	mg/l	1.55	4.93	1	ASTM D516-		11/3/2017	NJC	1

Project

Lab Code 5033823J
 Sample ID TB
 Sample Matrix Water
 Sample Date 10/30/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		11/1/2017	CJR	1
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B		11/1/2017	CJR	1
Bromodichloromethane	< 0.31	ug/l	0.31	1	1	8260B		11/1/2017	CJR	1
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B		11/1/2017	CJR	1
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B		11/1/2017	CJR	1
sec-Butylbenzene	< 0.24	ug/l	0.24	0.76	1	8260B		11/1/2017	CJR	1
n-Butylbenzene	< 0.34	ug/l	0.34	1.08	1	8260B		11/1/2017	CJR	1
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B		11/1/2017	CJR	1
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B		11/1/2017	CJR	1
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		11/1/2017	CJR	1
Chloroform	< 0.96	ug/l	0.96	3.04	1	8260B		11/1/2017	CJR	1
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B		11/1/2017	CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B		11/1/2017	CJR	1
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B		11/1/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B		11/1/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.44	1	8260B		11/1/2017	CJR	1
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B		11/1/2017	CJR	1
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B		11/1/2017	CJR	1
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B		11/1/2017	CJR	1
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B		11/1/2017	CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B		11/1/2017	CJR	1
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B		11/1/2017	CJR	1
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B		11/1/2017	CJR	1
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B		11/1/2017	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B		11/1/2017	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B		11/1/2017	CJR	1
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B		11/1/2017	CJR	1
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B		11/1/2017	CJR	1
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B		11/1/2017	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B		11/1/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		11/1/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		11/1/2017	CJR	1
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B		11/1/2017	CJR	1
Isopropylbenzene	< 0.29	ug/l	0.29	0.93	1	8260B		11/1/2017	CJR	1
p-Isopropyltoluene	< 0.28	ug/l	0.28	0.91	1	8260B		11/1/2017	CJR	1
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B		11/1/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		11/1/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		11/1/2017	CJR	1
n-Propylbenzene	< 0.19	ug/l	0.19	0.62	1	8260B		11/1/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B		11/1/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B		11/1/2017	CJR	1
Tetrachloroethene	< 0.48	ug/l	0.48	1.52	1	8260B		11/1/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		11/1/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B		11/1/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B		11/1/2017	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B		11/1/2017	CJR	1
1,1,2-Trichloroethane	< 0.65	ug/l	0.65	2.06	1	8260B		11/1/2017	CJR	1
Trichloroethene (TCE)	< 0.45	ug/l	0.45	1.43	1	8260B		11/1/2017	CJR	1
Trichlorofluoromethane	< 0.64	ug/l	0.64	2.04	1	8260B		11/1/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		11/1/2017	CJR	1

Project #

Lab Code 5033823J
 Sample ID TB
 Sample Matrix Water
 Sample Date 10/30/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B		11/1/2017	CJR	1
Vinyl Chloride	< 0.19	ug/l	0.19	0.62	1	8260B		11/1/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B		11/1/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B		11/1/2017	CJR	1
SUR - Toluene-d8	100	REC %				8260B		11/1/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	101	REC %				8260B		11/1/2017	CJR	1
SUR - 4-Bromofluorobenzene	95	REC %				8260B		11/1/2017	CJR	1
SUR - Dibromofluoromethane	98	REC %				8260B		11/1/2017	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code Comment

1 Laboratory QC within limits.

CWT denotes sub contract lab - Certification #445126660

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

Michael Ricker

CHAIN OF CUSTODY RECORD



Chain # N^o 3056
Page 1 of 1

Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Sample Handling Request

Rush Analysis Date Required
(Rushes accepted only with prior authorization)
 Normal Turn Around

Lab I.D. #
Account No.: Quote No.:
Project #:
Sampler: (signature) *Bongor Tygar*

Project (Name / Location): *Mr. P's Tires / Milwaukee*
Reports To: *Mark Pacholsky* Invoice To: *Mark Pacholsky*
Company: Company: *C/O METCO*
Address: *4475 Club Drive* Address: *709 Gillette Street, Suite 3*
City State Zip: *Slinger, WI 53086* City State Zip: *La Crosse, WI 54603*
Phone: Phone:
FAX: FAX:

									Analysis Requested										Other Analysis								
Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD (Dis-Sol)	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-HCRA METALS	Dis-solved Iron	Dis-solved Manganese	PID/ FID	
E035823A	MW-6	10/30/17	1025			Y	6	GW	HCl, H ₂ SO ₄ , HNO ₃			X	X						X			X					
B	MW-3		1050			Y	↓		↓			X	X						X			X					
C	MW-4		1120			Y	↓		↓			X	X						X			X					
D	MW-5		1220			Y	↓		↓			X	X						X			X					
E	G-12-W		1245			N	3		HCl									X									
F	G-11-W		1255			N	3		↓									X									
G	G-10-W		105			N	3		↓									X									
H	MW-2		135			Y	6		HCl, H ₂ SO ₄ , HNO ₃			X	X						X			X		X	X		
I	MW-1		225			Y	↓		↓			X	X						X			X		X	X		
J	TB						1		HCl													X					

Comments/Special Instructions ("Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)
*Lab to send copy of report to METCO / Jason P. (Invoice to METCO)
* Report status
* U + C rates apply*

Sample Integrity - To be completed by receiving lab.
Method of Shipment: *Cooler*
Temp. of Temp. Blank: °C On Ice
Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) *Bongor Tygar* Time: *3:00 PM* Date: *10/31/17*
Received in Laboratory By: *Christopher Brown* Time: *8:00* Date: *11/1/17*

Synergy Environmental Lab,

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

MARK PACHEFSKY
 MARK PACHEFSKY
 4475 CLUB DRIVE
 SLINGER, WI 53086

Report Date 01-Feb-18

Project Name MR P'S TIRES
 Project #

Invoice # E34168

Lab Code 5034168A
 Sample ID MW-6
 Sample Matrix Water
 Sample Date 1/24/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	< 0.9	ug/L	0.9		3 1	7421		1/30/2018	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		1/30/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		1/30/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		1/30/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		1/30/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		1/30/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		1/30/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		1/30/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		1/30/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		1/30/2018	CJR	1

Project

Lab Code 5034168B

Sample ID MW-3

Sample Matrix Water

Sample Date 1/24/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	< 0.9	ug/L	0.9		3	1 7421		1/30/2018	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		1/30/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		1/30/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		1/30/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		1/30/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		1/30/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		1/30/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		1/30/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		1/30/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		1/30/2018	CJR	1

Lab Code 5034168C

Sample ID MW-4

Sample Matrix Water

Sample Date 1/24/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	< 0.9	ug/L	0.9		3	1 7421		1/30/2018	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		1/31/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		1/31/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		1/31/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		1/31/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		1/31/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		1/31/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		1/31/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		1/31/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		1/31/2018	CJR	1

Project #

Lab Code 5034168D
 Sample ID MW-5
 Sample Matrix Water
 Sample Date 1/24/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	1.2 "J"	ug/L	0.9		3	1 7421		1/30/2018	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	43	ug/l	0.22	0.69	1	GRO95/8021		1/31/2018	CJR	1
Ethylbenzene	41	ug/l	0.53	1.69	1	GRO95/8021		1/31/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		1/31/2018	CJR	1
Naphthalene	22.8	ug/l	1.7	5.38	1	GRO95/8021		1/31/2018	CJR	1
Toluene	6.2	ug/l	0.45	1.45	1	GRO95/8021		1/31/2018	CJR	1
1,2,4-Trimethylbenzene	4.5	ug/l	0.73	2.33	1	GRO95/8021		1/31/2018	CJR	1
1,3,5-Trimethylbenzene	2.5	ug/l	0.75	2.39	1	GRO95/8021		1/31/2018	CJR	1
m&p-Xylene	5.6	ug/l	1	3.17	1	GRO95/8021		1/31/2018	CJR	1
o-Xylene	1.69 "J"	ug/l	0.58	1.84	1	GRO95/8021		1/31/2018	CJR	1

Lab Code 5034168E
 Sample ID MW-2
 Sample Matrix Water
 Sample Date 1/24/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	< 0.9	ug/L	0.9		3	1 7421		1/30/2018	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	680	ug/l	2.2	6.9	10	GRO95/8021		1/31/2018	CJR	1
Ethylbenzene	92	ug/l	5.3	16.9	10	GRO95/8021		1/31/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 5.7	ug/l	5.7	18.2	10	GRO95/8021		1/31/2018	CJR	1
Naphthalene	33 "J"	ug/l	17	53.8	10	GRO95/8021		1/31/2018	CJR	1
Toluene	17.2	ug/l	4.5	14.5	10	GRO95/8021		1/31/2018	CJR	1
1,2,4-Trimethylbenzene	12.2 "J"	ug/l	7.3	23.3	10	GRO95/8021		1/31/2018	CJR	1
1,3,5-Trimethylbenzene	11.2 "J"	ug/l	7.5	23.9	10	GRO95/8021		1/31/2018	CJR	1
m&p-Xylene	41	ug/l	10	31.7	10	GRO95/8021		1/31/2018	CJR	1
o-Xylene	7.3 "J"	ug/l	5.8	18.4	10	GRO95/8021		1/31/2018	CJR	1

Project Name MR P'S TIRES
 Project #

Invoice # E34168

Lab Code 5034168F
 Sample ID MW-1
 Sample Matrix Water
 Sample Date 1/24/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	< 0.9	ug/L	0.9	3	1	7421		1/30/2018	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	1110	ug/l	2.2	6.9	10	GRO95/8021		1/31/2018	CJR	1
Ethylbenzene	960	ug/l	5.3	16.9	10	GRO95/8021		1/31/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 5.7	ug/l	5.7	18.2	10	GRO95/8021		1/31/2018	CJR	1
Naphthalene	86	ug/l	17	53.8	10	GRO95/8021		1/31/2018	CJR	1
Toluene	60	ug/l	4.5	14.5	10	GRO95/8021		1/31/2018	CJR	1
1,2,4-Trimethylbenzene	320	ug/l	7.3	23.3	10	GRO95/8021		1/31/2018	CJR	1
1,3,5-Trimethylbenzene	135	ug/l	7.5	23.9	10	GRO95/8021		1/31/2018	CJR	1
m&p-Xylene	1170	ug/l	10	31.7	10	GRO95/8021		1/31/2018	CJR	1
o-Xylene	460	ug/l	5.8	18.4	10	GRO95/8021		1/31/2018	CJR	1

Lab Code 5034168G
 Sample ID TB
 Sample Matrix Water
 Sample Date 1/24/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		1/31/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		1/31/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		1/31/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		1/31/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		1/31/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		1/31/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		1/31/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		1/31/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		1/31/2018	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code **Comment**

1 Laboratory QC within limits.

CWT denotes sub contract lab - Certification #445126660

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

Michael Ricker

Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Sample Handling Request

Rush Analysis Date Required _____
(Rushes accepted only with prior authorization)

Normal Turn Around

Lab ID # _____
Account No. : _____ Quote No.: _____
Project #: _____
Sampler: (signature) *Benny Nguyen*

Project (Name / Location): *Mr. P's Tires / Milwaukee*
Reports To: *Mark Pachelsky* Invoice To: *Mark Pachelsky*
Company: _____ Company: *clo METCO*
Address: *4475 Dinger Club Drive* Address: *709 Gillette Street, Suite 3*
City State Zip: *Slinger, WI 53086* City State Zip: *La Crosse, WI 54603*
Phone: _____ Phone: _____
FAX: _____ FAX: _____

Analysis Requested										Other Analysis										
DRO (Mod DRO Sep 95)	GFO (Mod GRO Sep 95)	LEAD (Dis-solved)	NITRATENITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-PCRA METALS							PID/ FID
		X																		
		X																		
		X																		
		X																		
		X																		
		X																		

Lab ID	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)	Preservation
<i>S654068-A</i>	<i>MW-6</i>	<i>1/24/18</i>	<i>940</i>			<i>Y</i>	<i>4</i>	<i>GW</i>	<i>HCl, HNO₃</i>
<i>B</i>	<i>MW-3</i>		<i>1240</i>						
<i>C</i>	<i>MW-4</i>		<i>1120</i>						
<i>D</i>	<i>MW-5</i>		<i>1145</i>						
<i>E</i>	<i>MW-2</i>		<i>120</i>						
<i>F</i>	<i>MW-1</i>		<i>230</i>						
<i>G</i>	<i>TB</i>								<i>HCl</i>

Comments/Special Instructions ("Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Lab to send copy of report to METCO / Jason P. (Invoice to METCO)
** U + Crates apply*
** Agent Status*

Sample Integrity - To be completed by receiving lab.
Method of Shipment: *OR*
Temp. of Temp. Blank: _____ °C On Ice:
Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) *Benny Nguyen* Time Date Received By: (sign) _____ Time Date
8:30 AM 1/24/18

Received in Laboratory By: *[Signature]* Time: *10:00* Date: *1/27/18*

APPENDIX C/ WELL AND BOREHOLE DOCUMENTATION

Facility Name			Facility ID Number		License, Permit or Monitoring No.		Date		Completed By (Name and Firm)												
Mr. P's Tires (former)			341261030				3/20/2018		Bryce Kujawa (METCO)												
WI Unique Well No	Well Name	DNR Well ID Number	Well Location	Dir.		Date Established	Well Casing		Elevations		Reference		Depths			Screen Length	Well Type	Well Status	Enf. Stds.	Grad-ient	Distance to Waste
				N	S		Diam.	Type	Top of Well Casing	Ground Surface	MSL (✓)	Site Datum (✓)	Screen Top	Initial Groundwater	Well Depth						
VR682	MW-1		4		X	10/17/2017	2.04	P	665.11	665.54	X		4	5.16	14	10	11/mw	A	X		5
			38		X																
VR683	MW-2		25		X		2.04	P	665.87	666.27	X		4	3.6	14	10	11/mw	A	X		
			5		X																
VR684	MW-3		38		X		2.04	P	666.05	666.47	X		4		14	10	11/mw	A		D	35
			36		X																
VR685	MW-4		23		X		2	P	664.83	665.19	X		4	8.65	14	10	11/mw	A			S
			31		X																
VR686	MW-5		38		X		2.04	P	666.09	666.49	X		4	3.62	14	10	11/mw	A	X	S	21
			31		X																
VR687	MW-6		5		X		2	P	665.89	666.23	X		4	3.05	14	10	11/mw	A		U	87
			118		X																

Location Coordinates Are:

State Plane Coordinate Local Grid System

Northern Central Southern

Grid Origin Location: (Check if estimated: [X])

Lat. 43 ° 2 ' 9 " Long. 87 ° 56 ' 53 " or

St. Plane _____ ft. N. _____ ft. E. S/C/N Zone _____

Remarks: _____

Completion of this form is mandatory under s. NR 507.14 and NR 110.25 Wis. Adm. Code. Failure to file this form may result in forfeiture of not less than \$10 nor more than \$5,000 for each day of violation. Personally identifiable information provided is intended to be used by the Department for the purposes related to the waste management program.

Route To: _____ Watershed / Wastewater: _____ Waste Management: _____
Remediation / Redevelopment: Other: _____

Facility / Project Name		License / Permit / Monitoring Number		Boring Number
MR. P's Tires (Former)				G-1
Boring Drilled By: Name of crew chief (first, last) and Firm		Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darin Last: Prentice		02/13/2017	02/13/2017	Geoprobe
Firm: Geiss Soil & Samples, LLC		MM/DD/YYYY	MM/DD/YYYY	
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation
				~670 feet MSL
Local Grid Origin (estimated X) or Boring Location			Local Grid Location	
State Plane	N, E	Lat 43° 2' 9" N	N E	
NE ¼ of SE ¼ of Section 25, T 7 N, R 21 E		Long 87° 56' 53" W	Feet S Feet W	
Facility ID	County	County Code	Civil Town / City / Village	
341261030	Milwaukee	41	City of Milwaukee	

Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Soil Properties						RQD / Comments	
								PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				Asphalt											
G-1-1 (0-4 feet)	48 24		2	0-4' Limestone Screenings (FILL)	FILL			2.8		M					No Petro Odor/Staining
G-1-2 (4-8 feet)	48 24		4					84		M					Petro Odor 4-4.5'
G-1-3 (8-12 feet)	48 24		6												
			8	4-18' Brown Silt/Clay	ML/CL			20.4		MW					No Petro Odor/Staining
G-1-4 (12-16 feet)	48 36		12					1.4		W					No Petro Odor/Staining
G-1-5 (16-18 feet)	24 36		18							W					No Petro Odor/Staining
			20	EOB at 18 feet bgs. Groundwater sample G-1-W collected at 8-13 feet. Borehole abandoned.											
			22												
			24												

I hereby certify that the information on this form is true and correct to the best of my knowledge
Signature: *[Handwritten Signature]* Firm: **METCO**

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295 and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Route To: _____ Watershed / Wastewater: _____ Waste Management: _____
Remediation / Redevelopment: Other: _____ Page 1 of 1

Facility / Project Name MR. P's Tires (Former)		License / Permit / Monitoring Number		Boring Number G-2
Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC		Drilling Date Started 02/13/2017 MM/DD/YYYY	Drilling Date Completed 02/13/2017 MM/DD/YYYY	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation ~670 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of SE ¼ of Section 25, T 7 N, R 21 E			Local Grid Location Lat 43° 2' 9" N Long 87° 56' 53" W Feet S Feet W	
Facility ID 341261030	County Milwaukee	County Code 41	Civil Town / City / Village City of Milwaukee	






Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	Soil Properties						RQD / Comments
								PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
G-2-1 (0-4 feet)	48		2	Asphalt										Petro Odor
	36		4	0-6' Brown Sandy Silt/Clay	ML/CL		3.3			M				
G-2-2 (4-8 feet)	48		8	6-8' Brown Silt/Clay with Trace Sand	ML/CL		231			M				Petro Odor 4-6.5' Staining 4-5'
	42		10				27			MW				
G-2-3 (8-12 feet)	48		12	8-18' Brown Silt/Clay	ML/CL		10.7			W				No Petro Odor/Staining
	48		14											
G-2-4 (12-16 feet)	48		16			10.6			W				No Petro Odor/Staining	
	48		18											
G-2-5 (16-18 feet)	24		18	EOB at 18 feet bgs. Groundwater sample G-2-W collected at 11.8-18 feet. Borehole abandoned.										
	48		20											
			22											
			24											


I hereby certify that the information on this form is true and correct to the best of my knowledge
Signature: Firm: METCO

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Route To: _____ Watershed / Wastewater: _____ Waste Management: _____
Remediation / Redevelopment: Other: _____

Facility / Project Name MR. P's Tires (Former)		License / Permit / Monitoring Number		Boring Number G-3
Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC		Drilling Date Started 02/13/2017 MM/DD/YYYY	Drilling Date Completed 02/13/2017 MM/DD/YYYY	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation -670 feet MSL
				Borehole Diameter 2 inches
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE 1/4 of SE 1/4 of Section 25, T 7 N, R 21 E			Local Grid Location Lat 43° 2' 9" N Long 87° 56' 53" W Feet S Feet W	
Facility ID 341261030		County Milwaukee	County Code 41	Civil Town / City / Village City of Milwaukee

Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	Soil Properties						RQD / Comments
								PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
G-3-1 (0-4 feet)	48 48		2	Concrete				3.4		M				No Petro Odor/Staining
			4	0-4' Brown to Dark Tan Sandy Silt/Clay with Trace Gravel	FILL									
G-3-2 (4-8 feet)	48 48		6	4-8' Brown to Dark Tan Silt/Clay with Trace Sand	ML/CL			3.1		M				No Petro Odor/Staining
			8											
G-3-3 (8-12 feet)	48 48		10	8-18' Brown to Dark Tan Silt/Clay				3.1		M				No Petro Odor/Staining
			12											
G-3-4 (12-16 feet)	48 48		14					3.1		M/W				No Petro Odor/Staining
			16											
G-3-5 (16-18 feet)	24 36		18					3.2		W				No Petro Odor/Staining
			20											
				EOB at 18 feet bgs. Groundwater sample G-3-W collected at 17-18 feet. Borehole abandoned.										

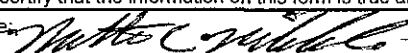
I hereby certify that the information on this form is true and correct to the best of my knowledge
Signature:  Firm: **METCO**

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Route To: _____ Watershed / Wastewater: _____ Waste Management: _____
Remediation / Redevelopment: **X** Other: _____

Facility / Project Name MR. P's Tires (Former)		License / Permit / Monitoring Number		Boring Number G-4	
Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC		Drilling Date Started 02/13/2017 MM/DD/YYYY	Drilling Date Completed 02/13/2017 MM/DD/YYYY	Drilling Method Geoprobe	
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation ~670 feet MSL	Borehole Diameter 2 inches
Local Grid Origin (estimated X) or Boring Location				Local Grid Location	
State Plane N, E		Lat 43° 2' 9" N		N E	
NE ¼ of SE ¼ of Section 25, T 7 N, R 21 E		Long 87° 56' 53" W		Feet S Feet W	
Facility ID 341261030		County Milwaukee	County Code 41	Civil Town / City / Village City of Milwaukee	

Sample				Soil Properties										
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Wet Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
				Concrete										
G-4-1 (0-4 feet)	48 24		2	0-4' Brown to Tan Sandy Silt/Clay	ML/CL			4.9		M				No Petro Odor/Staining
G-4-2 (4-8 feet)	48 42		6	4-8' Brown to Tan Sandy Silt/Clay to Silt/Clay with Trace Gravel	ML/CL			9.9		M				No Petro Odor/Staining
G-4-3 (8-12 feet)	48 48		12					5.1		M				No Petro Odor/Staining
G-4-4 (12-16 feet)	48 48		14	8-18' Brown Silt/Clay	ML/CL			5.5		M/W				No Petro Odor/Staining
G-4-5 (16-18 feet)	24 48		18	EOB at 18 feet bgs. Groundwater sample G-4-W collected at 15-18 feet. Borehole abandoned.				6.4		W				No Petro Odor/Staining

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Signature:  Firm: **METCO**

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Route To: _____ Watershed / Wastewater: _____ Waste Management: _____
Remediation / Redevelopment: **X** Other: _____

Facility / Project Name MR. P's Tires (Former)		License / Permit / Monitoring Number		Boring Number G-5
Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC		Drilling Date Started 02/13/2017 MM/DD/YYYY	Drilling Date Completed 02/13/2017 MM/DD/YYYY	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation ~670 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE 1/4 of SE 1/4 of Section 25, T 7 N, R 21 E			Local Grid Location Lat 43° 2' 9" N Long 87° 56' 53" W Feet S Feet W	
Facility ID 341261030		County Milwaukee	County Code 41	Civil Town / City / Village City of Milwaukee

Number & Type	Length Att. & Recovered (ft)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	Soil Properties						RQD / Comments
								PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
			0	Concrete										
G-5-1 (0-4 feet)	48 36		2	0-4' Brown to Dark Tan Sandy Silt/Clay with Gravel	ML/CL			4.4		M				No Petro Odor/Staining
G-5-2 (4-8 feet)	48 24		6	4-8' Brown Silt/Clay with Trace Sand	ML/CL			5.8		M				No Petro Odor/Staining
G-5-3 (8-12 feet)	48 12		12					6.9		M				No Petro Odor/Staining
G-5-4 (12-16 feet)	48 24		14	8-18' Brown Silt/Clay	ML/CL			4.8		MW				No Petro Odor/Staining
G-5-5 (16-18 feet)	24 24		18	EOB at 18 feet bgs. Groundwater sample G-5-W collected at 14.1-18 feet. Borehole abandoned.				5.4		W				No Petro Odor/Staining

I hereby certify that the information on this form is true and correct to the best of my knowledge
Signature: *[Signature]* Firm: **METCO**

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Route To: _____ Watershed / Wastewater: _____ Waste Management: _____
Remediation / Redevelopment: **X** Other: _____ Page 1 of 1

Facility / Project Name		License / Permit / Monitoring Number		Boring Number	
MR. P's Tires (Former)				G-6	
Boring Drilled By: Name of crew chief (first, last) and Firm			Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice			02/13/2017	02/13/2017	Geoprobe
Firm: Geiss Soil & Samples, LLC			MM/DD/YYYY	MM/DD/YYYY	
WI Unique Well No.	DNR Well ID No.	Weil Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				-670 feet MSL	2 inches
Local Grid Origin (estimated X) or Boring Location				Local Grid Location	
State Plane N, E		Lat 43° 2' 9" N		N E	
NE ¼ of SE ¼ of Section 25, T 7 N, R 21 E		Long 87° 56' 53" W		Feet S Feet W	
Facility ID		County	County Code	Civil Town / City / Village	
341261030		Milwaukee	41	City of Milwaukee	




Sample			Soil Properties											
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
				Concrete										
G-6-1 (0-4 feet)	48 6		2	0-4' Dark Brown to Brown Sandy Silt/Clay	ML/CL			4.6		M				No Petro Odor/Staining
G-6-2 (4-8 feet)	48 36		6	4-8' Dark Tan to Brown Silt/Clay with Trace Sand	ML/CL			10.3		M				No Petro Odor/Staining
G-6-3 (8-12 feet)	48 48		12					4.5		M				No Petro Odor/Staining
G-6-4 (12-14 feet)	24 48		14	8-18' Brown Silt/Clay with 2" of a Sandy Silt/Clay @ 13 feet	ML/CL			6.5		MW				No Petro Odor/Staining
G-6-5 (14-16 feet)	24 36		16					7.5		MW				No Petro Odor/Staining
G-6-6 (16-18 feet)	24 48		18					5.3		W				No Petro Odor/Staining
			20	EOB at 18 feet bgs. Groundwater sample G-6-W collected at 10.9-18 feet. Borehole abandoned.										
			22											
			24											

I hereby certify that the information on this form is true and correct to the best of my knowledge
Signature: *[Handwritten Signature]* Firm: **METCO**

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Route To: _____ Watershed / Wastewater: _____ Waste Management: _____
Remediation / Redevelopment: Other: _____ Page 1 of 1

Facility / Project Name		License / Permit / Monitoring Number		Boring Number
MR. P's Tires (Former)				G-7
Boring Drilled By: Name of crew chief (first, last) and Firm		Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice		02/13/2017	02/13/2017	
Firm: Geiss Soil & Samples, LLC		MM/ DD/ YYYY	MM /DD/ YYYY	Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation
				-670 feet MSL
Local Grid Origin (estimated X) or Boring Location			Borehole Diameter	
			2 inches	
State Plane N, E		Lat 43° 2' 9" N	Local Grid Location N E	
NE ¼ of SE ¼ of Section 25, T 7 N, R 21 E		Long 87° 56' 53" W	Feet S Feet W	
Facility ID	County	County Code	Civil Town / City / Village	
341261030	Milwaukee	41	City of Milwaukee	

Number & Type	Length Att. & Recovered (ft)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	Soil Properties					P 200	RQD / Comments
								PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index		
			0	Concrete										
			2	0-4' No Recovery										
G-7-1 (0-4 feet)	48 0		4					13.0		M				No Petro Odor/Staining
G-7-2 (4-8 feet)	48 3		6	4-8' Brown Silt/Clay with Gravel	ML/CL									
G-7-3 (8-12 feet)	48 36		8					574		MW				Petro Odor
			10	8-12' Brown Silt/Clay with Trace Sand	ML/CL									
G-7-4 (12-16 feet)	48 36		12					7.5		W				No Petro Odor/Staining
			14											
			16	12-18' Brown Silt/Clay	ML/CL									
G-7-5 (16-18 feet)	24 48		18					3.1		W				No Petro Odor/Staining
			20	EOB at 18 feet bgs. Groundwater sample G-7-W collected at 8.9-18 feet. Borehole abandoned.										
			22											
			24											

I hereby certify that the information on this form is true and correct to the best of my knowledge
Signature: *Matthew C. Wisniewski* Firm: **METCO**

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Route To: _____ Watershed / Wastewater: _____ Waste Management: _____
Remediation / Redevelopment: Other: _____ Page 1 of 1

Facility / Project Name		License / Permit / Monitoring Number		Boring Number	
MR. P's Tires (Former)				G-8	
Boring Drilled By: Name of crew chief (first, last) and Firm			Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice			02/13/2017	02/13/2017	Geoprobe
Firm: Geiss Soil & Samples, LLC			MM/ DD/ YYYY	MM /DD/ YYYY	
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				-670 feet MSL	2 inches
Local Grid Origin (estimated X) or Boring Location				Local Grid Location	
State Plane N, E		Lat 43° 2' 9" N		N E	
NE ¼ of SE ¼ of Section 25, T 7 N, R 21 E		Long 87° 56' 53" W		Feet S Feet W	
Facility ID		County	County Code	Civil Town / City / Village	
341261030		Milwaukee	41	City of Milwaukee	

Sample				Soil Properties										
Number & Type	Length Att. & Recovered (ft)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			0	Concrete										
G-8-1 (0-4 feet)	48 36		2	0-4' Brown to Dark Tan Sandy Silt/Clay with Gravel	ML/CL			2.8		M				No Petro Odor/Staining
			4	4-6' Brown to Dark Tan Sandy Silt/Clay	ML/CL									
G-8-2 (4-8 feet)	48 30		8	6-9.5' Brown Silt/Clay	ML/CL			2.7		M				No Petro Odor/Staining
			10	9.5-10' Brown to Dark Tan Sandy Silt/Clay	ML/CL									
G-8-3 (8-12 feet)	48 36		12					2.7		M				No Petro Odor/Staining
G-8-4 (12-16 feet)	48 36		14	10-18' Brown Silt/Clay	ML/CL			2.5		M/W				No Petro Odor/Staining
			16											
G-8-5 (16-18 feet)	24 48		18	EOB at 18 feet bgs. Groundwater sample G-8-W collected at 8.5-18 feet. Borehole abandoned.				3.2		W				No Petro Odor/Staining
			20											
			22											
			24											

I hereby certify that the information on this form is true and correct to the best of my knowledge
Signature: *[Handwritten Signature]* Firm: **METCO**

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Route To: _____ Watershed / Wastewater: _____ Waste Management: _____
Remediation / Redevelopment: **X** Other: _____

Facility / Project Name		License / Permit / Monitoring Number		Boring Number	
MR. P's Tires (Former)				G-9	
Boring Drilled By: Name of crew chief (first, last) and Firm		Drilling Date Started	Drilling Date Completed	Drilling Method	
First: Darin Last: Prentice		02/13/2017	02/13/2017	Geoprobe	
Firm: Geiss Soil & Samples, LLC		MM/DD/YYYY	MM/DD/YYYY		
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				-670 feet MSL	2 inches
Local Grid Origin (estimated X) or Boring Location			Local Grid Location		
State Plane	N, E	Lat 43° 2' 9" N	N, E		
NE ¼ of SE ¼ of Section 25, T 7 N, R 21 E		Long 87° 56' 53" W	Feet S	Feet W	
Facility ID	County	County Code	Civil Town / City / Village		
341261030	Milwaukee	41	City of Milwaukee		

Sample				Soil Properties										
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			0	Concrete										
			0.5	Tan Sand & Gravel (FILL)	FILL									
G-9-1 (0-4 feet)	48 36		2 4	0.5-6' Brown Sandy Silt/Clay with Gravel	ML/CL			25.7		M				No Petro Odor/Staining
			6	4-6' Brown Silt/Clay with Trace Sand	ML/CL									
G-9-2 (4-8 feet)	48 30		8	6-8' Light Brown to Dark Tan Silt/Clay	ML/CL			2.9		M				No Petro Odor/Staining
			10											
G-9-3 (8-12 feet)	48 48		12					2.1		M				No Petro Odor/Staining
G-9-4 (12-16 feet)	48 48		14	8-18' Brown to Dark Tan Silt/Clay	ML/CL			1.4		M/W				No Petro Odor/Staining
			16											
G-9-5 (16-18 feet)	24 36		18					1.2		W				No Petro Odor/Staining
			20	EOB at 18 feet bgs. Groundwater sample G-9-W collected at 7.8-18 feet. Borehole abandoned.										
			22											
			24											

I hereby certify that the information on this form is true and correct to the best of my knowledge


Signature: *[Handwritten Signature]*

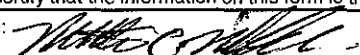
Firm: **METCO**

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Route To: _____ Watershed / Wastewater: _____ Waste Management: _____
Remediation / Redevelopment: Other: _____

Facility / Project Name		License / Permit / Monitoring Number		Boring Number	
MR. P's Tires (Former)				G-10/TW-10	
Boring Drilled By: Name of crew chief (first, last) and Firm		Drilling Date Started		Drilling Date Completed	
First: Damin Last: Prentice		02/14/2017		02/14/2017	
Firm: Geiss Soil & Samples, LLC		MM/DD/YYYY		MM/DD/YYYY	
WI Unique Well No. DNR Well ID No.		Well Name		Final Static Water Level	
VR641		TW-10		-670 feet MSL	
Local Grid Origin (estimated X) or Boring Location		Local Grid Location		Drilling Method	
State Plane N, E		Lat 43° 2' 9" N		N E	
NE ¼ of SE ¼ of Section 25, T 7 N, R 21 E		Long 87° 56' 53" W		Feet S Feet W	
Facility ID		County		County Code	
341261030		Milwaukee		41	
				Civil Town / City / Village	
				City of Milwaukee	

Sample				Soil Properties											
Number & Type	Length Att. & Recovered (m)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments	
				Concrete											
G-10-1 (0-4 feet)	48 6		2	0-4' Brown to Dark Tan Sandy Silt/Clay	ML/CL		SEE WELL CONSTRUCTION FORM	3.0		M				No Petro Odor/Staining	
G-10-2 (4-8 feet)	48 48		6	4-8' Dark Tan to Brown Silt/Clay with Trace Sand	ML/CL			2.0		M					No Petro Odor/Staining
G-10-3 (8-10 feet)	24 48		10					2.0		M					No Petro Odor/Staining
G-10-4 (10-12 feet)	24 48		12					2.1		M					No Petro Odor/Staining
G-10-5 (12-14 feet)	24 48		14	8-18' Brown Silt/Clay	ML/CL			2.7		M/W					No Petro Odor/Staining
G-10-6 (14-16 feet)	24 48		16					2.3		M/W					No Petro Odor/Staining
G-10-7 (16-18 feet)	24 48		18					2.8		M/W					No Petro Odor/Staining
			20	EOB at 18 feet bgs. Installed temporary well TW-10 to 18 feet bgs with a 10 foot screen.											
			22												
			24												

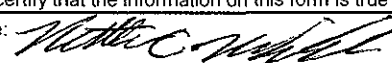
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Signature:  Firm: **METCO**

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Route To: _____ Watershed / Wastewater: _____ Waste Management: _____
Remediation / Redevelopment: **X** Other: _____

Facility / Project Name		License / Permit / Monitoring Number		Boring Number	
MR. P's Tires (Former)				G-11/TW-11	
Boring Drilled By: Name of crew chief (first, last) and Firm			Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice			02/14/2017	02/14/2017	Geoprobe
Firm: Geiss Soil & Samples, LLC			MM/ DD/ YYYY	MM /DD/ YYYY	
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
VR642		TW-11		-670 feet MSL	2 inches
Local Grid Origin (estimated X) or Boring Location				Local Grid Location	
State Plane N, E		Lat 43° 2' 9" N		N E	
NE ¼ of SE ¼ of Section 25, T 7 N, R 21 E			Long 87° 56' 53" W		Feet S Feet W
Facility ID		County	County Code	Civil Town / City / Village	
341261030		Milwaukee	41	City of Milwaukee	

Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Soil Properties					P 200	RQD / Comments
								PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index		
				Concrete										
G-11-1 (0-4 feet)	48 6		2	0-4' Brown Sandy Silt/Clay with Trace Gravel	ML/CL	SEE WELL CONSTRUCTION FORM		4.4		M				No Petro Odor/Staining
G-11-2 (4-8 feet)	48 48		8				2.5			M				No Petro Odor/Staining
G-11-3 (8-10 feet)	24 48		10				2.6			M				No Petro Odor/Staining
G-11-4 (10-12 feet)	24 48		12	4-18' Brown to Dark Tan Silt/Clay	ML/CL		2.3			M				No Petro Odor/Staining
G-11-5 (12-14 feet)	24 48		14				1.9			M/W				No Petro Odor/Staining
G-11-6 (14-16 feet)	24 48		16				2.2			W				No Petro Odor/Staining
G-11-7 (16-18 feet)	24 48		18				2.9			W				No Petro Odor/Staining
			20	EOB at 18 feet bgs. Installed temporary well TW-11 to 18 feet bgs with a 10 foot screen.										
			22											
			24											

I hereby certify that the information on this form is true and correct to the best of my knowledge
 Signature:  Firm: **METCO**

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295 and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Route To: _____ Watershed / Wastewater: _____ Waste Management: _____
Remediation / Redevelopment: **X** Other: _____ Page 1 of 1

Facility / Project Name MR. P's Tires (Former)		License / Permit / Monitoring Number		Boring Number G-12/TW-12	
Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice		Drilling Date Started 02/14/2017		Drilling Date Completed 02/14/2017	
Firm: Geiss Soil & Samples, LLC		MM/DD/YYYY		MM/DD/YYYY	
WI Unique Well No. DNR Well ID No.		Well Name		Final Static Water Level	
VR643		TW-12		~670 feet MSL	
Local Grid Origin (estimated X) or Boring Location		Local Grid Location		Borehole Diameter	
State Plane N, E		Lat 43° 2' 9" N		N E	
NE ¼ of SE ¼ of Section 25, T 7 N, R 21 E		Long 87° 56' 53" W		Feet S Feet W	
Facility ID		County		County Code	
341261030		Milwaukee		41	
		Civil Town / City / Village		City of Milwaukee	



Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	Soil Properties						RQD / Comments	
								PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
			0	Asphalt											
G-12-1 (0-4 feet)	48 18		2	0-4' Limestone Screenings (FILL)	FILL			3.1		M					No Petro Odor/Staining
G-12-2 (4-8 feet)	48 24		6	4-8' Brown to Dark Tan Sandy Silt/Clay to Silt/Clay	ML/CL			15.4		M					Petro Odor 4-6 feet
G-12-3 (8-12 feet)	48 36		12					4.4		M					No Petro Odor/Staining
G-12-4 (12-16 feet)	48 48		14	8-18' Brown to Dark Tan Silt/Clay	ML/CL			1.8		MW					No Petro Odor/Staining
G-12-5 (16-18 feet)	24 24		18					1.8		MW					No Petro Odor/Staining
			20	EOB at 18 feet bgs. Installed temporary well TW-12 to 18 feet bgs with a 10 foot screen.											

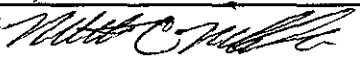
I hereby certify that the information on this form is true and correct to the best of my knowledge
Signature: *[Handwritten Signature]* Firm: **METCO**

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295 and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Route To: _____ Watershed / Wastewater: _____ Waste Management: _____
Remediation / Redevelopment: Other: _____

Facility / Project Name		License / Permit / Monitoring Number		Boring Number
MR. P's Tires (Former)				G-13
Boring Drilled By: Name of crew chief (first, last) and Firm		Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice		02/14/2017	02/14/2017	Geoprobe
Firm: Geiss Soil & Samples, LLC		MM/DD/YYYY	MM/DD/YYYY	
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation
				-670 feet MSL
Local Grid Origin (estimated X) or Boring Location			Local Grid Location	
State Plane N, E			Lat 43° 2' 9" N	N E
NE ¼ of SE ¼ of Section 25, T 7 N, R 21 E			Long 87° 56' 53" W	Feet S Feet W
Facility ID		County	County Code	Civil Town / City / Village
341261030		Milwaukee	41	City of Milwaukee

Sample			Soil Properties											
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
G-13-1 (0-4 feet)	48 24		0-4	Asphalt 0-4' Limestone Screenings (FILL)	FILL			4.9		M				No Petro Odor/Staining
G-13-2 (4-8 feet)	48 24		4-8	4-8' Tan to Grey Sandy Silt/Clay with Gravel	ML/CL			225		M/W				Petro Odor 6-8 feet
G-13-3 (8-12 feet)	48 0		8-12	8-12' No Recovery										
				EOB at 12 feet bgs. Groundwater sample G-13-W collected at 6-12 feet. Borehole abandoned.										

I hereby certify that the information on this form is true and correct to the best of my knowledge
 Signature:  Firm: **METCO**

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295 and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Route To:


Watershed / Wastewater:
Remediation / Redevelopment:

Waste Management:
Other:

Facility / Project Name Mr. P's Tires (former)		License / Permit / Monitoring Number		Boring Number MW-1
Boring Drilled By: Name of crew chief (first, last) and Firm First: Bob Last: Rector Firm: Soils & Engineering Services, Inc.		Drilling Date Started 10/17/2017 MM/DD/YYYY	Drilling Date Completed 10/17/2017 MM/DD/YYYY	Drilling Method H.S.A.
WI Unique Well No. VR682	DNR Well ID No.	Well Name	Final Static Water Level 665 feet MSL	Surface Elevation 670 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of SE ¼ of Section 25, T 7 N, R 21 E			Local Grid Location Lat 43° 2' 9" N Long 87° 56' 53" W Feet S Feet W	
Facility ID 341261030	County Milwaukee	County Code 41	Civil Town / City / Village City of Milwaukee	

Number & Type	Length Alt. & Recovered (m)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	Soil Properties					P 200	RQD / Comments
								PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index		
				Concrete										
MW-1-1 (3.5 feet)	24 18	2,2 4,5	3 6	Brown sandy silt/clay with gravel	ML/CL			31		M				Slight petro odor
MW-1-2 (8 feet)	24 20	3,6 8,11	6 9	Gray sandy silt/clay	ML/CL			614		M				Petro odor
MW-1-3 (12 feet)	24 20	4,5 7,12	9 12	Gray sandy silt/clay	ML/CL			5.3		W				No petro odor
MW-1-4 (16 feet)	24	4,5 9,11	15 18	Gray sandy silt/clay EOB at 16 feet bgs. Monitoring well MW-1 was installed 14 feet with a 10 foot screen.	ML/CL			4.4		W				No petro odor

I hereby certify that the information on this form is true and correct to the best of my knowledge

Signature: 

Firm: **METCO**

Route To: _____ Watershed / Wastewater: _____ Waste Management: _____
Remediation / Redevelopment: Other: _____

Facility / Project Name Mr. P's Tires (former)		License / Permit / Monitoring Number		Boring Number MW-2
Boring Drilled By: Name of crew chief (first, last) and Firm First: Bob Last: Rector Firm: Soils & Engineering Services, Inc.		Drilling Date Started 10/17/2017 MM/DD/YYYY	Drilling Date Completed 10/17/2017 MM/DD/YYYY	Drilling Method H.S.A.
WI Unique Well No. VR683	DNR Well ID No.	Well Name	Final Static Water Level 665 feet MSL	Surface Elevation 670 feet MSL
Local Grid Origin (estimated X) or Boring Location		Local Grid Location		
State Plane N, E		Lat 43° 2' 9" N		Feet S Feet W
NE ¼ of SE ¼ of Section 25, T 7 N, R 21 E		Long 87° 56' 53" W		
Facility ID 341261030	County Milwaukee	County Code 41	Civil Town / City / Village City of Milwaukee	

Sample				Soil Properties										
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
MW-2-1 (2-4 feet)	24 0	4,4 3,12	3	No recovery, rock in tip										
MW-2-2 (6 feet)	24 12	1,1 8,15	6	Gray silt, sand, and gravel (FILL)	FILL			329		W				Petro odor
MW-2-3 (12 feet)	24 18	4,6 5,9	9	Gray sandy silt/clay	ML/CL			35		W				Slight petro odor
MW-2-4 (16 feet)	24 18	5,5 8,13	15	Gray sandy silt/clay	ML/CL			41		W				Slight petro odor
MW-2-5 (20 feet)	24	5,8 10,13	18	Gray sandy silt/clay	ML/CL			3.0		W				No petro odor
			21	EOB at 20 feet bgs. Monitoring well MW-2 was installed 14 feet with a 10 foot screen.										
			24											
			27											

I hereby certify that the information on this form is true and correct to the best of my knowledge

Signature:





Firm: **METCO**

Route To:

Watershed / Wastewater:
Remediation / Redevelopment:

Waste Management:
Other:

Facility / Project Name Mr. P's Tires (former)		License / Permit / Monitoring Number		Boring Number MW-3
Boring Drilled By: Name of crew chief (first, last) and Firm First: Bob Last: Rector Firm: Soils & Engineering Services, Inc.		Drilling Date Started 10/17/2017 MM/ DD/ YYYY	Drilling Date Completed 10/17/2017 MM /DD/ YYYY	Drilling Method H.S.A.
WI Unique Well No. VR684	DNR Well ID No.	Well Name	Final Static Water Level 665 feet MSL	Surface Elevation 670 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of SE ¼ of Section 25, T 7 N, R 21 E			Local Grid Location N E Feet S Feet W	
Facility ID 341261030	County Milwaukee	County Code 41	Civil Town / City / Village City of Milwaukee	

Sample				Soil Properties										
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
MW-3-1 (3.5 feet)	24 18	3,4 7,10	3 6	Concrete Tan sandy silt/clay with gravel	ML/CL			1.9		M				No petro odor
MW-3-2 (8 feet)	24 18	3,6 11,11	6 9	Gray sandy silt/clay	ML/CL			2.1		M				No petro odor
MW-3-3 (12 feet)	24 18	3,5 7,8	9 12	Gray sandy silt/clay	ML/CL			3.0		W				No petro odor
MW-3-4 (16 feet)	24 24	4,5 4,8	12 15 18 21 24 27	Gray sandy silt/clay EOB at 16 feet bgs. Monitoring well MW-3 was installed 14 feet with a 10 foot screen.	ML/CL			2.2		W				No petro odor

I hereby certify that the information on this form is true and correct to the best of my knowledge

Signature: 

Firm: **METCO**

Route To:

Watershed / Wastewater:

Waste Management:

Remediation / Redevelopment:

Other:

Facility / Project Name Mr. P's Tires (former)		License / Permit / Monitoring Number		Boring Number MW-4
Boring Drilled By: Name of crew chief (first, last) and Firm First: Bob Last: Rector Firm: Soils & Engineering Services, Inc.		Drilling Date Started 10/16/2017 MM/DD/YYYY	Drilling Date Completed 10/16/2017 MM/DD/YYYY	Drilling Method H.S.A.
WI Unique Well No. VR685	DNR Well ID No.	Well Name	Final Static Water Level 665 feet MSL	Surface Elevation 670 feet MSL Borehole Diameter 8 inches
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of SE ¼ of Section 25, T 7 N, R 21 E			Local Grid Location Lat 43° 2' 9" N Long 87° 56' 53" W Feet S Feet W	
Facility ID 341261030	County Milwaukee	County Code 41	Civil Town / City / Village City of Milwaukee	

Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	Soil Properties					RQD / Comments
								PID / FD	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	
MW-4-1 (3.5 feet)	24 18	2,2 3,3	3	Concrete									
			6	Brown sandy silt/clay with gravel	ML/CL			2.4		M			No petro odor
MW-4-2 (8 feet)	24 18	4,8 10,10	9	Gray sandy silt/clay	ML/CL			12.4		M			Petro odor from 7-8 feet
MW-4-3 (12 feet)	24 18	3,4 8,8	12	Tan sandy silt/clay	ML/CL			2.2		W			No petro odor
MW-4-4 (16 feet)	24 24	4,6 7,12	15	Gray sandy silt/clay EOB at 16 feet bgs. Monitoring well MW-4 was installed 14 feet with a 10 foot screen.	ML/CL			1.9		W			No petro odor

I hereby certify that the information on this form is true and correct to the best of my knowledge

Signature: 

Firm: **METCO**

Route To:

Watershed / Wastewater:
Remediation / Redevelopment:

Waste Management:
Other:

Facility / Project Name Mr. P's Tires (former)		License / Permit / Monitoring Number		Boring Number MW-5
Boring Drilled By: Name of crew chief (first, last) and Firm First: Bob Last: Rector Firm: Soils & Engineering Services, Inc.		Drilling Date Started 10/16/2017 MM/DD/YYYY	Drilling Date Completed 10/16/2017 MM/DD/YYYY	Drilling Method H.S.A.
WI Unique Well No. VR686	DNR Well ID No.	Well Name	Final Static Water Level 665 feet MSL	Surface Elevation 670 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of SE ¼ of Section 25, T 7 N, R 21 E			Local Grid Location N E Feet S Feet W	
Facility ID 341261030		County Milwaukee	County Code 41	Civil Town / City / Village City of Milwaukee

Number & Type	Length Alt. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	Soil Properties					P 200	RQD / Comments
								PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index		
MW-5-1 (3.5 feet)	24 6	2,1 1,1	3 6	Tan sandy silt/clay with gravel	ML/CL			1.9		W				No petro odor
MW-5-2 (8 feet)	24 12	2,3 4,3	6 9	Gray sandy silt/clay with gravel	ML/CL			61		W				Petro odor
MW-5-3 (12 feet)	24 20	4,3 3,3	9 12	Gray sandy silt/clay with gravel	ML/CL			50		W				Slight petro odor
MW-5-4 (16 feet)	24	4,5 5,7	12 15 18 21 24 27	Gray sandy silt/clay EOB at 16 feet bgs. Monitoring well MW-5 was installed 14 feet with a 10 foot screen.	ML/CL			22		W				No petro odor

I hereby certify that the information on this form is true and correct to the best of my knowledge

Signature:

Firm: **METCO**

Route To:

Watershed / Wastewater:
Remediation / Redevelopment: **X**

Waste Management:
Other:

Facility / Project Name Mr. P's Tires (former)		License / Permit / Monitoring Number		Boring Number MW-6
Boring Drilled By: Name of crew chief (first, last) and Firm First: Bob Last: Rector Firm: Soils & Engineering Services, Inc.		Drilling Date Started 10/16/2017 MM/DD/YYYY	Drilling Date Completed 10/16/2017 MM/DD/YYYY	Drilling Method H.S.A.
WI Unique Well No. VR687	DNR Well ID No.	Well Name	Final Static Water Level 665 feet MSL	Surface Elevation 670 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of SE ¼ of Section 25, T 7 N, R 21 E			Local Grid Location Lat 43° 2' 9" N Long 87° 56' 53" W Feet S Feet W	
Facility ID 341261030	County Milwaukee	County Code 41	Civil Town / City / Village City of Milwaukee	

Sample				Soil Properties										
Number & Type	Length Att. & Recovered (In)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
MW-6-1 (3.5 feet)	24	3,3	3	Asphalt				0.8		M				No petro odor
	6	2,2		Tan sandy silt/clay with gravel	ML/CL									
MW-6-2 (6-8 feet)	24	2,2	6	No Recovery										
MW-6-3 (12 feet)	24	2,4	9					1.6		W				No petro odor
	18	5,8	12	Tan sandy silt/clay with gravel	ML/CL									
MW-6-4 (16 feet)	24	5,12	15					2.1		W				No petro odor
	15,21		16	Tan sandy silt/clay with gravel	ML/CL									
			18	EOB at 16 feet bgs. Monitoring well MW-6 was installed 14 feet with a 10 foot screen.										
			21											
			24											
			27											

I hereby certify that the information on this form is true and correct to the best of my knowledge

Signature:

Firm: **METCO**

Facility/Project Name Mr. P's Tires (Former)	Local Grid Location of Well _____ ft. <input type="checkbox"/> N. _____ ft. <input type="checkbox"/> E. _____ ft. <input type="checkbox"/> S. _____ ft. <input type="checkbox"/> W.	Well Name TW-10
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: IX) or Well Location IX Lat. 43° 2' 9" Long. 87° 56' 53" or	Wis. Unique Well No. DNR Well ID No. VR641
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed <u>2</u> / <u>4</u> / <u>017</u> m m d d y y y y
Type of Well Well Code <u>99</u> / <u>Ot</u>	Section Location of Waste/Source NE 1/4 of SE 1/4 of Sec. 25, T. 7 N, R. 21 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm Darrin Prentice Geiss Soil & Samples, LLC
Distance from Waste/Source _____ ft.	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	
Enf. Stds. Apply <input type="checkbox"/>	Gov. Lot Number	

- A. Protective pipe, top elevation _____ ft. MSL
- B. Well casing, top elevation _____ ft. MSL
- C. Land surface elevation _____ ft. MSL
- D. Surface seal, bottom _____ ft. MSL or _____ ft.

12. USCS classification of soil near screen:
 GP GM GC GW SW SP
 SM SC ML MH CL CH
 Bedrock

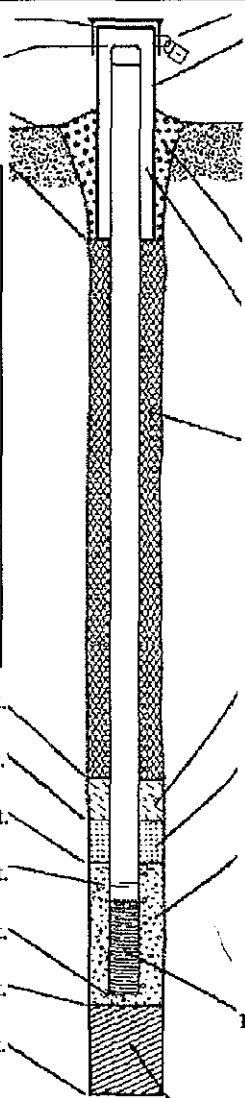
13. Sieve analysis performed? Yes No

14. Drilling method used: Rotary 50
 Hollow Stem Auger 41
 Geoprobe _____ Other

15. Drilling fluid used: Water 02 Air 01
 Drilling Mud 03 None 99

16. Drilling additives used? Yes No
 Describe _____

17. Source of water (attach analysis, if required):



- 1. Cap and lock? Yes No
- 2. Protective cover pipe:
 - a. Inside diameter: _____ in.
 - b. Length: _____ ft.
 - c. Material: Steel 04
Other
 - d. Additional protection? Yes No
If yes, describe: _____
- 3. Surface seal: Bentonite 30
Concrete 01
Other
- 4. Material between well casing and protective pipe: Bentonite 30
Other
- 5. Annular space seal:
 - a. Granular/Chipped Bentonite 33
 - b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry 35
 - c. _____ Lbs/gal mud weight Bentonite slurry 31
 - d. _____ % Bentonite Bentonite-cement grout 50
 - e. _____ Ft³ volume added for any of the above
 - f. How installed: Tremie 01
Tremie pumped 02
Gravity 08
- 6. Bentonite seal:
 - a. Bentonite granules 33
 - b. 1/4 in. 3/8 in. 1/2 in. Bentonite chips 32
 - c. _____ Other
- 7. Fine sand material: Manufacturer, product name & mesh size
 a. _____
 b. Volume added _____ ft³
- 8. Filter pack material: Manufacturer, product name & mesh size
 a. Red Flint #40
 b. Volume added _____ ft³
- 9. Well casing: Flush threaded PVC schedule 40 23
 Flush threaded PVC schedule 80 24
 Other
- 10. Screen material:
 - a. Screen type: Factory cut 11
Continuous slot 01
Other
 - b. Manufacturer Timco
 - c. Slot size: 0.01 in.
 - d. Slotted length: 10 ft.
- 11. Backfill material (below filter pack): None 14
Other

- E. Bentonite seal, top _____ ft. MSL or 0.5 ft.
- F. Fine sand, top _____ ft. MSL or _____ ft.
- G. Filter pack, top _____ ft. MSL or 7 ft.
- H. Screen joint, top _____ ft. MSL or 8 ft.
- I. Well bottom _____ ft. MSL or 18 ft.
- J. Filter pack, bottom _____ ft. MSL or 18 ft.
- K. Borehole, bottom _____ ft. MSL or 18 ft.
- L. Borehole, diameter 2 in.
- M. O.D. well casing 1.25 in.
- N. I.D. well casing 1 in.

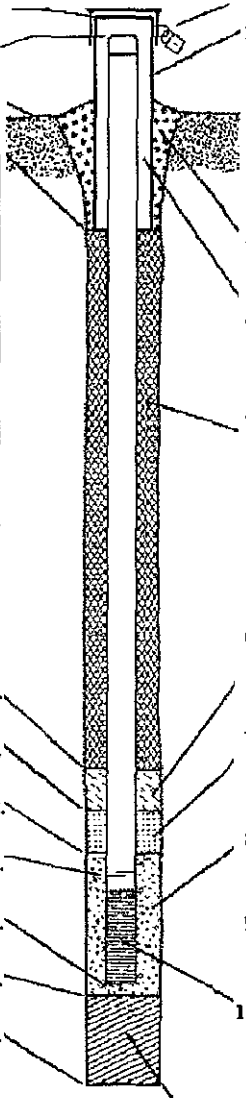
I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [Signature]

Firm METCO

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Facility/Project Name Mr. P's Tires (Former)	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. ft. <input type="checkbox"/> S. <input type="checkbox"/> W.	Well Name TW-11
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input checked="" type="checkbox"/>) or Well Location <input checked="" type="checkbox"/> Lat. 43° 2' 9" Long. 87° 56' 53" or	Wis. Unique Well No. <u>VR642</u> DNR Well ID No. _____
Facility ID	St. Plane _____ ft. N. _____ ft. E. S/C/N	Date Well Installed <u>2/4/017</u> m m d d y y y y
Type of Well Well Code <u>99 / Ot</u>	Section Location of Waste/Source <u>NE 1/4 of SE 1/4 of Sec. 25, T. 7 N, R. 21</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm <u>Darrin Prentice</u> <u>Geiss Soil & Samples, LLC</u>
Distance from Waste/Source _____ ft.	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	
Enf. Stds. Apply <input type="checkbox"/>	Gov. Lot Number _____	

<p>A. Protective pipe, top elevation _____ ft. MSL</p> <p>B. Well casing, top elevation _____ ft. MSL</p> <p>C. Land surface elevation _____ ft. MSL</p> <p>D. Surface seal, bottom _____ ft. MSL or _____ ft.</p> <div style="border: 1px solid black; padding: 5px;"> <p>12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input checked="" type="checkbox"/> MH <input type="checkbox"/> CL <input checked="" type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/></p> <p>13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 Geoprobe _____ Other <input checked="" type="checkbox"/></p> <p>15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99</p> <p>16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____</p> <p>17. Source of water (attach analysis, if required): _____</p> </div> <p>E. Bentonite seal, top _____ ft. MSL or <u>0.5</u> ft.</p> <p>F. Fine sand, top _____ ft. MSL or _____ ft.</p> <p>G. Filter pack, top _____ ft. MSL or <u>7</u> ft.</p> <p>H. Screen joint, top _____ ft. MSL or <u>8</u> ft.</p> <p>I. Well bottom _____ ft. MSL or <u>18</u> ft.</p> <p>J. Filter pack, bottom _____ ft. MSL or <u>18</u> ft.</p> <p>K. Borehole, bottom _____ ft. MSL or <u>18</u> ft.</p> <p>L. Borehole, diameter <u>2</u> in.</p> <p>M. O.D. well casing <u>1.25</u> in.</p> <p>N. I.D. well casing <u>1</u> in.</p>	 <p>1. Cap and lock? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>2. Protective cover pipe: a. Inside diameter: _____ in. b. Length: _____ ft. c. Material: Steel <input type="checkbox"/> 04 Other <input type="checkbox"/></p> <p>d. Additional protection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: _____</p> <p>3. Surface seal: Bentonite <input checked="" type="checkbox"/> 30 Concrete <input type="checkbox"/> 01 Other <input type="checkbox"/></p> <p>4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/></p> <p>5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight . . . Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input type="checkbox"/> 08</p> <p>6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. _____ Other <input type="checkbox"/></p> <p>7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft³</p> <p>8. Filter pack material: Manufacturer, product name & mesh size a. <u>Red Flint #40</u> b. Volume added _____ ft³</p> <p>9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/></p> <p>10. Screen material: a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/></p> <p>b. Manufacturer <u>Timco</u> c. Slot size: <u>0.01</u> in. d. Slotted length: <u>10</u> ft.</p> <p>11. Backfill material (below filter pack): None <input type="checkbox"/> 14 Other <input type="checkbox"/></p>
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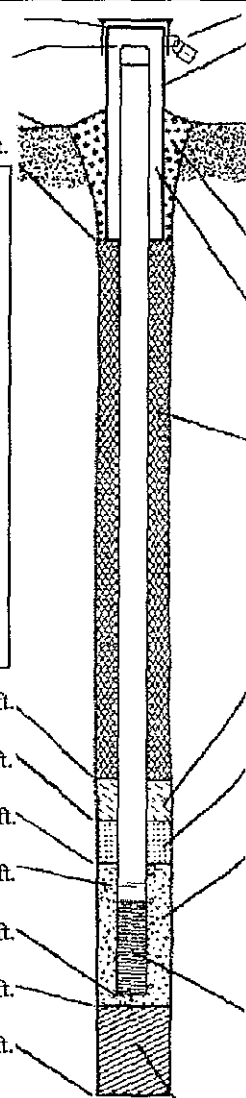
I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [Signature]

Firm METCO

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Facility/Project Name Mr. P's Tires (Former)		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. ft. <input type="checkbox"/> S. <input type="checkbox"/> W.		Well Name TW-12	
Facility License, Permit or Monitoring No.		Local Grid Origin <input type="checkbox"/> (estimated: <input checked="" type="checkbox"/>) or Well Location <input checked="" type="checkbox"/> Lat. 43° 2' 9" Long. 87° 56' 53" or		Wis. Unique Well No. DNR Well ID No. VR643	
Facility ID		St. Plane _____ ft. N, _____ ft. E. S/C/N		Date Well Installed: <u>2/4/01</u> m m d d y y y y	
Type of Well Well Code <u>99 / Ot</u>		Section Location of Waste/Source NE 1/4 of SE 1/4 of Sec. 25, T. 7 N, R. 21 <input checked="" type="checkbox"/> E <input type="checkbox"/> W		Well Installed By: Name (first, last) and Firm Darrin Prentice Geiss Soil & Samples, LLC	
Distance from Waste/Source _____ ft.		Enf. Stds. Apply <input type="checkbox"/>		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	

<p>A. Protective pipe, top elevation _____ ft. MSL</p> <p>B. Well casing, top elevation _____ ft. MSL</p> <p>C. Land surface elevation _____ ft. MSL</p> <p>D. Surface seal, bottom _____ ft. MSL or _____ ft.</p> <div style="border: 1px solid black; padding: 5px;"> <p>12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input checked="" type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/></p> <p>13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 Geoprobe _____ Other <input checked="" type="checkbox"/></p> <p>15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99</p> <p>16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____</p> <p>17. Source of water (attach analysis, if required): _____</p> </div> <p>E. Bentonite seal, top _____ ft. MSL or <u>0.5</u> ft.</p> <p>F. Fine sand, top _____ ft. MSL or _____ ft.</p> <p>G. Filter pack, top _____ ft. MSL or <u>7</u> ft.</p> <p>H. Screen joint, top _____ ft. MSL or <u>8</u> ft.</p> <p>I. Well bottom _____ ft. MSL or <u>18</u> ft.</p> <p>J. Filter pack, bottom _____ ft. MSL or <u>18</u> ft.</p> <p>K. Borehole, bottom _____ ft. MSL or <u>18</u> ft.</p> <p>L. Borehole, diameter <u>2</u> in.</p> <p>M. O.D. well casing <u>1.25</u> in.</p> <p>N. I.D. well casing <u>1</u> in.</p>	 <p>1. Cap and lock? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>2. Protective cover pipe: a. Inside diameter: _____ in. b. Length: _____ ft. c. Material: Steel <input type="checkbox"/> 04 Other <input type="checkbox"/></p> <p>d. Additional protection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: _____</p> <p>3. Surface seal: Bentonite <input checked="" type="checkbox"/> 30 Concrete <input type="checkbox"/> 01 Other <input type="checkbox"/></p> <p>4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/></p> <p>5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight . . . Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input type="checkbox"/> 08</p> <p>6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. _____ Other <input type="checkbox"/></p> <p>7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft³</p> <p>8. Filter pack material: Manufacturer, product name & mesh size a. Red Flint #40 b. Volume added _____ ft³</p> <p>9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/></p> <p>10. Screen material: a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/></p> <p>b. Manufacturer <u>Timco</u> c. Slot size: <u>0.01</u> in. d. Slotted length: <u>10</u> ft.</p> <p>11. Backfill material (below filter pack): None <input type="checkbox"/> 14 Other <input type="checkbox"/></p>
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I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [Signature] Firm METCO

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Facility/Project Name Mr. P's Tire	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name MW-1
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or _____ " or _____ "	Wis. Unique Well No. VR 682 DNR Well ID No. _____
Facility ID	St. Plane _____ ft. N. _____ ft. E. S/C/N	Date Well Installed 07 / 17 / 2017 m m d d y y y y
Type of Well Well Code 11 / MW	Section Location of Waste/Source 1/4 of _____ 1/4 of Sec. _____ T. _____ N. R. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Installed By: Name (first, last) and Firm Robert Rector
Distance from Waste/Source _____ ft.	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Soils & Engineering Services

A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: _____ in. 8.0
C. Land surface elevation _____ ft. MSL	b. Length: _____ ft. 1.0
D. Surface seal, bottom _____ ft. MSL or 1.0 ft.	c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input checked="" type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/>
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	5. Annular space seal: a. Granular/Chipped Bentonite <input type="checkbox"/> 33 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight . . . Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft ³ volume added for any of the above
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input type="checkbox"/> 08
Describe _____	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
17. Source of water (attach analysis, if required): _____	7. Fine sand material: Manufacturer, product name & mesh size a. Red Flint #15
E. Bentonite seal, top _____ ft. MSL or 1.0 ft.	b. Volume added 0.14 ft ³
F. Fine sand, top _____ ft. MSL or 3.0 ft.	8. Filter pack material: Manufacturer, product name & mesh size a. Red Flint #40
G. Filter pack, top _____ ft. MSL or 3.5 ft.	b. Volume added 3.0 ft ³
H. Screen joint, top _____ ft. MSL or 4.0 ft.	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
I. Well bottom _____ ft. MSL or 14.0 ft.	10. Screen material: Sch. 40 PVC
J. Filter pack, bottom _____ ft. MSL or 15.0 ft.	a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
K. Borehole, bottom _____ ft. MSL or 15.0 ft.	b. Manufacturer Johnson
L. Borehole, diameter 7.6 in.	c. Slot size: 0.010 in.
M. O.D. well casing 2.38 in.	d. Slotted length: 10.0 ft.
N. I.D. well casing 2.04 in.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Steve Pruch* Firm Soils & Engineering Services, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Facility/Project Name Mr. P's Tire	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. <input type="checkbox"/> S. <input type="checkbox"/> W.	Well Name MW-2
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or _____	Wis. Unique Well No. VR 683 DNR Well ID No. _____
Facility ID	St. Plane _____ ft. N. _____ ft. E. S/C/N	Date Well Installed 07 / 17 / 2017 m m d d y y y y
Type of Well Well Code 11 / MW	Section Location of Waste/Source 1/4 of _____ 1/4 of Sec. _____ T. _____ N, R. _____ <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Installed By: Name (first, last) and Firm Robert Rector
Distance from Waste/Source _____ ft.	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Soils & Engineering Services

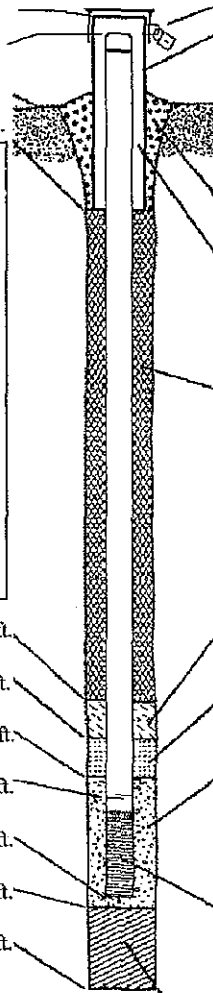
A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: _____ 8.0 in. b. Length: _____ 1.0 ft. c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
C. Land surface elevation _____ ft. MSL	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom _____ ft. MSL or _____ 1.0 ft.	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input checked="" type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/>
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Annular space seal: a. Granular/Chipped Bentonite <input type="checkbox"/> 33 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight . . . Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft ³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input type="checkbox"/> 08
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/>	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	7. Fine sand material: Manufacturer, product name & mesh size a. Red Flint #15 b. Volume added 0.14 ft ³
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	8. Filter pack material: Manufacturer, product name & mesh size a. Red Flint #40 b. Volume added 4.1 ft ³
Describe _____	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
17. Source of water (attach analysis, if required): _____	10. Screen material: Sch. 40 PVC a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
E. Bentonite seal, top _____ ft. MSL or _____ 1.0 ft.	b. Manufacturer Johnson c. Slot size: _____ 0.010 in. d. Slotted length: _____ 10.0 ft.
F. Fine sand, top _____ ft. MSL or _____ 3.0 ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
G. Filter pack, top _____ ft. MSL or _____ 3.5 ft.	
H. Screen joint, top _____ ft. MSL or _____ 4.0 ft.	
I. Well bottom _____ ft. MSL or _____ 14.0 ft.	
J. Filter pack, bottom _____ ft. MSL or _____ 18.0 ft.	
K. Borehole, bottom _____ ft. MSL or _____ 18.0 ft.	
L. Borehole, diameter _____ 7.6 in.	
M. O.D. well casing _____ 2.38 in.	
N. I.D. well casing _____ 2.04 in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *John P. Rector* Firm **Soils & Engineering Services, Inc.**

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Facility/Project Name Mr. P's Tire	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name MW-3
Facility License, Permit or Monitoring No.	Local Grid Origin (estimated: <input type="checkbox"/>) or Well Location Lat. _____ " Long. _____ or _____	Wis. Unique Well No. VR 684
Facility ID	St. Plane _____ ft. N. _____ ft. E. S/C/N	DNR Well ID No.
Type of Well Well Code 11 / MW	Section Location of Waste/Source 1/4 of _____ 1/4 of Sec. _____ T. _____ N. R. <input type="checkbox"/> E <input type="checkbox"/> W	Date Well Installed 10 / 17 / 2017 m m d d y y y y
Distance from Waste/Source _____ ft. Apply <input type="checkbox"/>	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Well Installed By: Name (first, last) and Firm Robert Rector Soils & Engineering Services

<p>A. Protective pipe, top elevation _____ ft. MSL</p> <p>B. Well casing, top elevation _____ ft. MSL</p> <p>C. Land surface elevation _____ ft. MSL</p> <p>D. Surface seal, bottom _____ ft. MSL or 1.0 ft.</p> <div style="border: 1px solid black; padding: 5px;"> <p>12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input checked="" type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/></p> <p>13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>14. Drilling method used: Rotary <input type="checkbox"/> 5 0 Hollow Stem Auger <input checked="" type="checkbox"/> 4 1 Other <input type="checkbox"/></p> <p>15. Drilling fluid used: Water <input type="checkbox"/> 0 2 Air <input type="checkbox"/> 0 1 Drilling Mud <input type="checkbox"/> 0 3 None <input checked="" type="checkbox"/> 9 9</p> <p>16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Describe _____</p> <p>17. Source of water (attach analysis, if required): _____</p> </div> <p>E. Bentonite seal, top _____ ft. MSL or 1.0 ft.</p> <p>F. Fine sand, top _____ ft. MSL or 3.0 ft.</p> <p>G. Filter pack, top _____ ft. MSL or 3.5 ft.</p> <p>H. Screen joint, top _____ ft. MSL or 4.0 ft.</p> <p>I. Well bottom _____ ft. MSL or 14.0 ft.</p> <p>J. Filter pack, bottom _____ ft. MSL or 16.0 ft.</p> <p>K. Borehole, bottom _____ ft. MSL or 16.0 ft.</p> <p>L. Borehole, diameter 7.6 in.</p> <p>M. O.D. well casing 2.38 in.</p> <p>N. I.D. well casing 2.04 in.</p>	 <p>1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>2. Protective cover pipe: a. Inside diameter: 8.0 in. b. Length: 1.0 ft. c. Material: Steel <input checked="" type="checkbox"/> 0 4 Other <input type="checkbox"/> d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____</p> <p>3. Surface seal: Bentonite <input type="checkbox"/> 3 0 Concrete <input checked="" type="checkbox"/> 0 1 Other <input type="checkbox"/></p> <p>4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 3 0 Other <input type="checkbox"/></p> <p>5. Annular space seal: a. Granular/Chipped Bentonite <input type="checkbox"/> 3 3 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 3 5 c. _____ Lbs/gal mud weight . . . Bentonite slurry <input type="checkbox"/> 3 1 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 5 0 e. _____ Ft³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 0 1 Tremie pumped <input type="checkbox"/> 0 2 Gravity <input type="checkbox"/> 0 8</p> <p>6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 3 3 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 3 2 c. _____ Other <input type="checkbox"/></p> <p>7. Fine sand material: Manufacturer, product name & mesh size a. Red Flint #15 b. Volume added 0.14 ft³</p> <p>8. Filter pack material: Manufacturer, product name & mesh size a. Red Flint #40 b. Volume added 3.6 ft³</p> <p>9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 2 3 Flush threaded PVC schedule 80 <input type="checkbox"/> 2 4 Other <input type="checkbox"/></p> <p>10. Screen material: Sch. 40 PVC a. Screen type: Factory cut <input checked="" type="checkbox"/> 1 1 Continuous slot <input type="checkbox"/> 0 1 Other <input type="checkbox"/> b. Manufacturer Johnson c. Slot size: 0.010 in. d. Slotted length: 10.0 ft.</p> <p>11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 1 4 Other <input type="checkbox"/></p>
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I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Steve Prichet* Firm Soils & Engineering Services, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Facility/Project Name Mr. P's Tire	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. ft. <input type="checkbox"/> S. <input type="checkbox"/> W.	Well Name MVW-4
Facility License, Permit or Monitoring No.	Local Grid Origin (estimated: <input type="checkbox"/>) or Well Location Lat. " Long. " or " "	Wis. Unique Well No. VR 685 DNR Well ID No.
Facility ID	St. Plane ft. N. ft. E. S/C/N	Date Well Installed 10 / 16 / 2017 m m d d y y v v
Type of Well Well Code 11 / MW	Section Location of Waste/Source 1/4 of 1/4 of Sec. T. N, R. <input type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm Robert Rector
Distance from Waste/Source ft. <input type="checkbox"/> Enf. Stds. Apply <input type="checkbox"/>	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Soils & Engineering Services

A. Protective pipe, top elevation ----- ft. MSL

B. Well casing, top elevation ----- ft. MSL

C. Land surface elevation ----- ft. MSL

D. Surface seal, bottom ----- ft. MSL or **1.0** ft.

12. USCS classification of soil near screen:
GP GM GC GW SW SP
SM SC ML MH CL CH
Bedrock

13. Sieve analysis performed? Yes No

14. Drilling method used: Rotary 5 0
Hollow Stem Auger 4 1
Other

15. Drilling fluid used: Water 0 2 Air 0 1
Drilling Mud 0 3 None 9 9

16. Drilling additives used? Yes No
Describe _____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top ----- ft. MSL or **1.0** ft.

F. Fine sand, top ----- ft. MSL or **3.0** ft.

G. Filter pack, top ----- ft. MSL or **3.5** ft.

H. Screen joint, top ----- ft. MSL or **4.0** ft.

I. Well bottom ----- ft. MSL or **14.0** ft.

J. Filter pack, bottom ----- ft. MSL or **16.0** ft.

K. Borehole, bottom ----- ft. MSL or **16.0** ft.

L. Borehole, diameter **7.6** in.

M. O.D. well casing **2.38** in.

N. I.D. well casing **2.04** in.

1. Cap and lock? Yes No

2. Protective cover pipe:
a. Inside diameter: **8.0** in.
b. Length: **1.0** ft.
c. Material: Steel 0 4
Other

d. Additional protection? Yes No
If yes, describe: _____

3. Surface seal: Bentonite 3 0
Concrete 0 1
Other

4. Material between well casing and protective pipe:
Bentonite 3 0
Other

5. Annular space seal: a. Granular/Chipped Bentonite 3 3
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry 3 5
c. _____ Lbs/gal mud weight . . . Bentonite slurry 3 1
d. _____ % Bentonite Bentonite-cement grout 5 0
e. _____ Ft³ volume added for any of the above
f. How installed: Tremie 0 1
Tremie pumped 0 2
Gravity 0 8

6. Bentonite seal: a. Bentonite granules 3 3
b. 1/4 in. 3/8 in. 1/2 in. Bentonite chips 3 2
c. _____ Other

7. Fine sand material: Manufacturer, product name & mesh size
a. **Red Flint #15**
b. Volume added **0.14** ft³

8. Filter pack material: Manufacturer, product name & mesh size
a. **Red Flint #40**
b. Volume added **3.6** ft³

9. Well casing: Flush threaded PVC schedule 40 2 3
Flush threaded PVC schedule 80 2 4
Other

10. Screen material: **Sch. 40 PVC**
a. Screen type: Factory cut 1 1
Continuous slot 0 1
Other

b. Manufacturer **Johnson**
c. Slot size: **0.010** in.
d. Slotted length: **10.0** ft.

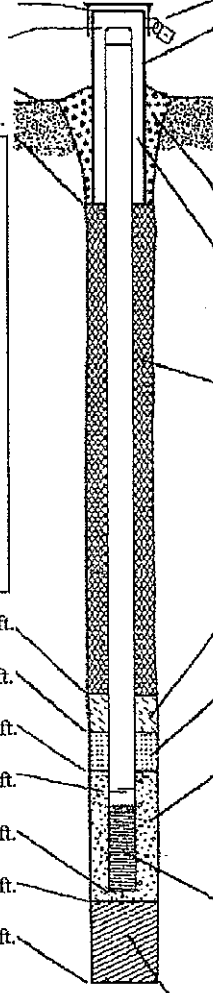
11. Backfill material (below filter pack): None 1 4
Other

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Steve Bruchel* Firm **Soils & Engineering Services, Inc.**

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Facility/Project Name Mr. P's Tire	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. ft. <input type="checkbox"/> S. <input type="checkbox"/> W.	Well Name MW-5
Facility License, Permit or Monitoring No.	Local Grid Origin (estimated: <input type="checkbox"/>) or Well Location Lat. " Long. " or " or "	Wis. Unique Well No. VR 680 DNR Well ID No.
Facility ID	St. Plane ft. N. ft. E. S/C/N	Date Well Installed 10 / 16 / 2017 m m d d y y v v y
Type of Well Well Code 11 / MW	Section Location of Waste/Source 1/4 of 1/4 of Sec. T. N, R. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Installed By: Name (first, last) and Firm Robert Rector
Distance from Waste/Source ft. <input type="checkbox"/> Apply <input type="checkbox"/>	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Soils & Engineering Services

<p>A. Protective pipe, top elevation ----- ft. MSL</p> <p>B. Well casing, top elevation ----- ft. MSL</p> <p>C. Land surface elevation ----- ft. MSL</p> <p>D. Surface seal, bottom ----- ft. MSL or <u>1.0</u> ft.</p> <div style="border: 1px solid black; padding: 5px;"> <p>12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input checked="" type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/></p> <p>13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>14. Drilling method used: Rotary <input type="checkbox"/> 5 0 Hollow Stem Auger <input checked="" type="checkbox"/> 4 1 Other <input type="checkbox"/></p> <p>15. Drilling fluid used: Water <input type="checkbox"/> 0 2 Air <input type="checkbox"/> 0 1 Drilling Mud <input type="checkbox"/> 0 3 None <input checked="" type="checkbox"/> 9 9</p> <p>16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____</p> <p>17. Source of water (attach analysis, if required): _____</p> </div> <p>E. Bentonite seal, top ----- ft. MSL or <u>1.0</u> ft.</p> <p>F. Fine sand, top ----- ft. MSL or <u>3.0</u> ft.</p> <p>G. Filter pack, top ----- ft. MSL or <u>3.5</u> ft.</p> <p>H. Screen joint, top ----- ft. MSL or <u>4.0</u> ft.</p> <p>I. Well bottom ----- ft. MSL or <u>14.0</u> ft.</p> <p>J. Filter pack, bottom ----- ft. MSL or <u>16.0</u> ft.</p> <p>K. Borehole, bottom ----- ft. MSL or <u>16.0</u> ft.</p> <p>L. Borehole, diameter <u>7.6</u> in.</p> <p>M. O.D. well casing <u>2.38</u> in.</p> <p>N. I.D. well casing <u>2.04</u> in.</p>	 <p>1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>2. Protective cover pipe: a. Inside diameter: <u>8.0</u> in. b. Length: <u>1.0</u> ft. c. Material: Steel <input checked="" type="checkbox"/> 0 4 Other <input type="checkbox"/></p> <p>d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____</p> <p>3. Surface seal: Bentonite <input type="checkbox"/> 3 0 Concrete <input checked="" type="checkbox"/> 0 1 Other <input type="checkbox"/></p> <p>4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 3 0 Other <input type="checkbox"/></p> <p>5. Annular space seal: a. Granular/Chipped Bentonite <input type="checkbox"/> 3 3 b. _____ Lbs/gal mud weight... Bentonite-sand slurry <input type="checkbox"/> 3 5 c. _____ Lbs/gal mud weight... Bentonite slurry <input type="checkbox"/> 3 1 d. _____ % Bentonite... Bentonite-cement grout <input type="checkbox"/> 5 0 e. _____ Ft³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 0 1 Tremie pumped <input type="checkbox"/> 0 2 Gravity <input type="checkbox"/> 0 8</p> <p>6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 3 3 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 3 2 c. _____ Other <input type="checkbox"/></p> <p>7. Fine sand material: Manufacturer, product name & mesh size a. <u>Red Flint #15</u> b. Volume added <u>0.14</u> ft³</p> <p>8. Filter pack material: Manufacturer, product name & mesh size a. <u>Red Flint #40</u> b. Volume added <u>3.6</u> ft³</p> <p>9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 2 3 Flush threaded PVC schedule 80 <input type="checkbox"/> 2 4 Other <input type="checkbox"/></p> <p>10. Screen material: <u>Sch. 40 PVC</u> a. Screen type: Factory cut <input checked="" type="checkbox"/> 1 1 Continuous slot <input type="checkbox"/> 0 1 Other <input type="checkbox"/></p> <p>b. Manufacturer <u>Johnson</u> c. Slot size: <u>0.010</u> in. d. Slotted length: <u>10.0</u> ft.</p> <p>11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 1 4 Other <input type="checkbox"/></p>
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I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Sam Probst* Firm Soils & Engineering Services, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Facility/Project Name Mr. P's Tire	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name MV-6
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. " Long. " or " or "	Wis. Unique Well No. VR 687 DNR Well ID No.
Facility ID	St. Plane ft. N. ft. E. S/C/N	Date Well Installed 10 / 16 / 2017 m m d d y y y y
Type of Well Well Code 11 / MW	Section Location of Waste/Source 1/4 of 1/4 of Sec. T. N. R. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Installed By: Name (first, last) and Firm Robert Rector
Distance from Waste/Source ft. <input type="checkbox"/> Enf. Stds. Apply <input type="checkbox"/>	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Soils & Engineering Services

A. Protective pipe, top elevation ----- ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation ----- ft. MSL	2. Protective cover pipe: a. Inside diameter: 8.0 in. b. Length: 1.0 ft. c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
C. Land surface elevation ----- ft. MSL	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom ----- ft. MSL or 1.5 ft.	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input checked="" type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/>
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Annular space seal: a. Granular/Chipped Bentonite <input type="checkbox"/> 33 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight ... Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft ³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input type="checkbox"/> 08
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/>	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. Other <input type="checkbox"/>
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	7. Fine sand material: Manufacturer, product name & mesh size a. Red Flint #15 b. Volume added 0.14 ft ³
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____	8. Filter pack material: Manufacturer, product name & mesh size a. Red Flint #40 b. Volume added 3.6 ft ³
17. Source of water (attach analysis, if required): _____	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
E. Bentonite seal, top ----- ft. MSL or 1.5 ft.	10. Screen material: Sch. 40 PVC a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
F. Fine sand, top ----- ft. MSL or 3.0 ft.	b. Manufacturer Johnson c. Slot size: 0.010 in. d. Slotted length: 10.0 ft.
G. Filter pack, top ----- ft. MSL or 3.5 ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
H. Screen joint, top ----- ft. MSL or 4.0 ft.	
I. Well bottom ----- ft. MSL or 14.0 ft.	
J. Filter pack, bottom ----- ft. MSL or 16.0 ft.	
K. Borehole, bottom ----- ft. MSL or 16.0 ft.	
L. Borehole, diameter 7.6 in.	
M. O.D. well casing 2.38 in.	
N. I.D. well casing 2.04 in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *[Signature]*

Firm
Soils & Engineering Services, Inc.


Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Mr. P's Tires (former)	County Name MILWAUKEE	Well Name MW-6
Facility License, Permit or Monitoring Number 341261030	County Code 41	Wis. Unique Well Number VR687
		DNR Well ID Number

1. Can this well be purged dry? Yes No

2. Well development method

surged with bailer and bailed	<input checked="" type="checkbox"/> 4 1
surged with bailer and pumped	<input type="checkbox"/> 6 1
surged with block and bailed	<input type="checkbox"/> 4 2
surged with block and pumped	<input type="checkbox"/> 6 2
surged with block, bailed and pumped	<input type="checkbox"/> 7 0
compressed air	<input type="checkbox"/> 2 0
bailed only	<input type="checkbox"/> 1 0
pumped only	<input type="checkbox"/> 5 1
pumped slowly	<input type="checkbox"/> 5 0
Other _____	<input type="checkbox"/> 

3. Time spent developing well 30 min.

4. Depth of well (from top of well casing) 14 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 12 gal.

7. Volume of water removed from well 20 gal.

8. Volume of water added (if any) _____ gal.

9. Source of water added _____

10. Analysis performed on water added? Yes No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. <u>3.05</u> ft.	<u>3.15</u> ft.
Date	b. <u>10 / 17 / 2017</u>	<u>11 / 7 / 017</u>
Time	c. <u>01 : 25</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	<u>01 : 55</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
12. Sediment in well bottom	_____ inches	_____ inches
13. Water clarity	Clear <input type="checkbox"/> 1 0 Turbid <input checked="" type="checkbox"/> 1 5 (Describe) _____ Tan _____	Clear <input checked="" type="checkbox"/> 2 0 Turbid <input type="checkbox"/> 2 5 (Describe) _____ Clear _____
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l
16. Well developed by: Name (first, last) and Firm		
First Name:	Eric	Last Name: Dahl
Firm:	METCO	

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party

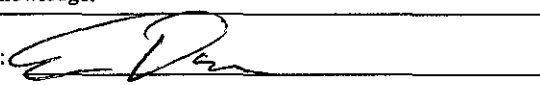
First Name: Mark Last Name: Pachefsky

Facility/Firm: Responsible Party

Street: 4475 Club Drive

City/State/Zip: Slinger WI 53086-

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: 

Print Name: Eric Dahl

Firm: METCO

NOTE: See instructions for more information including a list of county codes and well type codes.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Mr. P's Tires (former)	County Name MILWAUKEE	Well Name MW-5
Facility License, Permit or Monitoring Number 341261030	County Code 41	Wis. Unique Well Number VR686
		DNR Well ID Number _____

1. Can this well be purged dry? Yes No

2. Well development method
- surged with bailer and bailed 4 1
 - surged with bailer and pumped 6 1
 - surged with block and bailed 4 2
 - surged with block and pumped 6 2
 - surged with block, bailed and pumped 7 0
 - compressed air 2 0
 - bailed only 1 0
 - pumped only 5 1
 - pumped slowly 5 0
 - Other _____

3. Time spent developing well 125 min.

4. Depth of well (from top of well casing) 14 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 11.4 gal.

7. Volume of water removed from well 65 gal.

8. Volume of water added (if any) _____ gal.

9. Source of water added _____

10. Analysis performed on water added? Yes No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. <u>3.62</u> ft.	<u>3.71</u> ft.
Date	b. <u>10 / 17 / 2017</u>	<u>11 / 7 / 017</u>
	m m d d y y y y	m m d d y y y y
Time	c. <u>08 : 40</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>10 : 45</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.

12. Sediment in well bottom _____ inches

13. Water clarity

Clear <input type="checkbox"/> 1 0	Clear <input checked="" type="checkbox"/> 2 0
Turbid <input checked="" type="checkbox"/> 1 5	Turbid <input type="checkbox"/> 2 5
(Describe) _____	(Describe) _____
Tan _____	Clear _____

High turbidity _____ Low turbidity _____

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids _____ mg/l _____ mg/l

15. COD _____ mg/l _____ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Eric Last Name: Dahl
Firm: METCO

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party

First Name: Mark Last Name: Pachefsky

Facility/Firm: Responsible Party

Street: 4475 Club Drive

City/State/Zip: Slinger WI 53086-

I hereby certify that the above information is true and correct to the best of my knowledge.

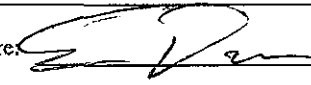
Signature: 

Print Name: Eric Dahl

Firm: METCO

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Mr. P's Tires (former)	County Name MILWAUKEE	Well Name MW-4																								
Facility License, Permit or Monitoring Number 341261030	County Code 41	Wis. Unique Well Number VR685																								
1. Can this well be purged dry? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 2. Well development method surged with bailer and bailed <input checked="" type="checkbox"/> 41 surged with bailer and pumped <input type="checkbox"/> 61 surged with block and bailed <input type="checkbox"/> 42 surged with block and pumped <input type="checkbox"/> 62 surged with block, bailed and pumped <input type="checkbox"/> 70 compressed air <input type="checkbox"/> 20 bailed only <input type="checkbox"/> 10 pumped only <input type="checkbox"/> 51 pumped slowly <input type="checkbox"/> 50 Other <input type="checkbox"/>		<table style="width:100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align:center;"><u>Before Development</u></td> <td style="text-align:center;"><u>After Development</u></td> </tr> <tr> <td>11. Depth to Water (from top of well casing)</td> <td>a. 8.65 ft.</td> <td>13.18 ft.</td> </tr> <tr> <td>Date</td> <td>b. 10 / 17 / 2017</td> <td>11 / 7 / 017</td> </tr> <tr> <td></td> <td style="text-align:center;">m m d d y y y y</td> <td style="text-align:center;">m m d d y y y y</td> </tr> <tr> <td>Time</td> <td>c. 11 : 30 <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.</td> <td>12 : 00 <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.</td> </tr> <tr> <td>12. Sediment in well bottom</td> <td>_____ inches</td> <td>_____ inches</td> </tr> <tr> <td>13. Water clarity</td> <td>Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) Tan _____</td> <td>Clear <input checked="" type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe) Light Tan _____</td> </tr> <tr> <td></td> <td style="text-align:center;">Low Turbidity</td> <td style="text-align:center;">Low Turbidity</td> </tr> </table>		<u>Before Development</u>	<u>After Development</u>	11. Depth to Water (from top of well casing)	a. 8.65 ft.	13.18 ft.	Date	b. 10 / 17 / 2017	11 / 7 / 017		m m d d y y y y	m m d d y y y y	Time	c. 11 : 30 <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	12 : 00 <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	12. Sediment in well bottom	_____ inches	_____ inches	13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) Tan _____	Clear <input checked="" type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe) Light Tan _____		Low Turbidity	Low Turbidity
	<u>Before Development</u>	<u>After Development</u>																								
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Time	c. 11 : 30 <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	12 : 00 <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.																								
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	Low Turbidity	Low Turbidity																								
3. Time spent developing well	30 min.																									
4. Depth of well (from top of well casing)	14 ft.																									
5. Inside diameter of well	2 in.																									
6. Volume of water in filter pack and well casing	5.8 gal.																									
7. Volume of water removed from well	5 gal.																									
8. Volume of water added (if any)	_____ gal.																									
9. Source of water added	_____																									
10. Analysis performed on water added? (If yes, attach results)	<input type="checkbox"/> Yes <input type="checkbox"/> No																									
17. Additional comments on development:		Fill in if drilling fluids were used and well is at solid waste facility: 14. Total suspended solids _____ mg/l 15. COD _____ mg/l 16. Well developed by: Name (first, last) and Firm First Name: Eric Last Name: Dahl Firm: METCO																								

Name and Address of Facility Contact/Owner/Responsible Party First Name: Mark Last Name: Pachefsky Facility/Firm: Responsible Party Street: 4475 Club Drive City/State/Zip: Slinger WI 53086-	I hereby certify that the above information is true and correct to the best of my knowledge. Signature:  Print Name: Eric Dahl Firm: METCO
---	---


NOTE: See instructions for more information including a list of county codes and well type codes.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Mr. P's Tires (former)	County Name MILWAUKEE	Well Name MW-2																								
Facility License, Permit or Monitoring Number 341261030	County Code 41	Wis. Unique Well Number VR683																								
1. Can this well be purged dry? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 2. Well development method surged with bailer and bailed <input checked="" type="checkbox"/> 4 1 surged with bailer and pumped <input type="checkbox"/> 6 1 surged with block and bailed <input type="checkbox"/> 4 2 surged with block and pumped <input type="checkbox"/> 6 2 surged with block, bailed and pumped <input type="checkbox"/> 7 0 compressed air <input type="checkbox"/> 2 0 bailed only <input type="checkbox"/> 1 0 pumped only <input type="checkbox"/> 5 1 pumped slowly <input type="checkbox"/> 5 0 Other <input type="checkbox"/> 3. Time spent developing well <u>90</u> min. 4. Depth of well (from top of well casing) <u>14</u> ft. 5. Inside diameter of well <u>2</u> in. 6. Volume of water in filter pack and well casing <u>11.4</u> gal. 7. Volume of water removed from well <u>50</u> gal. 8. Volume of water added (if any) _____ gal. 9. Source of water added _____ 10. Analysis performed on water added? <input type="checkbox"/> Yes <input type="checkbox"/> No (If yes, attach results)		<table style="width:100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align:center;"><u>Before Development</u></td> <td style="text-align:center;"><u>After Development</u></td> </tr> <tr> <td>11. Depth to Water (from top of well casing)</td> <td>a. <u>3.6</u> ft.</td> <td><u>3.66</u> ft.</td> </tr> <tr> <td>Date</td> <td>b. <u>10</u> / <u>17</u> / <u>2017</u></td> <td><u>11</u> / <u>7</u> / <u>017</u></td> </tr> <tr> <td></td> <td style="font-size:small;">m m d d y y y y</td> <td style="font-size:small;">m m d d y y y y</td> </tr> <tr> <td>Time</td> <td>c. <u>02</u> : <u>30</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.</td> <td><u>04</u> : <u>00</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.</td> </tr> <tr> <td>12. Sediment in well bottom</td> <td>_____ inches</td> <td>_____ inches</td> </tr> <tr> <td>13. Water clarity</td> <td>Clear <input type="checkbox"/> 1 0 Turbid <input checked="" type="checkbox"/> 1 5 (Describe) <u>Gray</u></td> <td>Clear <input checked="" type="checkbox"/> 2 0 Turbid <input type="checkbox"/> 2 5 (Describe) <u>Clear</u></td> </tr> <tr> <td></td> <td style="text-align:center;"><u>High turbidity</u></td> <td style="text-align:center;"><u>Low turbidity</u></td> </tr> </table> <p>Fill in if drilling fluids were used and well is at solid waste facility:</p> 14. Total suspended solids _____ mg/l _____ mg/l 15. COD _____ mg/l _____ mg/l 16. Well developed by: Name (first, last) and Firm First Name: Eric Last Name: Dahl Firm: METCO		<u>Before Development</u>	<u>After Development</u>	11. Depth to Water (from top of well casing)	a. <u>3.6</u> ft.	<u>3.66</u> ft.	Date	b. <u>10</u> / <u>17</u> / <u>2017</u>	<u>11</u> / <u>7</u> / <u>017</u>		m m d d y y y y	m m d d y y y y	Time	c. <u>02</u> : <u>30</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	<u>04</u> : <u>00</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	12. Sediment in well bottom	_____ inches	_____ inches	13. Water clarity	Clear <input type="checkbox"/> 1 0 Turbid <input checked="" type="checkbox"/> 1 5 (Describe) <u>Gray</u>	Clear <input checked="" type="checkbox"/> 2 0 Turbid <input type="checkbox"/> 2 5 (Describe) <u>Clear</u>		<u>High turbidity</u>	<u>Low turbidity</u>
	<u>Before Development</u>	<u>After Development</u>																								
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	m m d d y y y y	m m d d y y y y																								
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	<u>High turbidity</u>	<u>Low turbidity</u>																								
17. Additional comments on development:																										

Name and Address of Facility Contact/Owner/Responsible Party
 First Name: Mark Last Name: Pachefsky
 Facility/Firm: Responsible Party
 Street: 4475 Club Drive
 City/State/Zip: Slinger WI 53086-

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: 

Print Name: Eric Dahl
 Firm: METCO

NOTE: See instructions for more information including a list of county codes and well type codes.

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to:
 Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information				2. Facility / Owner Information			
County MILWAUKEE		WI Unique Well # of Removed Well VR641		Facility Name Mr. P's Tires (former)		Facility ID (FID or PWS) 341261030	
Latitude / Longitude (Degrees and Minutes) 43 ° 2.16 ' N		Method Code (see instructions)		License/Permit/Monitoring #			
87 ° 56.89 ' W				Original Well Owner Mark Pachefsky			
¼ ¼ NE ¼ SE		Section 25		Township 7 N		Range 21 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	
or Gov't Lot #				Present Well Owner Mark Pachefsky			
Well Street Address 2705 Clybourn Street				Mailing Address of Present Owner 4475 Club Drive			
Well City, Village or Town Milwaukee				Well ZIP Code 53208-			
Subdivision Name				City of Present Owner Slinger		State WI	
						ZIP Code 53086-	

Reason For Removal From Service Sampling Complete		WI Unique Well # of Replacement Well		4. Pump, Liner, Screen, Casing & Sealing Material			
				Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
				Liner(s) removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
				Screen removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
				Casing left in place?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
				Was casing cut off below surface?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
				Did sealing material rise to surface?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
				Did material settle after 24 hours?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
				If yes, was hole retopped?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
				If bentonite chips were used, were they hydrated with water from a known safe source?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

3. Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material			
<input checked="" type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) 2/13/2017		Required Method of Placing Sealing Material			
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
<input type="checkbox"/> Borehole / Drillhole				<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): Gravity			
Construction Type:				Sealing Materials			
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)			
<input checked="" type="checkbox"/> Other (specify): Geoprobe				<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " "			
Formation Type:				<input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Chips			
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				For Monitoring Wells and Monitoring Well Boreholes Only:			
Total Well Depth From Ground Surface (ft.) 18		Casing Diameter (in.) 1.25		<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout			
Lower Drillhole Diameter (in.) 2		Casing Depth (ft.) 8		<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			
Was well annular space grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown							
If yes, to what depth (feet)?		Depth to Water (feet) 3.97					

5. Material Used To Fill Well / Drillhole			
	From (ft.)	To (ft.)	Pounds
Bentonite Chips	Surface	18	9

6. Comments
Temporary Well TW-10 (G-10)

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Bryce Kujawa (METCO)		License #	Date of Filling & Sealing (mm/dd/yyyy) 10/30/2017	Date Received	Noted By
Street or Route Gillette Street		Telephone Number (608) 781-8879		Comments	
City La Crosse	State WI	ZIP Code 54603-	Signature of Person Doing Work <i>Bryce Kujawa</i>	Date Signed 10/31/17	

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to:

Drinking Water Watershed/Wastewater Remediation/Redevelopment

Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

County MILWAUKEE		WI Unique Well # of Removed Well VR642		Hicap #		Facility Name Mr. P's Tires (former)		
Latitude / Longitude (Degrees and Minutes) 43 ° 2.16 ' N		Method Code (see instructions)		Facility ID (FID or PWS) 341261030		License/Permit/Monitoring #		
87 ° 56.89 ' W				Original Well Owner Mark Pachefsky		Present Well Owner Mark Pachefsky		
1/4 NE or Gov't Lot #		Section 25		Township 7 N		Range 21		<input checked="" type="checkbox"/> E <input type="checkbox"/> W
Well Street Address 2705 Clybourn Street		Well City, Village or Town Milwaukee		Well ZIP Code 53208-		Mailing Address of Present Owner 4475 Club Drive		
Subdivision Name		Lot #		City of Present Owner Slinger		State WI	ZIP Code 53086-	

Reason For Removal From Service: **Sampling Complete**

WI Unique Well # of Replacement Well: _____

3. Well / Drillhole / Borehole Information

Monitoring Well Original Construction Date (mm/dd/yyyy)
2/13/2017

Water Well

Borehole / Drillhole If a Well Construction Report is available, please attach.

Construction Type:

Drilled Driven (Sandpoint) Dug

Other (specify): **Geoprobe**

Formation Type:

Unconsolidated Formation Bedrock

Total Well Depth From Ground Surface (ft.) 18	Casing Diameter (in.) 1.25
Lower Drillhole Diameter (in.) 2	Casing Depth (ft.) 8
Was well annular space grouted? If yes, to what depth (feet)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown Depth to Water (feet) 5.26

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed? Yes No N/A

Liner(s) removed? Yes No N/A

Screen removed? Yes No N/A

Casing left in place? Yes No N/A

Was casing cut off below surface? Yes No N/A

Did sealing material rise to surface? Yes No N/A

Did material settle after 24 hours? Yes No N/A

If yes, was hole retopped? Yes No N/A

If bentonite chips were used, were they hydrated with water from a known safe source? Yes No N/A

Required Method of Placing Sealing Material

Conductor Pipe-Gravity Conductor Pipe-Pumped

Screened & Poured (Bentonite Chips) Other (Explain): **Gravity**

Sealing Materials

Neat Cement Grout Clay-Sand Slurry (11 lb./gal. wt.)

Sand-Cement (Concrete) Grout Bentonite-Sand Slurry " "

Concrete Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

Bentonite Chips Bentonite - Cement Grout

Granular Bentonite Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	Pounds
Bentonite Chips	Surface	18	9

6. Comments

Temporary Well TW-11 (G-11)

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Bryce Kujawa (METCO)	License #	Date of Filling & Sealing (mm/dd/yyyy) 10/30/2017	Date Received	Noted By
Street or Route Gillette Street	Telephone Number (608) 781-8879		Comments	
City La Crosse	State WI	ZIP Code 54603-	Signature of Person Doing Work <i>Bryce Kujawa</i>	Date Signed 10/31/17

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to:

Drinking Water Watershed/Wastewater Remediation/Redevelopment

Waste Management Other: _____

1. Well Location Information			2. Facility / Owner Information		
County MILWAUKEE	WI Unique Well # of Removed Well _____ VR643	Hicap # _____	Facility Name Mr. P's Tires (former)		
Latitude / Longitude (Degrees and Minutes) 43 ° 2.16 ' N		Method Code (see instructions) _____	Facility ID (FID or PWS) 341261030		
87 ° 56.89 ' W		_____	License/Permit/Monitoring # _____		
1/4 NE 1/4 SE	Section 25	Township 7 N	Range 21	Original Well Owner Mark Pachefsky	
or Gov't Lot #	_____	_____	<input checked="" type="checkbox"/> E <input type="checkbox"/> W	Present Well Owner Mark Pachefsky	
Well Street Address 2705 Clybourn Street			Mailing Address of Present Owner 4475 Club Drive		
Well City, Village or Town Milwaukee		Well ZIP Code 53208-			
Subdivision Name _____		Lot # _____		City of Present Owner Slinger	State WI
Reason For Removal From Service Sampling Complete		WI Unique Well # of Replacement Well _____			

3. Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material	
<input checked="" type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) 2/13/2017	Pump and piping removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.	Liner(s) removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Borehole / Drillhole		Screen removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Construction Type:		Casing left in place?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)	Was casing cut off below surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<input checked="" type="checkbox"/> Other (specify): Geoprobe	<input type="checkbox"/> Dug	Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Formation Type:		Did material settle after 24 hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock	If yes, was hole retopped?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Total Well Depth From Ground Surface (ft.) 18	Casing Diameter (in.) 1.25	If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Lower Drillhole Diameter (in.) 2	Casing Depth (ft.) 8	Required Method of Placing Sealing Material	
Was well annular space grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Depth to Water (feet) 4.06	<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
If yes, to what depth (feet)?	_____	<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): Gravity	
5. Material Used To Fill Well / Drillhole		Sealing Materials	
Bentonite Chips	From (ft.) Surface	To (ft.) 18	Pounds 9
		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)	
		<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " "	
		<input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Chips	
		For Monitoring Wells and Monitoring Well Boreholes Only:	
		<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout	
		<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	Pounds
Bentonite Chips	Surface	18	9

6. Comments
Temporary Well TW-12 (G-12)

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Bryce Kujawa (METCO)	License # _____	Date of Filling & Sealing (mm/dd/yyyy) 10/30/2017	Date Received _____	Noted By _____	
Street or Route Gillette Street		Telephone Number (608) 781-8879	Comments _____		
City La Crosse	State WI	ZIP Code 54603-	Signature of Person Doing Work <i>Bryce Kujawa</i>	Date Signed 10/31/17	

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Verification Only of Fill and Seal

Route to:
 Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

County MILWAUKEE	WI Unique Well # of Removed Well _____	Hicap # _____	Facility Name Mr. P's Tires 9Former)
Latitude / Longitude (Degrees and Minutes) 43 ° 2.16 ' N	Method Code (see instructions) GPS006		Facility ID (FID or PWS) 341261030
87 ° 56.89 ' W	Section 25	Township 7 N 21	License/Permit/Monitoring # _____
Well Street Address 2705 Clybourn Street	Original Well Owner Mark Pachefsky	Present Well Owner Mark Pachefsky	
Well City, Village or Town Milwaukee	Well ZIP Code 53208-	Mailing Address of Present Owner 4475 Club Drive	
Subdivision Name _____	Lot # _____	City of Present Owner Slinger	State WI ZIP Code 53086-

Reason For Removal From Service: **Sampling Complete** WI Unique Well # of Replacement Well: _____

3. Well / Drillhole / Borehole Information **4. Pump, Liner, Screen, Casing & Sealing Material**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) 2/13/2017	Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.	Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Borehole / Drillhole		Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug		Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Other (specify): Geoprobe		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Total Well Depth From Ground Surface (ft.) 18	Casing Diameter (in.) _____	Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Lower Drillhole Diameter (in.) 2	Casing Depth (ft.) _____	If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
If yes, to what depth (feet)? _____	Depth to Water (feet) 6	Required Method of Placing Sealing Material: <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): Gravity

5. Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	
Bentonite Chips	Surface	18	27

6. Comments
Abandoned by Geiss Soil & Samples, LLC personnel under METCO supervision.
Geoprobe boring G-1

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew C. Michalski	License # _____	Date of Filling & Sealing (mm/dd/yyyy) 2/13/2017	Date Received _____	Noted By _____
Street or Route 709 Gillette Street, Suite 3		Telephone Number (608) 781-8879	Comments _____	
City La Crosse	State WI	ZIP Code 54603-	Signature of Person Doing Work Matthew C. Michalski	Date Signed 3/10/2017

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to:
 Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

County MILWAUKEE	WI Unique Well # of Removed Well _____	Locap # _____	Facility Name Mr. P's Tires 9Former)
Latitude / Longitude (Degrees and Minutes) 43 ° 2.16 ' N	Method Code (see instructions) GPS006		Facility ID (FID or PWS) 341261030
87 ° 56.89 ' W	Section 25	Township 7 N 21	License/Permit/Monitoring # _____
Well Street Address 2705 Clybourn Street	Original Well Owner Mark Pachefsky		Present Well Owner Mark Pachefsky
Well City, Village or Town Milwaukee	Well ZIP Code 53208-		Mailing Address of Present Owner 4475 Club Drive
Subdivision Name _____	City of Present Owner Slinger		State WI
	Lot # _____		ZIP Code 53086-

Reason For Removal From Service: **Sampling Complete**

WI Unique Well # of Replacement Well: _____

3. Well / Drillhole / Borehole Information **4. Pump, Liner, Screen, Casing & Sealing Material**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) 2/13/2017	Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.	Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Borehole / Drillhole		Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug		Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Other (specify): Geoprobe		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Total Well Depth From Ground Surface (ft.) 18	Casing Diameter (in.) _____	Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Lower Drillhole Diameter (in.) 2	Casing Depth (ft.) _____	If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Depth to Water (feet) 11.8	If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

5. Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	
Bentonite Chips	Surface	18	27

6. Comments
Abandoned by Geiss Soil & Samples, LLC personnel under METCO supervision.
Geoprobe boring G-2

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew C. Michalski	License # _____	Date of Filling & Sealing (mm/dd/yyyy) 2/14/2017	Date Received _____	Noted By _____
Street or Route 709 Gillette Street, Suite 3		Telephone Number (608) 781-8879	Comments _____	
City La Crosse	State WI	ZIP Code 54603-	Signature of Person Doing Work Matthew C. Michalski	Date Signed 3/10/2017

Matthew C. Michalski

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to:
 Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information			2. Facility / Owner Information		
County MILWAUKEE	WI Unique Well # of Removed Well _____	Hicap # _____	Facility Name Mr. P's Tires 9(Former)		
Latitude / Longitude (Degrees and Minutes) 43 ° 2.16 ' N		Method Code (see instructions) GPS006	Facility ID (FID or PWS) 341261030		
87 ° 56.89 ' W			License/Permit/Monitoring # _____		
1/4 NE 1/4 SE	Section 25	Township 7 N	Range 21	Original Well Owner Mark Pachefsky	
or Gov't Lot #			<input checked="" type="checkbox"/> E <input type="checkbox"/> W	Present Well Owner Mark Pachefsky	
Well Street Address 2705 Clybourn Street			Mailing Address of Present Owner 4475 Club Drive		
Well City, Village or Town Milwaukee		Well ZIP Code 53208-		City of Present Owner Slinger	
Subdivision Name		Lot #		State WI	ZIP Code 53086-

Reason For Removal From Service Sampling Complete	WI Unique Well # of Replacement Well _____	4. Pump, Liner, Screen, Casing & Sealing Material			
3. Well / Drillhole / Borehole Information		Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) 2/13/2017	Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Water Well	if a Well Construction Report is available, please attach.	Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Borehole / Drillhole		Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Construction Type:		Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)	Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
<input checked="" type="checkbox"/> Other (specify): Geoprobe	<input type="checkbox"/> Dug	Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Formation Type:		If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock	If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Total Well Depth From Ground Surface (ft.) 18	Casing Diameter (in.)	Required Method of Placing Sealing Material			
Lower Drillhole Diameter (in.) 2	Casing Depth (ft.)	<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped		
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Depth to Water (feet) 17	<input type="checkbox"/> Screened & Poured (Bentonite Chips)	<input checked="" type="checkbox"/> Other (Explain): Gravity		
If yes, to what depth (feet)?		Sealing Materials			
		<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)		
		<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input type="checkbox"/> Bentonite-Sand Slurry " "		
		<input type="checkbox"/> Concrete	<input type="checkbox"/> Bentonite Chips		
		For Monitoring Wells and Monitoring Well Boreholes Only:			
		<input checked="" type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout		
		<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry		

5. Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	
Bentonite Chips	Surface	18	27

6. Comments
Abandoned by Geiss Soil & Samples, LLC personnel under METCO supervision. Geoprobe boring G-3

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew C. Michalski	License #	Date of Filling & Sealing (mm/dd/yyyy) 2/14/2017	Date Received	Noted By
Street or Route 709 Gillette Street, Suite 3		Telephone Number (608) 781-8879	Comments	
City La Crosse	State WI	ZIP Code 54603-	Signature of Person Doing Work <i>Matthew C. Michalski</i>	Date Signed 3/10/2017

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to:
 Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

County MILWAUKEE	WI Unique Well # of Removed Well _____	Licap # _____	Facility Name Mr. P's Tires 9Former)
Latitude / Longitude (Degrees and Minutes) 43 ° 2.16 ' N 87 ° 56.89 ' W	Method Code (see instructions) GPS006		Facility ID (FID or PWS) 341261030
¼/¼ NE ¼ SE or Gov't Lot #	Section 25	Township 7 N	Range 21 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
Well Street Address 2705 Clybourn Street			Original Well Owner Mark Pachefsky
Well City, Village or Town Milwaukee			Present Well Owner Mark Pachefsky
Subdivision Name			Mailing Address of Present Owner 4475 Club Drive
Reason For Removal From Service Sampling Complete			City of Present Owner Slinger
WI Unique Well # of Replacement Well _____			State WI
Subdivision Name			ZIP Code 53086-

3. Well / Drillhole / Borehole Information **4. Pump, Liner, Screen, Casing & Sealing Material**

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) 2/13/2017	Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.	Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Borehole / Drillhole		Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug		Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Other (specify): Geoprobe		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Total Well Depth From Ground Surface (ft.) 18	Casing Diameter (in.)	Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Lower Drillhole Diameter (in.) 2	Casing Depth (ft.)	If yes, was hole relapped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Depth to Water (feet) 15	If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Required Method of Placing Sealing Material		
<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped		
<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): Gravity		
Sealing Materials		
<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)		
<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " "		
<input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Chips		
For Monitoring Wells and Monitoring Well Boreholes Only:		
<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout		
<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry		

5. Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	
Bentonite Chips	Surface	18	27

6. Comments

Abandoned by Geiss Soil & Samples, LLC personnel under METCO supervision.
Geoprobe boring G-4

7. Supervision of Work **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing Matthew C. Michalski	License #	Date of Filling & Sealing (mm/dd/yyyy) 2/14/2017	Date Received	Noted By
Street or Route 709 Gillette Street, Suite 3	Telephone Number (608) 781-8879	Comments		
City La Crosse	State WI	ZIP Code 54603-	Signature of Person Doing Work Matthew C. Michalski	Date Signed 3/10/2017

Matthew Michalski

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to:
 Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information			2. Facility / Owner Information		
County MILWAUKEE	WI Unique Well # of Removed Well _____	Hicap # _____	Facility Name Mr. P's Tires 9Former)		
Latitude / Longitude (Degrees and Minutes) 43 ° 2.16 ' N		Method Code (see instructions) GPS006	Facility ID (FID or PWS) 341261030		
87 ° 56.89 ' W			License/Permit/Monitoring # _____		
1/4 NE or Gov't Lot #	1/4 SE	Section 25	Township 7 N	Range 21	Original Well Owner Mark Pachefsky
Well Street Address 2705 Clybourn Street				Present Well Owner Mark Pachefsky	
Well City, Village or Town Milwaukee		Well ZIP Code 53208-		Mailing Address of Present Owner 4475 Club Drive	
Subdivision Name _____		Lot # _____		City of Present Owner Slinger	State WI
				ZIP Code 53086-	

Reason For Removal From Service Sampling Complete	WI Unique Well # of Replacement Well _____	4. Pump, Liner, Screen, Casing & Sealing Material			
3. Well / Drillhole / Borehole Information		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Original Construction Date (mm/dd/yyyy) 2/13/2017		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
If a Well Construction Report is available, please attach. _____		Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input checked="" type="checkbox"/> Other (specify): Geoprobe		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
Total Well Depth From Ground Surface (ft.) 18		If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Lower Drillhole Diameter (in.) 2		If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Casing Diameter (in.) _____		Required Method of Placing Sealing Material			
Casing Depth (ft.) _____		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): Gravity			
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Sealing Materials			
If yes, to what depth (feet)? _____		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.) <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " " " <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Chips			
Depth to Water (feet) 14.1		For Monitoring Wells and Monitoring Well Boreholes Only:			
		<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			

5. Material Used To Fill Well / Drillhole		From (ft.)	To (ft.)	
Bentonite Chips		Surface	18	27

6. Comments
Abandoned by Geiss Soil & Samples, LLC personnel under METCO supervision.
Geoprobe boring G-5

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew C. Michalski	License # _____	Date of Filling & Sealing (mm/dd/yyyy) 2/14/2017	Date Received _____	Noted By _____
Street or Route 709 Gillette Street, Suite 3		Telephone Number (608) 781-8879	Comments _____	
City La Crosse	State WI	ZIP Code 54603-	Signature of Person Doing Work Matthew C. Michalski	Date Signed 3/10/2017

Matthew C. Michalski

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to:
 Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information			2. Facility / Owner Information		
County MILWAUKEE		WI Unique Well # of Removed Well _____	Facility Name Mr. P's Tires 9Former)		Facility ID (FID or PWS) 341261030
Latitude / Longitude (Degrees and Minutes) 43 ° 2.16 ' N		Method Code (see instructions) GPS006	License/Permit/Monitoring # _____		Original Well Owner Mark Pachefsky
87 ° 56.89 ' W		Section 25	Township 7 N	Range 21	Present Well Owner Mark Pachefsky
Well Street Address 2705 Clybourn Street		Mailing Address of Present Owner 4475 Club Drive		City of Present Owner Slinger	
Well City, Village or Town Milwaukee		Well ZIP Code 53208-		State WI	
Subdivision Name _____		Lot # _____		ZIP Code 53086-	
Reason For Removal From Service Sampling Complete		WI Unique Well # of Replacement Well _____		4. Pump, Liner, Screen, Casing & Sealing Material	
3. Well / Drillhole / Borehole Information		Original Construction Date (mm/dd/yyyy) 2/13/2017		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Monitoring Well		If a Well Construction Report is available, please attach.		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well				Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole				Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:				Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Drilled				Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input type="checkbox"/> Driven (Sandpoint)				Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Other (specify): Geoprobe				If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type:				If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Unconsolidated Formation		<input type="checkbox"/> Bedrock		Required Method of Placing Sealing Material	
Total Well Depth From Ground Surface (ft.) 18		Casing Diameter (in.) _____		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
Lower Drillhole Diameter (in.) 2		Casing Depth (ft.) _____		<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): Gravity	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet) 10.9		Sealing Materials	
If yes, to what depth (feet)? _____				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)	
				<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " "	
				<input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Chips	
				For Monitoring Wells and Monitoring Well Boreholes Only:	
				<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout	
				<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	
5. Material Used To Fill Well / Drillhole			From (ft.)	To (ft.)	
Bentonite Chips			Surface	18	27

6. Comments
Abandoned by Geiss Soil & Samples, LLC personnel under METCO supervision. Geoprobe boring G-6

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew C. Michalski		License # _____	Date of Filling & Sealing (mm/dd/yyyy) 2/14/2017	Date Received _____	Noted By _____
Street or Route 709 Gillette Street, Suite 3			Telephone Number (608) 781-8879	Comments _____	
City La Crosse	State WI	ZIP Code 54603-	Signature of Person Doing Work Matthew C. Michalski	Date Signed 3/10/2017	

Matthew C. Michalski

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

<input type="checkbox"/> Verification Only of Fill and Seal	Route to:	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> Watershed/Wastewater	<input checked="" type="checkbox"/> Remediation/Redevelopment
		<input type="checkbox"/> Waste Management	<input type="checkbox"/> Other: _____	

1. Well Location Information				2. Facility / Owner Information			
County MILWAUKEE		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name Mr. P's Tires 9Former	
Latitude / Longitude (Degrees and Minutes) 43 ° 2.16 ' N		Method Code (see instructions) GPS006		Facility ID (FID or PWS) 341261030		License/Permit/Monitoring # _____	
87 ° 56.89 ' W		Section 25		Township 7 N 21		Original Well Owner Mark Pachefsky	
Well Street Address 2705 Clybourn Street		Well ZIP Code 53208-		Present Well Owner Mark Pachefsky		Mailing Address of Present Owner 4475 Club Drive	
Well City, Village or Town Milwaukee		Subdivision Name _____		City of Present Owner Slinger		State ZIP Code WI 53086-	

Reason For Removal From Service Sampling Complete	WI Unique Well # of Replacement Well _____	4. Pump, Liner, Screen, Casing & Sealing Material			
3. Well / Drillhole / Borehole Information <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) 2/13/2017		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
		If a Well Construction Report is available, please attach.		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): Geoprobe				Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) 18		Casing Diameter (in.) 2		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) 2		Casing Depth (ft.) 8.9		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet) 8.9		Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
				If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
				If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

5. Material Used To Fill Well / Drillhole Bentonite Chips		From (ft.)	To (ft.)	To (ft.)	To (ft.)
		Surface	18	27	
6. Comments					
Abandoned by Geiss Soil & Samples, LLC personnel under METCO supervision. Geoprobe boring G-7					

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew C. Michalski		License # _____	Date of Filling & Sealing (mm/dd/yyyy) 2/14/2017	Date Received _____	Noted By _____
Street or Route 709 Gillette Street, Suite 3		Telephone Number (608) 781-8879		Comments _____	
City La Crosse	State WI	ZIP Code 54603-	Signature of Person Doing Work Matthew C. Michalski		Date Signed 3/10/2017

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to:

Drinking Water Watershed/Wastewater Remediation/Redevelopment

Waste Management Other: _____

1. Well Location Information				2. Facility / Owner Information			
County MILWAUKEE		WI Unique Well # of Removed Well _____		Facility Name Mr. P's Tires 9Former)		Facility ID (FID or PWS) 341261030	
Latitude / Longitude (Degrees and Minutes) 43 ° 2.16 ' N		Method Code (see instructions) GPS006		License/Permit/Monitoring # _____		Original Well Owner Mark Pachefsky	
87 ° 56.89 ' W		Section 25		Township 7 N		Range 21 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address 2705 Clybourn Street				Present Well Owner Mark Pachefsky			
Well City, Village or Town Milwaukee				Mailing Address of Present Owner 4475 Club Drive			
Subdivision Name _____				City of Present Owner Slinger		State WI	
Well ZIP Code 53208-				ZIP Code 53086-			

Reason For Removal From Service Sampling Complete		WI Unique Well # of Replacement Well _____		4. Pump, Liner, Screen, Casing & Sealing Material			
3. Well / Drillhole / Borehole Information				Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) 2/13/2017		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Construction Type:		If a Well Construction Report is available, please attach.		Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): Geoprobe				Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Formation Type:				Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Total Well Depth From Ground Surface (ft.) 18		Casing Diameter (in.) _____		Did material settle after 24 hours? If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Lower Drillhole Diameter (in.) 2		Casing Depth (ft.) _____		If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet) 8.5		Required Method of Placing Sealing Material			
If yes, to what depth (feet)? _____				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): Gravity			

5. Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	
Bentonite Chips	Surface	18	27

6. Comments
Abandoned by Geiss Soil & Samples, LLC personnel under METCO supervision.
Geoprobe boring G-8

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew C. Michalski		License # _____	Date of Filling & Sealing (mm/dd/yyyy) 2/14/2017	Date Received _____	Noted By _____
Street or Route 709 Gillette Street, Suite 3			Telephone Number (608) 781-8879	Comments _____	
City La Crosse	State WI	ZIP Code 54603-	Signature of Person Doing Work Matthew C. Michalski	Date Signed 3/10/2017	

Matthew C. Michalski

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to:

Drinking Water Watershed/Wastewater Remediation/Redevelopment

Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

County MILWAUKEE	WI Unique Well # of Removed Well _____	Hicap # _____	Facility Name Mr. P's Tires 9Former)
Latitude / Longitude (Degrees and Minutes) 43 ° 2.16 ' N	Method Code (see instructions) GPS006	Facility ID (FID or PWS) 341261030	License/Permit/Monitoring # _____
87 ° 56.89 ' W	Section 25	Township 7 N	Range 21
Well Street Address 2705 Clybourn Street	Original Well Owner Mark Pachefsky	Present Well Owner Mark Pachefsky	Mailing Address of Present Owner 4475 Club Drive
Well City, Village or Town Milwaukee	Well ZIP Code 53208-	City of Present Owner Slinger	State WI
Subdivision Name _____	Lot # _____	ZIP Code 53086-	

Reason For Removal From Service **Sampling Complete**

WI Unique Well # of Replacement Well _____

3. Well / Drillhole / Borehole Information **4. Pump, Liner, Screen, Casing & Sealing Material**

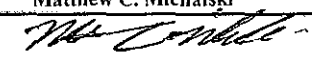
<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) 2/13/2017	Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.	Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Borehole / Drillhole		Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Construction Type:		Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Drilled		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Driven (Sandpoint)		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<input checked="" type="checkbox"/> Other (specify): Geoprobe		Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Formation Type:		If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Unconsolidated Formation		If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<input type="checkbox"/> Bedrock		Required Method of Placing Sealing Material
Total Well Depth From Ground Surface (ft.) 18	Casing Diameter (in.) _____	<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped
Lower Drillhole Diameter (in.) 2	Casing Depth (ft.) _____	<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): Gravity
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Depth to Water (feet) 7.8	Sealing Materials
If yes, to what depth (feet)? _____		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)
		<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " "
		<input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Chips
		For Monitoring Wells and Monitoring Well Boreholes Only:
		<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout
		<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	
Bentonite Chips	Surface	18	27

6. Comments

Abandoned by Geiss Soil & Samples, LLC personnel under METCO supervision.
Geoprobe boring G-9

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew C. Michalski	License # _____	Date of Filling & Sealing (mm/dd/yyyy) 2/14/2017	Date Received _____	Noted By _____
Street or Route 709 Gillette Street, Suite 3	Telephone Number (608) 781-8879	Comments _____		
City La Crosse	State WI	ZIP Code 54603-	Signature of Person Doing Work Matthew C. Michalski	Date Signed 3/10/2017



Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to:
 Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information			2. Facility / Owner Information		
County MILWAUKEE	WI Unique Well # of Removed Well _____	Hicap # _____	Facility Name Mr. P's Tires 9Former)		
Latitude / Longitude (Degrees and Minutes) 43 ° 2.16 ' N		Method Code (see instructions) GPS006	Facility ID (FID or PWS) 341261030		
87 ° 56.89 ' W			License/Permit/Monitoring # _____		
1/4 NE	1/4 SE	Section 25	Township 7 N	Range 21	Original Well Owner Mark Pachefsky
or Gov't Lot #					Present Well Owner Mark Pachefsky
Well Street Address 2705 Clybourn Street			Mailing Address of Present Owner 4475 Club Drive		
Well City, Village or Town Milwaukee		Well ZIP Code 53208-		City of Present Owner Slinger	
Subdivision Name		Lot #		State WI	ZIP Code 53086-

Reason For Removal From Service Sampling Complete	WI Unique Well # of Replacement Well _____	4. Pump, Liner, Screen, Casing & Sealing Material			
3. Well / Drillhole / Borehole Information		Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) 2/14/2017	Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.	Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Borehole / Drillhole		Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Construction Type:		Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)	Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
<input checked="" type="checkbox"/> Other (specify): Geoprobe	<input type="checkbox"/> Dug	Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Formation Type:		If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock	If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Total Well Depth From Ground Surface (ft.) 12	Casing Diameter (in.) _____	Required Method of Placing Sealing Material			
Lower Drillhole Diameter (in.) 2	Casing Depth (ft.) _____	<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped		
Was well annular space grouted?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	<input type="checkbox"/> Screened & Poured (Bentonite Chips)	<input checked="" type="checkbox"/> Other (Explain): Gravity		
If yes, to what depth (feet)?	Depth to Water (feet) 6	Sealing Materials			
6. Material Used To Fill Well / Drillhole		<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)		
Bentonite Chips	Surface 12 18	<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input type="checkbox"/> Bentonite-Sand Slurry " "		
		<input type="checkbox"/> Concrete	<input type="checkbox"/> Bentonite Chips		
		For Monitoring Wells and Monitoring Well Boreholes Only:			
		<input checked="" type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout		
		<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry		

From (ft.)	To (ft.)	
Surface	12	18

6. Comments
Abandoned by Geiss Soil & Samples, LLC personnel under METCO supervision.
Geoprobe boring G-13

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew C. Michalski	License # _____	Date of Filling & Sealing (mm/dd/yyyy) 2/14/2017	Date Received _____	Noted By _____	
Street or Route 709 Gillette Street, Suite 3		Telephone Number (608) 781-8879	Comments _____		
City La Crosse	State WI	ZIP Code 54603-	Signature of Person Doing Work Matthew C. Michalski		Date Signed 3/10/2017

Matthew C. Michalski

Site Investigation Report – METCO
Mr. P's Tires (former)

APPENDIX D/ WASTE DISPOSAL DOCUMENTATION

DKS Transport Services, LLC

N7349 548th Street
Menomonie, WI 54751
715-556-2604

INVOICE

CUSTOMER

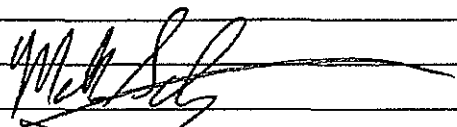
12-12 20 17

JOB NAME

METCO 90
709 Gillette St
La Crosse WI 54603

Mr P's Tire
Milwaukee WI

CASH CHECK # _____ IN-HOUSE ACCOUNT

QUANTITY		DESCRIPTION	QTY.	UNIT PRICE		AMOUNT	
DATE	SHIPPED						
	1	Mobilization	1	287	70	287	70
	5	Haul soil drums to Adm waste disposal - Eau Claire WI	5	108	15	540	75
		Thank You					
							
						TOTAL	828 45

Due upon receipt of invoice.
1.5% per month Service Charge (18% Annual Percentage Rate) will be added to past due accounts.

SIGNATURE _____

201

APPENDIX E/ OTHER DOCUMENTATION

A.7. Hydraulic Conductivity Calculations
Mr. P's Tires, Former BRRTS #02-41-563586

MW-1

	ft/s	cm/s	m/yr
K	2.25E-05	6.86E-04	216.27
	sq ft/s	sq cm/s	
T	1.87E-04	1.74E-01	

MW-3

	ft/s	cm/s	m/yr
K	2.94E-05	8.96E-04	282.60
	sq ft/s	sq cm/s	
T	1.94E-04	1.80E-01	

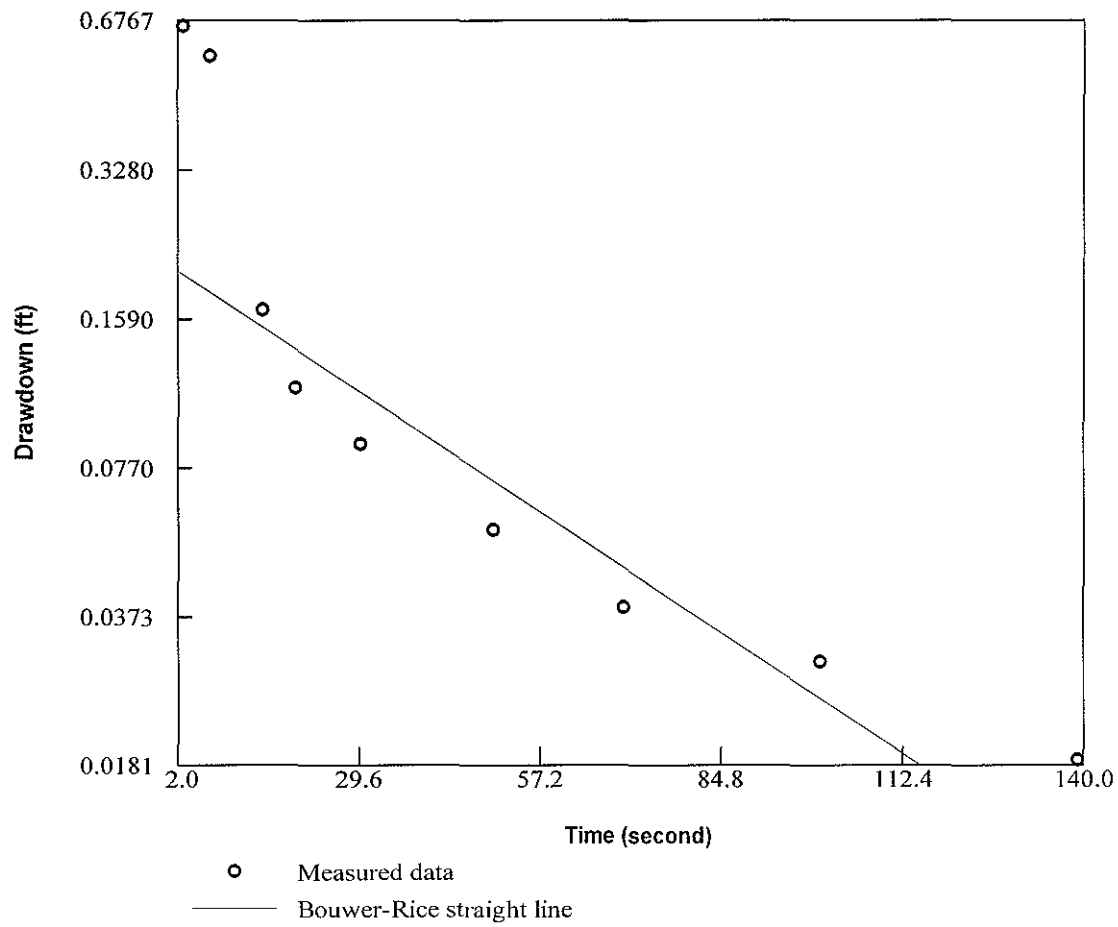
MW-5

	ft/s	cm/s	m/yr
K	2.48E-05	7.56E-04	238.38
	sq ft/s	sq cm/s	
T	2.00E-04	1.86E-01	

Date	Elv. (High)	Elv. (Low)	Distance (ft)	Hyd Grad (l)
10/30/2017	663.14	659.95	80	0.0398750
10/30/2017	660.6	654.97	43	0.1309302
1/24/2018	663.43	659.07	161	0.0270807

Average	0.0854026
----------------	-----------

	K (m/yr)	l	n	Flow Velocity (m/yr)
MW-1	216.27	0.0854026	0.3	61.56785
MW-3	282.5978803	0.0854026	0.3	80.44866
MW-5	238.3818854	0.0854026	0.3	67.86146



Aquifer Parameters by the Bouwer and Rice Slug Test	
Hydraulic Conductivity (ft/s):	2.25e-005
Transmissivity (sq ft/s):	1.87e-004

MW-1 Slug Out

MW-1 Slug Out

Data file for DataLogger.

COMPANY : <Company name>
COMP.STATUS: Do
DATE : 24/01/2018
TIME : 14:42:53
CREATED BY : Diver-Office 9.2.0.17

Instrument type =Micro-Diver=15
Status =Started =0
Serial number =..00-P9769 215.
Instrument number = UTC-5
=0
Location =mw-1_4
Sample period =S02
Sample method =T
Number of channels =2

[Channel 1]

Identification =PRESSURE
Reference level =13.12336 ft
Range =90.22310 ft
Master level =0 m
Altitude =0 ft

Date/time	Pressure[ft]	Temperature[°F]	Time (sec)	Drawdown (ft)	Adjusted Time (sec)
1/24/2018 14:31	41.02335	52.76	0	0.34886	
1/24/2018 14:31	41.02335	52.76	2	0.34886	
1/24/2018 14:31	41.03237	52.76	4	0.35788	
1/24/2018 14:32	41.02335	52.772	6	0.34886	
1/24/2018 14:32	41.02335	52.772	8	0.34886	
1/24/2018 14:32	41.02335	52.772	10	0.34886	
1/24/2018 14:32	41.02335	52.772	12	0.34886	
1/24/2018 14:32	41.02335	52.772	14	0.34886	
1/24/2018 14:32	41.02335	52.772	16	0.34886	
1/24/2018 14:32	41.02335	52.772	18	0.34886	
1/24/2018 14:32	41.02335	52.772	20	0.34886	
1/24/2018 14:32	41.02335	52.772	22	0.34886	
1/24/2018 14:32	41.03538	52.784	24	0.36089	
1/24/2018 14:32	41.02636	52.784	26	0.35187	
1/24/2018 14:32	41.02636	52.784	28	0.35187	
1/24/2018 14:32	41.02636	52.784	30	0.35187	
1/24/2018 14:32	41.02636	52.784	32	0.35187	
1/24/2018 14:32	41.03538	52.784	34	0.36089	

METCO

Environmental Consulting, Fuel System Design, Installation and Service

1/24/2018 14:32	41.02636	52.784	36	0.35187	
1/24/2018 14:32	41.02636	52.784	38	0.35187	
1/24/2018 14:32	41.02636	52.784	40	0.35187	
1/24/2018 14:32	40.24442	52.784	42	0.43007	0
1/24/2018 14:32	39.99781	52.784	44	0.67668	2
1/24/2018 14:32	40.02789	52.784	46	0.6466	4
1/24/2018 14:32	40.17826	52.784	48	0.49623	6
1/24/2018 14:32	40.29254	52.784	50	0.38195	8
1/24/2018 14:32	40.37073	52.784	52	0.30376	10
1/24/2018 14:32	40.44592	52.784	54	0.22857	12
1/24/2018 14:32	40.49404	52.784	56	0.18045	14
1/24/2018 14:32	40.52111	52.784	58	0.15338	16
1/24/2018 14:32	40.54216	52.784	60	0.13233	18
1/24/2018 14:32	40.5602	52.784	62	0.11429	20
1/24/2018 14:32	40.56923	52.784	64	0.10526	22
1/24/2018 14:33	40.57825	52.784	66	0.09624	24
1/24/2018 14:33	40.57825	52.784	68	0.09624	26
1/24/2018 14:33	40.58727	52.784	70	0.08722	28
1/24/2018 14:33	40.58727	52.784	72	0.08722	30
1/24/2018 14:33	40.5993	52.784	74	0.07519	32
1/24/2018 14:33	40.5993	52.784	76	0.07519	34
1/24/2018 14:33	40.5993	52.784	78	0.07519	36
1/24/2018 14:33	40.60832	52.784	80	0.06617	38
1/24/2018 14:33	40.60832	52.784	82	0.06617	40
1/24/2018 14:33	40.61734	52.784	84	0.05715	42
1/24/2018 14:33	40.61734	52.784	86	0.05715	44
1/24/2018 14:33	40.61734	52.784	88	0.05715	46
1/24/2018 14:33	40.61734	52.784	90	0.05715	48
1/24/2018 14:33	40.61734	52.784	92	0.05715	50
1/24/2018 14:33	40.61734	52.784	94	0.05715	52
1/24/2018 14:33	40.61734	52.784	96	0.05715	54
1/24/2018 14:33	40.62637	52.784	98	0.04812	56
1/24/2018 14:33	40.62637	52.784	100	0.04812	58
1/24/2018 14:33	40.62637	52.784	102	0.04812	60
1/24/2018 14:33	40.62637	52.784	104	0.04812	62
1/24/2018 14:33	40.62637	52.784	106	0.04812	64
1/24/2018 14:33	40.62637	52.784	108	0.04812	66
1/24/2018 14:33	40.63539	52.784	110	0.0391	68
1/24/2018 14:33	40.63539	52.784	112	0.0391	70
1/24/2018 14:33	40.63539	52.784	114	0.0391	72
1/24/2018 14:33	40.63539	52.784	116	0.0391	74
1/24/2018 14:33	40.63539	52.784	118	0.0391	76
1/24/2018 14:33	40.63539	52.784	120	0.0391	78
1/24/2018 14:33	40.63539	52.784	122	0.0391	80

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1/24/2018 14:33	40.63539	52.784	124	0.0391	82
1/24/2018 14:34	40.64441	52.784	126	0.03008	84
1/24/2018 14:34	40.64441	52.784	128	0.03008	86
1/24/2018 14:34	40.63539	52.784	130	0.0391	88
1/24/2018 14:34	40.64441	52.784	132	0.03008	90
1/24/2018 14:34	40.63539	52.784	134	0.0391	92
1/24/2018 14:34	40.64441	52.784	136	0.03008	94
1/24/2018 14:34	40.64441	52.784	138	0.03008	96
1/24/2018 14:34	40.63539	52.784	140	0.0391	98
1/24/2018 14:34	40.64441	52.784	142	0.03008	100
1/24/2018 14:34	40.64441	52.784	144	0.03008	102
1/24/2018 14:34	40.64441	52.784	146	0.03008	104
1/24/2018 14:34	40.64441	52.784	148	0.03008	106
1/24/2018 14:34	40.64441	52.784	150	0.03008	108
1/24/2018 14:34	40.64441	52.784	152	0.03008	110
1/24/2018 14:34	40.64441	52.784	154	0.03008	112
1/24/2018 14:34	40.64441	52.784	156	0.03008	114
1/24/2018 14:34	40.64441	52.784	158	0.03008	116
1/24/2018 14:34	40.64441	52.784	160	0.03008	118
1/24/2018 14:34	40.65644	52.784	162	0.01805	120
1/24/2018 14:34	40.65644	52.784	164	0.01805	122
1/24/2018 14:34	40.65644	52.784	166	0.01805	124
1/24/2018 14:34	40.64441	52.784	168	0.03008	126
1/24/2018 14:34	40.64441	52.784	170	0.03008	128
1/24/2018 14:34	40.64441	52.784	172	0.03008	130
1/24/2018 14:34	40.65644	52.784	174	0.01805	132
1/24/2018 14:34	40.65644	52.784	176	0.01805	134
1/24/2018 14:34	40.65644	52.784	178	0.01805	136
1/24/2018 14:34	40.65644	52.784	180	0.01805	138
1/24/2018 14:34	40.65644	52.784	182	0.01805	140
1/24/2018 14:34	40.65644	52.784	184	0.01805	142
1/24/2018 14:35	40.65644	52.784	186	0.01805	144
1/24/2018 14:35	40.65644	52.784	188	0.01805	146
1/24/2018 14:35	40.65644	52.784	190	0.01805	148
1/24/2018 14:35	40.65043	52.772	192	0.02406	150
1/24/2018 14:35	40.65043	52.772	194	0.02406	152
1/24/2018 14:35	40.65644	52.784	196	0.01805	154
1/24/2018 14:35	40.65043	52.772	198	0.02406	156
1/24/2018 14:35	40.65043	52.772	200	0.02406	158
1/24/2018 14:35	40.65644	52.784	202	0.01805	160
1/24/2018 14:35	40.65043	52.772	204	0.02406	162
1/24/2018 14:35	40.65043	52.772	206	0.02406	164
1/24/2018 14:35	40.65043	52.772	208	0.02406	166
1/24/2018 14:35	40.65043	52.772	210	0.02406	168

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1/24/2018 14:35	40.65043	52.772	212	0.02406	170
1/24/2018 14:35	40.65043	52.772	214	0.02406	172
1/24/2018 14:35	40.65043	52.772	216	0.02406	174
1/24/2018 14:35	40.65043	52.772	218	0.02406	176
1/24/2018 14:35	40.65043	52.772	220	0.02406	178
1/24/2018 14:35	40.65043	52.772	222	0.02406	180
1/24/2018 14:35	40.65043	52.772	224	0.02406	182
1/24/2018 14:35	40.65043	52.772	226	0.02406	184
1/24/2018 14:35	40.66546	52.784	228	0.00903	186
1/24/2018 14:35	40.65043	52.772	230	0.02406	188
1/24/2018 14:35	40.65043	52.772	232	0.02406	190
1/24/2018 14:35	40.65043	52.772	234	0.02406	192
1/24/2018 14:35	40.65043	52.772	236	0.02406	194
1/24/2018 14:35	40.65644	52.784	238	0.01805	196
1/24/2018 14:35	40.65644	52.784	240	0.01805	198
1/24/2018 14:35	40.66546	52.784	242	0.00903	200
1/24/2018 14:35	40.66546	52.784	244	0.00903	202
1/24/2018 14:36	40.65043	52.772	246	0.02406	204
1/24/2018 14:36	40.65043	52.772	248	0.02406	206
1/24/2018 14:36	40.66546	52.784	250	0.00903	208
1/24/2018 14:36	40.66546	52.784	252	0.00903	210
1/24/2018 14:36	40.66546	52.784	254	0.00903	212
1/24/2018 14:36	40.66546	52.784	256	0.00903	214
1/24/2018 14:36	40.66546	52.784	258	0.00903	216
1/24/2018 14:36	40.65644	52.784	260	0.01805	218
1/24/2018 14:36	40.66546	52.784	262	0.00903	220
1/24/2018 14:36	40.66546	52.784	264	0.00903	222
1/24/2018 14:36	40.66546	52.784	266	0.00903	224
1/24/2018 14:36	40.66546	52.784	268	0.00903	226
1/24/2018 14:36	40.65644	52.784	270	0.01805	228
1/24/2018 14:36	40.66546	52.784	272	0.00903	230
1/24/2018 14:36	40.65644	52.784	274	0.01805	232
1/24/2018 14:36	40.65644	52.784	276	0.01805	234
1/24/2018 14:36	40.65644	52.784	278	0.01805	236
1/24/2018 14:36	40.65644	52.784	280	0.01805	238
1/24/2018 14:36	40.65644	52.784	282	0.01805	240
1/24/2018 14:36	40.65644	52.784	284	0.01805	242
1/24/2018 14:36	40.65644	52.784	286	0.01805	244
1/24/2018 14:36	40.65644	52.784	288	0.01805	246
1/24/2018 14:36	40.65644	52.784	290	0.01805	248
1/24/2018 14:36	40.65644	52.784	292	0.01805	250
1/24/2018 14:36	40.65043	52.772	294	0.02406	252
1/24/2018 14:36	40.65644	52.784	296	0.01805	254
1/24/2018 14:36	40.65644	52.784	298	0.01805	256

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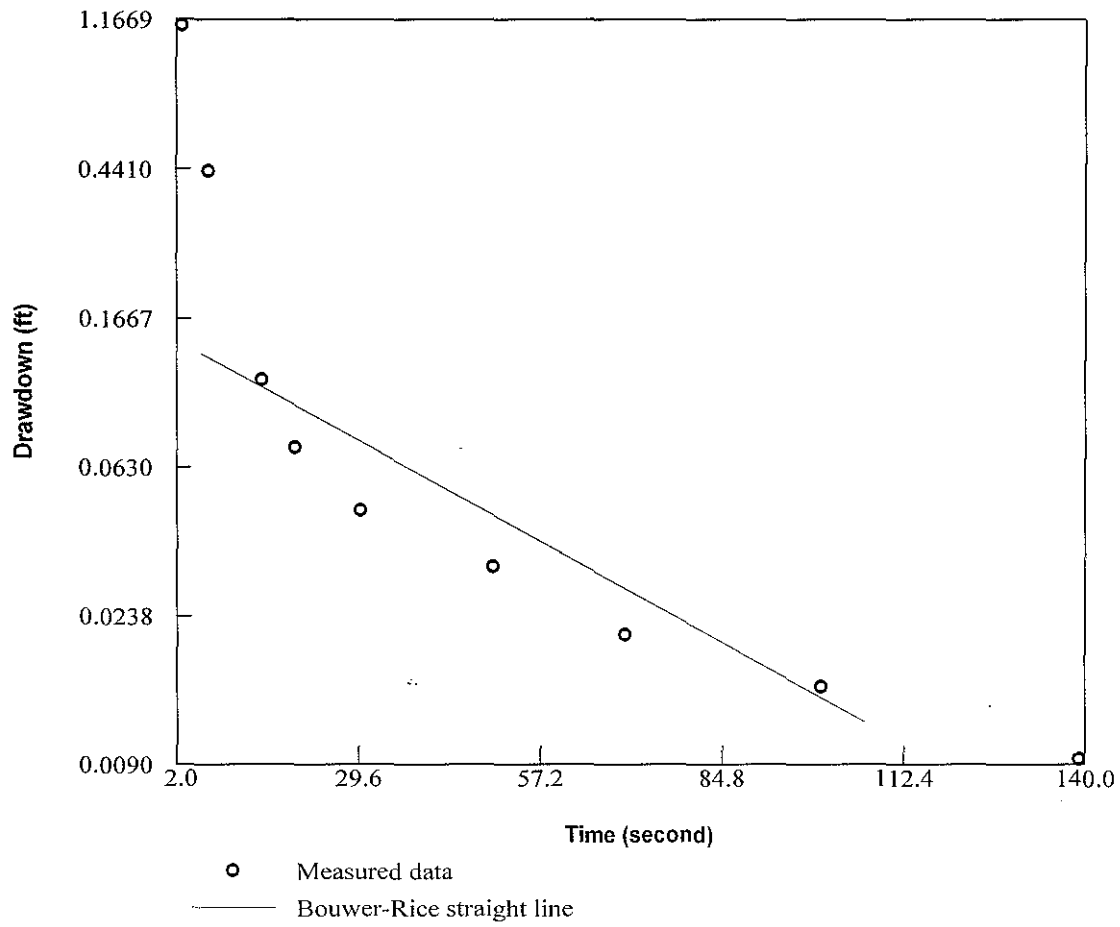
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1/24/2018 14:36	40.65043	52.772	300	0.02406	258
1/24/2018 14:36	40.65945	52.772	302	0.01504	260
1/24/2018 14:36	40.65945	52.772	304	0.01504	262
1/24/2018 14:37	40.65945	52.772	306	0.01504	264
1/24/2018 14:37	40.65043	52.772	308	0.02406	266
1/24/2018 14:37	40.65043	52.772	310	0.02406	268
1/24/2018 14:37	40.65043	52.772	312	0.02406	270
1/24/2018 14:37	40.65043	52.772	314	0.02406	272
1/24/2018 14:37	40.65945	52.772	316	0.01504	274
1/24/2018 14:37	40.65945	52.772	318	0.01504	276
1/24/2018 14:37	40.65945	52.772	320	0.01504	278
1/24/2018 14:37	40.65945	52.772	322	0.01504	280
1/24/2018 14:37	40.65945	52.772	324	0.01504	282
1/24/2018 14:37	40.65945	52.76	326	0.01504	284
1/24/2018 14:37	40.65945	52.76	328	0.01504	286
1/24/2018 14:37	40.65945	52.76	330	0.01504	288
1/24/2018 14:37	40.65945	52.76	332	0.01504	290
1/24/2018 14:37	40.65945	52.76	334	0.01504	292
1/24/2018 14:37	40.65945	52.76	336	0.01504	294
1/24/2018 14:37	40.65945	52.76	338	0.01504	296
1/24/2018 14:37	40.65945	52.76	340	0.01504	298
1/24/2018 14:37	40.65945	52.76	342	0.01504	300
1/24/2018 14:37	40.65945	52.76	344	0.01504	302
1/24/2018 14:37	40.65945	52.76	346	0.01504	304
1/24/2018 14:37	40.65945	52.76	348	0.01504	306
1/24/2018 14:37	40.65945	52.76	350	0.01504	308
1/24/2018 14:37	40.65945	52.76	352	0.01504	310
1/24/2018 14:37	40.65945	52.76	354	0.01504	312
1/24/2018 14:37	40.65945	52.76	356	0.01504	314
1/24/2018 14:37	40.65945	52.76	358	0.01504	316
1/24/2018 14:37	40.65945	52.76	360	0.01504	318
1/24/2018 14:37	40.65945	52.76	362	0.01504	320
1/24/2018 14:37	40.65945	52.76	364	0.01504	322
1/24/2018 14:38	40.65945	52.76	366	0.01504	324
1/24/2018 14:38	40.65945	52.76	368	0.01504	326
1/24/2018 14:38	40.65945	52.76	370	0.01504	328
1/24/2018 14:38	40.65945	52.76	372	0.01504	330
1/24/2018 14:38	40.65945	52.76	374	0.01504	332
1/24/2018 14:38	40.66847	52.76	376	0.00602	334
1/24/2018 14:38	40.65945	52.76	378	0.01504	336
1/24/2018 14:38	40.65945	52.76	380	0.01504	338
1/24/2018 14:38	40.66847	52.76	382	0.00602	340
1/24/2018 14:38	40.65945	52.76	384	0.01504	342
1/24/2018 14:38	40.65945	52.76	386	0.01504	344

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1/24/2018 14:38	40.65945	52.76	388	0.01504	346
1/24/2018 14:38	40.65945	52.76	390	0.01504	348
1/24/2018 14:38	40.65945	52.76	392	0.01504	350
1/24/2018 14:38	40.65945	52.76	394	0.01504	352
1/24/2018 14:38	40.65945	52.76	396	0.01504	354
1/24/2018 14:38	40.65945	52.76	398	0.01504	356
1/24/2018 14:38	40.65945	52.748	400	0.01504	358
1/24/2018 14:38	40.65945	52.748	402	0.01504	360
1/24/2018 14:38	40.65945	52.76	404	0.01504	362
1/24/2018 14:38	40.65945	52.76	406	0.01504	364
1/24/2018 14:38	40.65945	52.76	408	0.01504	366
1/24/2018 14:38	40.65945	52.76	410	0.01504	368
1/24/2018 14:38	40.65945	52.76	412	0.01504	370
1/24/2018 14:38	40.65945	52.76	414	0.01504	372
1/24/2018 14:38	40.65945	52.76	416	0.01504	374
1/24/2018 14:38	40.66847	52.76	418	0.00602	376
1/24/2018 14:38	40.65945	52.76	420	0.01504	378
1/24/2018 14:38	40.65945	52.76	422	0.01504	380
1/24/2018 14:38	40.65945	52.76	424	0.01504	382
1/24/2018 14:39	40.66847	52.76	426	0.00602	384
1/24/2018 14:39	40.66847	52.76	428	0.00602	386
1/24/2018 14:39	40.66847	52.76	430	0.00602	388
1/24/2018 14:39	40.65945	52.76	432	0.01504	390
1/24/2018 14:39	40.65945	52.772	434	0.01504	392
1/24/2018 14:39	40.65945	52.76	436	0.01504	394
1/24/2018 14:39	40.65945	52.772	438	0.01504	396
1/24/2018 14:39	40.65945	52.772	440	0.01504	398
1/24/2018 14:39	40.65945	52.772	442	0.01504	400
1/24/2018 14:39	40.65945	52.772	444	0.01504	402
1/24/2018 14:39	40.66847	52.772	446	0.00602	404
1/24/2018 14:39	40.65945	52.772	448	0.01504	406
1/24/2018 14:39	40.65945	52.772	450	0.01504	408
1/24/2018 14:39	40.65945	52.772	452	0.01504	410
1/24/2018 14:39	40.66847	52.772	454	0.00602	412
1/24/2018 14:39	40.65945	52.772	456	0.01504	414



Aquifer Parameters by the Bower and Rice Slug Test

Hydraulic Conductivity (ft/s):	2.94e-005
Transmissivity (sq ft/s):	1.94e-004

MW-3 Slug Out

MW-3 Slug Out

Data file for DataLogger.

COMPANY : <Company name>
 COMP.STATUS: Do
 DATE : 24/01/2018
 TIME : 13:17:16
 CREATED BY : Diver-Office 9.2.0.17

Instrument type =Micro-Diver=15
 Status =Started =0
 Serial number =..00-P9769 215.
 Instrument number = UTC-5
 =0
 Location =mw-3_2
 Sample period =S02
 Sample method =T
 Number of channels =2

[Channel 1]

Identification =PRESSURE
 Reference level =13.12336 ft
 Range =90.22310 ft
 Master level =0 m
 Altitude =0 ft

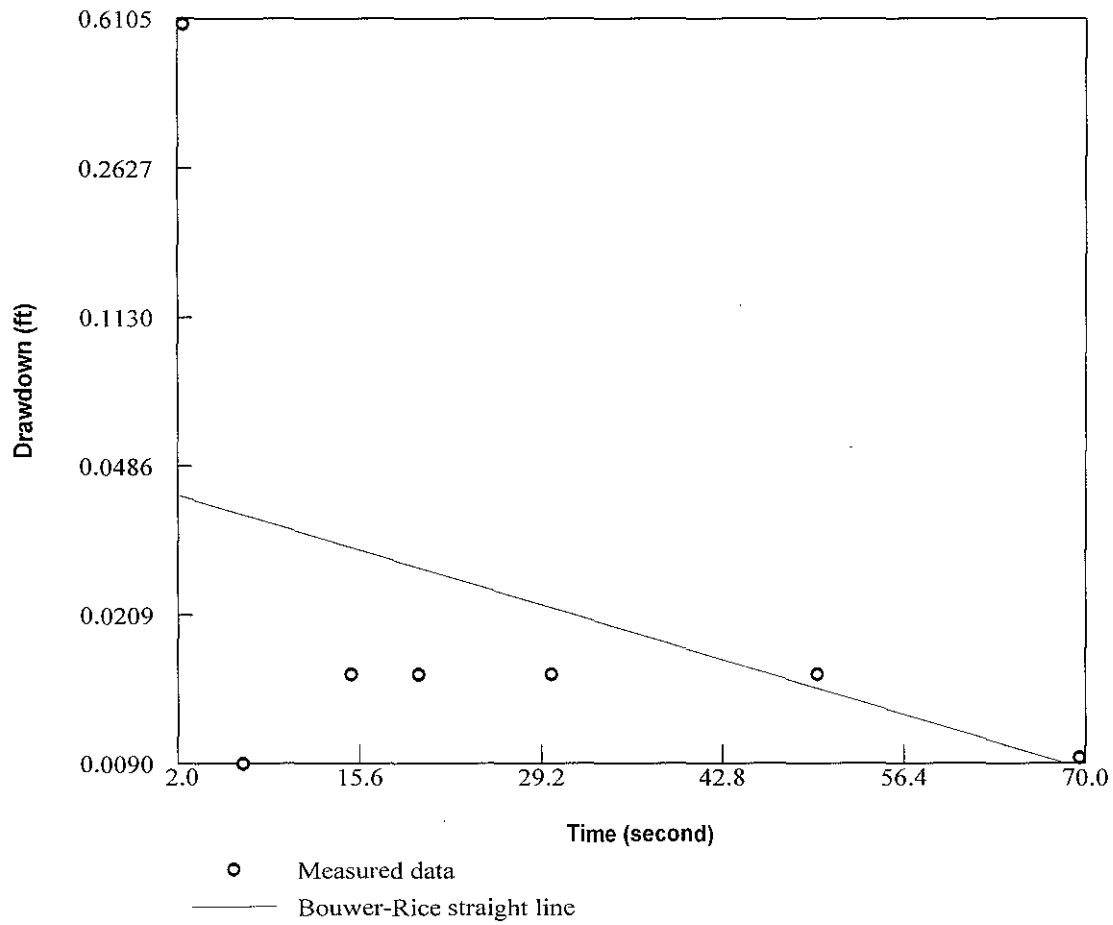
Date/time	Pressure[ft]	Temperature[°F]	Time (sec)	Drawdown (ft)	Adjusted Time (sec)
1/24/2018 13:10	40.41284	51.848	0	0.32781	
1/24/2018 13:11	40.41284	51.848	2	0.32781	
1/24/2018 13:11	40.41585	51.86	4	0.33082	
1/24/2018 13:11	40.41585	51.86	6	0.33082	
1/24/2018 13:11	40.41585	51.872	8	0.33082	
1/24/2018 13:11	40.41585	51.872	10	0.33082	
1/24/2018 13:11	40.41585	51.884	12	0.33082	
1/24/2018 13:11	40.41585	51.884	14	0.33082	
1/24/2018 13:11	40.42788	51.884	16	0.34285	
1/24/2018 13:11	40.41585	51.884	18	0.33082	
1/24/2018 13:11	40.41585	51.884	20	0.33082	
1/24/2018 13:11	40.41585	51.884	22	0.33082	
1/24/2018 13:11	40.41585	51.896	24	0.33082	
1/24/2018 13:11	40.41585	51.896	26	0.33082	
1/24/2018 13:11	40.41585	51.896	28	0.33082	
1/24/2018 13:11	40.41284	51.908	30	0.32781	0
1/24/2018 13:11	38.91814	51.908	32	1.16689	2
1/24/2018 13:11	39.42339	51.908	34	0.66164	4

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1/24/2018 13:11	39.55572	51.92	36	0.52931	6
1/24/2018 13:11	39.73316	51.932	38	0.35187	8
1/24/2018 13:11	39.85646	51.944	40	0.22857	10
1/24/2018 13:11	39.93165	51.956	42	0.15338	12
1/24/2018 13:11	39.96172	51.968	44	0.12331	14
1/24/2018 13:11	39.98278	51.98	46	0.10225	16
1/24/2018 13:11	39.99481	51.98	48	0.09022	18
1/24/2018 13:11	40.01285	51.992	50	0.07218	20
1/24/2018 13:11	40.02187	51.992	52	0.06316	22
1/24/2018 13:11	40.02789	52.004	54	0.05714	24
1/24/2018 13:11	40.03691	52.004	56	0.04812	26
1/24/2018 13:11	40.03691	52.016	58	0.04812	28
1/24/2018 13:11	40.03691	52.016	60	0.04812	30
1/24/2018 13:12	40.04593	52.016	62	0.0391	32
1/24/2018 13:12	40.04593	52.028	64	0.0391	34
1/24/2018 13:12	40.04593	52.028	66	0.0391	36
1/24/2018 13:12	40.04593	52.028	68	0.0391	38
1/24/2018 13:12	40.05495	52.028	70	0.03008	40
1/24/2018 13:12	40.05195	52.04	72	0.03308	42
1/24/2018 13:12	40.03992	52.04	74	0.04511	44
1/24/2018 13:12	40.05195	52.04	76	0.03308	46
1/24/2018 13:12	40.05195	52.052	78	0.03308	48
1/24/2018 13:12	40.05195	52.052	80	0.03308	50
1/24/2018 13:12	40.06097	52.052	82	0.02406	52
1/24/2018 13:12	40.05195	52.052	84	0.03308	54
1/24/2018 13:12	40.05495	52.064	86	0.03008	56
1/24/2018 13:12	40.06398	52.064	88	0.02105	58
1/24/2018 13:12	40.06398	52.064	90	0.02105	60
1/24/2018 13:12	40.06398	52.064	92	0.02105	62
1/24/2018 13:12	40.06398	52.064	94	0.02105	64
1/24/2018 13:12	40.06398	52.076	96	0.02105	66
1/24/2018 13:12	40.06398	52.076	98	0.02105	68
1/24/2018 13:12	40.06398	52.076	100	0.02105	70
1/24/2018 13:12	40.06398	52.076	102	0.02105	72
1/24/2018 13:12	40.06398	52.076	104	0.02105	74
1/24/2018 13:12	40.06398	52.088	106	0.02105	76
1/24/2018 13:12	40.07601	52.088	108	0.00902	78
1/24/2018 13:12	40.06398	52.088	110	0.02105	80
1/24/2018 13:12	40.07601	52.088	112	0.00902	82
1/24/2018 13:12	40.06398	52.088	114	0.02105	84
1/24/2018 13:12	40.06398	52.088	116	0.02105	86
1/24/2018 13:12	40.06398	52.088	118	0.02105	88
1/24/2018 13:12	40.07601	52.1	120	0.00902	90
1/24/2018 13:13	40.07601	52.1	122	0.00902	92

1/24/2018 13:13	40.06398	52.1	124	0.02105	94
1/24/2018 13:13	40.07601	52.1	126	0.00902	96
1/24/2018 13:13	40.07601	52.1	128	0.00902	98
1/24/2018 13:13	40.06999	52.112	130	0.01504	100
1/24/2018 13:13	40.06999	52.112	132	0.01504	102
1/24/2018 13:13	40.06999	52.112	134	0.01504	104
1/24/2018 13:13	40.06999	52.112	136	0.01504	106
1/24/2018 13:13	40.06999	52.112	138	0.01504	108
1/24/2018 13:13	40.06999	52.112	140	0.01504	110
1/24/2018 13:13	40.06999	52.124	142	0.01504	112
1/24/2018 13:13	40.06999	52.124	144	0.01504	114
1/24/2018 13:13	40.06999	52.124	146	0.01504	116
1/24/2018 13:13	40.06999	52.124	148	0.01504	118
1/24/2018 13:13	40.06999	52.124	150	0.01504	120
1/24/2018 13:13	40.06999	52.124	152	0.01504	122
1/24/2018 13:13	40.06999	52.124	154	0.01504	124
1/24/2018 13:13	40.07601	52.136	156	0.00902	126
1/24/2018 13:13	40.07601	52.136	158	0.00902	128
1/24/2018 13:13	40.07601	52.136	160	0.00902	130
1/24/2018 13:13	40.07601	52.136	162	0.00902	132
1/24/2018 13:13	40.07601	52.136	164	0.00902	134
1/24/2018 13:13	40.07601	52.136	166	0.00902	136
1/24/2018 13:13	40.07601	52.136	168	0.00902	138
1/24/2018 13:13	40.08503	52.136	170	0	140



Aquifer Parameters by the Bouwer and Rice Slug Test

Hydraulic Conductivity (ft/s): 2.48e-005

Transmissivity (sq ft/s): 2.00e-004

MW-5 Slug Out

MW-5 Slug Out

Data file for DataLogger.

COMPANY : <Company name>
 COMP.STATUS: Do
 DATE : 24/01/2018
 TIME : 11:42:17
 CREATED BY : Diver-Office 9.2.0.17

Instrument type =Micro-Diver=15
 Status =Started =0
 Serial number =..00-P9769 215.
 Instrument number = UTC-5
 =0
 Location =mw-5_2
 Sample period =S02
 Sample method =T
 Number of channels =2

[Channel 1]

Identification =PRESSURE
 Reference level =13.12336 ft
 Range =90.22310 ft
 Master level =0 m
 Altitude =0 ft

Date/time	Pressure[ft]	Temperature[°F]	Time (sec)	Drawdown (ft)	Adjusted Time (sec)
1/24/2018 11:37	41.80227	53.18	0	0.02406	
1/24/2018 11:38	41.80227	53.18	2	0.02406	
1/24/2018 11:38	41.80227	53.192	4	0.02406	
1/24/2018 11:38	41.80227	53.192	6	0.02406	
1/24/2018 11:38	41.81731	53.204	8	0.00902	
1/24/2018 11:38	41.80528	53.204	10	0.02105	
1/24/2018 11:38	41.80528	53.204	12	0.02105	
1/24/2018 11:38	41.80528	53.204	14	0.02105	
1/24/2018 11:38	41.80528	53.204	16	0.02105	
1/24/2018 11:38	41.80528	53.204	18	0.02105	
1/24/2018 11:38	41.80528	53.204	20	0.02105	
1/24/2018 11:38	41.80528	53.204	22	0.02105	
1/24/2018 11:38	41.79626	53.204	24	0.03007	
1/24/2018 11:38	41.80528	53.204	26	0.02105	
1/24/2018 11:38	41.80528	53.204	28	0.02105	
1/24/2018 11:38	41.80528	53.204	30	0.02105	
1/24/2018 11:38	41.80528	53.216	32	0.02105	0

1/24/2018 11:38	41.21582	53.216	34	0.61051	2
1/24/2018 11:38	41.77822	53.216	36	0.04811	4
1/24/2018 11:38	41.81731	53.216	38	0.00902	6
1/24/2018 11:38	41.81731	53.228	40	0.00902	8
1/24/2018 11:38	41.80528	53.228	42	0.02105	10
1/24/2018 11:38	41.81731	53.228	44	0.00902	12
1/24/2018 11:38	41.8113	53.24	46	0.01503	14
1/24/2018 11:38	41.8113	53.24	48	0.01503	16
1/24/2018 11:38	41.82333	53.24	50	0.003	18
1/24/2018 11:38	41.8113	53.24	52	0.01503	20
1/24/2018 11:38	41.8113	53.24	54	0.01503	22
1/24/2018 11:38	41.8113	53.252	56	0.01503	24
1/24/2018 11:38	41.8113	53.252	58	0.01503	26
1/24/2018 11:38	41.8113	53.252	60	0.01503	28
1/24/2018 11:39	41.8113	53.252	62	0.01503	30
1/24/2018 11:39	41.8113	53.252	64	0.01503	32
1/24/2018 11:39	41.8113	53.252	66	0.01503	34
1/24/2018 11:39	41.8113	53.252	68	0.01503	36
1/24/2018 11:39	41.8113	53.252	70	0.01503	38
1/24/2018 11:39	41.8113	53.264	72	0.01503	40
1/24/2018 11:39	41.8113	53.264	74	0.01503	42
1/24/2018 11:39	41.8113	53.264	76	0.01503	44
1/24/2018 11:39	41.8113	53.264	78	0.01503	46
1/24/2018 11:39	41.8113	53.264	80	0.01503	48
1/24/2018 11:39	41.8113	53.264	82	0.01503	50
1/24/2018 11:39	41.82333	53.264	84	0.003	52
1/24/2018 11:39	41.8113	53.264	86	0.01503	54
1/24/2018 11:39	41.81731	53.276	88	0.00902	56
1/24/2018 11:39	41.81731	53.276	90	0.00902	58
1/24/2018 11:39	41.81731	53.276	92	0.00902	60
1/24/2018 11:39	41.81731	53.276	94	0.00902	62
1/24/2018 11:39	41.81731	53.276	96	0.00902	64
1/24/2018 11:39	41.81731	53.276	98	0.00902	66
1/24/2018 11:39	41.81731	53.276	100	0.00902	68
1/24/2018 11:39	41.81731	53.276	102	0.00902	70
1/24/2018 11:39	41.81731	53.276	104	0.00902	72
1/24/2018 11:39	41.81731	53.276	106	0.00902	74
1/24/2018 11:39	41.81731	53.276	108	0.00902	76
1/24/2018 11:39	41.81731	53.276	110	0.00902	78
1/24/2018 11:39	41.81731	53.288	112	0.00902	80
1/24/2018 11:39	41.81731	53.288	114	0.00902	82
1/24/2018 11:39	41.81731	53.288	116	0.00902	84
1/24/2018 11:39	41.82633	53.288	118	0	86
1/24/2018 11:39	41.81731	53.288	120	0.00902	88

METCO

Environmental Consulting, Fuel System Design, Installation and Service

1/24/2018 11:40	41.81731	53.288	122	0.00902	90
1/24/2018 11:40	41.81731	53.288	124	0.00902	92
1/24/2018 11:40	41.81731	53.288	126	0.00902	94
1/24/2018 11:40	41.81731	53.288	128	0.00902	96
1/24/2018 11:40	41.81731	53.288	130	0.00902	98
1/24/2018 11:40	41.81731	53.288	132	0.00902	100
1/24/2018 11:40	41.80528	53.276	134	0.02105	102
1/24/2018 11:40	41.81731	53.276	136	0.00902	104
1/24/2018 11:40	41.81731	53.276	138	0.00902	106
1/24/2018 11:40	41.81731	53.276	140	0.00902	108
1/24/2018 11:40	41.81731	53.276	142	0.00902	110
1/24/2018 11:40	41.81731	53.276	144	0.00902	112
1/24/2018 11:40	41.81731	53.276	146	0.00902	114
1/24/2018 11:40	41.8113	53.264	148	0.01503	116
1/24/2018 11:40	41.8113	53.264	150	0.01503	118
1/24/2018 11:40	41.8113	53.264	152	0.01503	120
1/24/2018 11:40	41.8113	53.264	154	0.01503	122
1/24/2018 11:40	41.8113	53.264	156	0.01503	124
1/24/2018 11:40	41.8113	53.252	158	0.01503	126
1/24/2018 11:40	41.8113	53.252	160	0.01503	128
1/24/2018 11:40	41.8113	53.252	162	0.01503	130
1/24/2018 11:40	41.8113	53.252	164	0.01503	132
1/24/2018 11:40	41.8113	53.24	166	0.01503	134
1/24/2018 11:40	41.8113	53.24	168	0.01503	136
1/24/2018 11:40	41.8113	53.24	170	0.01503	138
1/24/2018 11:40	41.8113	53.24	172	0.01503	140
1/24/2018 11:40	41.81731	53.228	174	0.00902	142
1/24/2018 11:40	41.81731	53.228	176	0.00902	144
1/24/2018 11:40	41.80528	53.228	178	0.02105	146
1/24/2018 11:40	41.81731	53.216	180	0.00902	148
1/24/2018 11:41	41.81731	53.216	182	0.00902	150
1/24/2018 11:41	41.81731	53.216	184	0.00902	152
1/24/2018 11:41	41.81731	53.216	186	0.00902	154
1/24/2018 11:41	41.81731	53.216	188	0.00902	156
1/24/2018 11:41	41.81731	53.216	190	0.00902	158
1/24/2018 11:41	41.81731	53.204	192	0.00902	160
1/24/2018 11:41	41.81731	53.204	194	0.00902	162
1/24/2018 11:41	41.81731	53.204	196	0.00902	164
1/24/2018 11:41	41.80528	53.204	198	0.02105	166
1/24/2018 11:41	41.8113	53.192	200	0.01503	168
1/24/2018 11:41	41.8113	53.192	202	0.01503	170
1/24/2018 11:41	41.80227	53.192	204	0.02406	172
1/24/2018 11:41	41.8113	53.192	206	0.01503	174
1/24/2018 11:41	41.8113	53.192	208	0.01503	176

METCO

Environmental Consulting, Fuel System Design, Installation and Service

1/24/2018 11:41	41.8113	53.192	210	0.01503	178
1/24/2018 11:41	41.8113	53.192	212	0.01503	180
1/24/2018 11:41	41.80227	53.192	214	0.02406	182
1/24/2018 11:41	41.8113	53.192	216	0.01503	184
1/24/2018 11:41	41.8113	53.18	218	0.01503	186
1/24/2018 11:41	41.8113	53.192	220	0.01503	188
1/24/2018 11:41	41.8113	53.18	222	0.01503	190
1/24/2018 11:41	41.8113	53.18	224	0.01503	192
1/24/2018 11:41	41.8113	53.18	226	0.01503	194
1/24/2018 11:41	41.8113	53.18	228	0.01503	196
1/24/2018 11:41	41.8113	53.168	230	0.01503	198
1/24/2018 11:41	41.8113	53.168	232	0.01503	200
1/24/2018 11:41	41.8113	53.168	234	0.01503	202
1/24/2018 11:41	41.81731	53.156	236	0.00902	204
1/24/2018 11:41	41.81731	53.156	238	0.00902	206
1/24/2018 11:41	41.81731	53.144	240	0.00902	208
1/24/2018 11:42	41.81731	53.144	242	0.00902	210
1/24/2018 11:42	41.82633	53.132	244	0	212

LUST and Petroleum Analytical and QA Guidance
July 1993 Revision

Petroleum Substance Discharged	Analysis of Samples Collected for UST Tank Closure Assessments	Solid Waste Program Requirements for Soils to be landfilled ⁵	Site Investigation, Pretreatment and Posttreatment Sample Analysis ¹¹
Regular Gasoline	GRO ²	Free Liquids ⁶ GRO Benzene ⁷ Pb ⁷ Haz. Waste Deter. ⁸	GRO VOC/PVOC ¹⁵ Pb ¹²
Unleaded Gasoline; Grades 80 100, and 100 LL (Low Lead) Aviation Fuel	GRO ²	Free Liquids ⁶ GRO Benzene ⁷ Pb ⁷ Haz. Waste Deter. ⁸	GRO PVOC
Diesel; Jet Fuels; and No's 1, 2, and 4 Fuel Oil	DRO ³	Free Liquids ⁶ DRO Benzene ⁷ Haz. Waste Deter. ⁸	DRO ³ PVOC PAH ^{13 14}
Crude Oil; Lubricating Oils; No. 6 Fuel Oil	DRO ³	Free Liquids ⁶ DRO Haz. Waste Deter. ⁸	DRO ³ PAH ^{13 14}
Unknown Petroleum	GRO ⁷ and DRO ^{3 4}	Free Liquids ⁶ GRO and DRO Pb, Cd ⁷ Haz. Waste Deter. ⁸ CN ¹⁹ S ^{2 10}	GRO and DRO ^{3 4} VOC/PVOC ¹⁵ PAH ^{13 14} Pb, Cd ¹²
Waste Oil	DRO ³	Free Liquids ⁶ DRO Pb, Cd ⁷ Haz. Waste Deter. ⁸ CN ¹⁹ S ^{2 10}	DRO ³ VOC/PVOC ¹⁵ PAH ^{13 14} PCBs ¹⁶ Pb, Cd ¹²

Abbreviations:

GRO - Gasoline Range Organics, Determined by the Wisconsin Modified GRO Method

DRO - Diesel Range Organics, Determined by the Wisconsin Modified DRO Method

VOC - Volatile Organic Compounds (See Section 11.1 for a list of VOC compounds)

PVOC - Petroleum Organic Compounds (See Section 11.2 for a list of PVOC compounds)

PAH - Polynuclear Aromatic Hydrocarbons (See Section 11.3 for a list of the PAH compounds)

PCBs - Polychlorinated Biphenyls

Pb - Lead

SYNERGY ENVIRONMENTAL LAB – Sample Bottle Requirements

**TABLE 1
SAMPLE & PRESERVATION REQUIREMENTS FOR WATER and
DRINKING WATER SAMPLES**

Test	Original Sample Container	Preserved	Holding Time to Analysis
WET CHEMISTRY			
Alkalinity SM2320B/EPA 310.2	250 mL HDPE	4°C	14 days
Ammonia EPA 350.1	250 mL HDPE	4°C, pH<2 with H ₂ SO ₄	28 days
BOD, cBOD SM5210B	500 ml HDPE	4°C	48 hrs.
COD EPA 410.4	500 ml HDPE	4°C, pH<2 with H ₂ SO ₄	28 days
Chloride EPA 300.0/EPA 325.2	250 mL HDPE	4°C	28 days
Cyanide SW846 9012A/SM4500-CN-C	1000 mL HDPE	4°C, pH>12 with NaOH	14 days
Flashpoint SW846 1010	250 mL HDPE	4°C	28 days
Fluoride EPA 300.0	250 mL HDPE	4°C	28 days
Hardness SW846 6010B	250 mL HDPE	4°C, pH<2 with HNO ₃	180 days
TKN EPA 351.2	1 Liter HDPE	4°C, pH<2 with H ₂ SO ₄	28 days
Nitrate EPA 300.0	250 mL HDPE	4°C	48 hours
Nitrate+Nitrite EPA 300.0	250 mL HDPE	4°C, pH<2 with H ₂ SO ₄	28 days
Nitrite EPA 300.0	250 mL HDPE	4°C	48 hours
Oil & Grease EPA 1664	1 Liter Glass	4°C, pH<2 with H ₂ SO ₄	28 days
Organic Carbon SW846 9060/ EPA 415.1	40 ml Glass	4°C, pH<2 with H ₂ SO ₄ or HCL	28 days
Phenol, Total EPA 420.1	1 Liter Glass	4°C, pH<2 with H ₂ SO ₄	28 days
Phosphorus, Total EPA 365.3	250 mL HDPE	4°C, pH<2 with H ₂ SO ₄	28 days
Sulfate EPA 300.0	250 mL HDPE	4°C	28 days
Total Dissolved Solids EPA 160.1	250 ml HDPE	4°C	7 days
Total Solids EPA 160.3	250 ml HDPE	4°C	7 days
Total Suspended Solids EPA 160.2	250 mL HDPE	4°C	7 days
METALS			
Metals	250 mL HDPE	4°C, pH<2 with HNO ₃	6 months
Mercury SW8467470/EPA 245.1	250 mL HDPE	4°C, pH<2 with HNO ₃	28 days
ORGANICS			
Semivolatiles SW846 8270C	1 Liter amber glass, collect 2 for one of the samples submitted .	4°C	7 days extr. 40 days following extr
PAH SW846 8270C	1 Liter amber glass, collect 2 for one of the samples submitted	4°C	7 days extr. 40 days following extr
PCB SW846 8082	1 Liter amber glass, collect 2 for one of the samples submitted.	4°C	7 days extr. 40 days following extr
DRO, Modified DNR Sep 95	1 Liter amber glass with Teflon lined cap	4°C, 5 mL 50% HCl	7 days extr. 40 days following extr
VOC'S SW846 8260B/EPA524.2	(3) 40 mL glass vials with Teflon lined septum caps	4°C, 0.5 mL 50% HCl, No Headspace	14 days
GRO/VOC	(4) 40 mL glass vials with Teflon lined septum caps	4°C, 0.5 mL 50% HCl prior to adding sample to jar	14 days
GRO, Modified DNR Sep 95	(2) 40 mL glass vials with Teflon lined septum caps	4°C, 0.5 mL 50% HCl prior to adding sample to jar	14 days
GRO/PVOC	(2) 40 mL glass vials with Teflon lined septum caps	4°C, 0.5 mL 50% HCl prior to adding sample to jar	14 days
PVOC	(2) 40 mL glass vials with Teflon lined septum caps	4°C, 0.5 mL 50% HCl prior to adding sample to jar	14 days

All samples are to be cooled to 4°C until tested.
HDPE = High Density Polyethylene.

SYNERGY ENVIRONMENTAL LAB – Sample Bottle Requirements

**TABLE 2
SAMPLE & PRESERVATION REQUIREMENTS FOR SOIL SAMPLES**

Test	Original Sample Container	Preserved	Holding Times from Date and Time of Collection			
			Solvent Addition	Shipping	Extraction	Analysis
METALS						
Metals	2 oz glass or soil cup	4°C	NA	NA	NA	180 days
Mercury SW846 7471	2 oz glass or soil cup	4°C	NA	NA	NA	28 days
Chromium Hexavalent SM3500-Cr	2 oz glass or soil cup	4°C	NA	NA	NA	24 hours
ORGANICS						
Any combinations of GRO, VOC, PVOC	1- tared VOC vial with 10 mls methanol, 13 grams of soil collected with syringe	4°C, 1:1 with methanol	Immediately	4 days	21 days	21 days
DRO, Modified	1- tared VOC vial, 13 grams of soil collected with syringe jar	4°C, Hexane	10 days	4 days	47 days	47 days
PAH, SW846 8270C	2 oz glass untared	4°C	NA	NA	14 days	40 days
Semivolatile SW846 8270C	2 oz glass untared	4°C	NA	NA	14 days	40 days
PCB SW846 8082	2 oz glass untared	4°C	NA	NA	14 days	40 days

All samples are to be cooled to 4°C until tested.

NR140 Substance	NR 140 CAS	Fed MCL (ug/l) (If Red, MCL>ES)	NR 140 ES (ug/l)	RCL-gw (mg/kg) DF=1	Use 2, or input the calculated site-specific DF ->	2.00	INPUT NUMERIC Site Data Max (mg/kg)	Flag E = Individual Exceedance!
Acetochlor	34256-82-1	-	7	5.58E-03		1.12E-02		
Acetone	67-64-1	-	9000	1.85E+00		3.69E+00		
Alachlor	15972-60-8	2	2	1.65E-03		3.30E-03		
Aldicarb	116-06-3	3	10	2.49E-03		4.99E-03		
Aluminum	7429-90-5	-	200	3.01E+02		6.01E+02		
Antimony	7440-36-0	6	6	2.71E-01		5.42E-01		
Anthracene	120-12-7	-	3000	9.84E+01		1.97E+02		
Arsenic	7440-38-2	10	10	2.92E-01		5.84E-01		
Atrazine, total chlorinated residues	1912-24-9	3	3	1.95E-03		3.90E-03		
Barium	7440-39-3	2000	2000	8.24E+01		1.65E+02		
Bentazon	25057-89-0	-	300	6.59E-02		1.32E-01		
Benzene	71-43-2	5	5	2.56E-03		5.12E-03		
Benzo(a)pyrene (PAH)	50-32-8	0.2	0.2	2.35E-01		4.70E-01		
Benzo(b)fluoranthene (PAH)	205-99-2	-	0.2	2.40E-01		4.80E-01		
Beryllium	7440-41-7	4	4	3.16E+00		6.32E+00		
Boron	7440-42-8	-	1000	3.20E+00		6.40E+00		
Bromodichloromethane (THM)	75-27-4	80	0.6	1.63E-04		3.26E-04		
Bromoform (THM)	75-25-2	80	4.4	1.17E-03		2.33E-03		
Bromomethane	74-83-9	-	10	2.53E-03		5.06E-03		
Butylate	2008-41-5	-	400	3.88E-01		7.76E-01		
Cadmium	7440-43-9	5	5	3.76E-01		7.52E-01		
Carbaryl	63-25-2	-	40	3.64E-02		7.27E-02		
Carbofuran	1563-66-2	40	40	1.56E-02		3.12E-02		
Carbon disulfide	75-15-0	-	1000	2.97E-01		5.93E-01		
Carbon tetrachloride	56-23-5	5	5	1.94E-03		3.88E-03		
Chloramben	133-90-4	-	150	3.63E-02		7.27E-02		
Chlorodifluoromethane	75-45-6	-	7000	2.89E+00		5.79E+00		
Chloroethane	75-00-3	-	400	1.13E-01		2.27E-01		
Chloroform (THM)	67-66-3	80	6	1.67E-03		3.33E-03		
Chlorpyrifos	2921-88-2	-	2	2.95E-02		5.90E-02		
Chloromethane	74-87-3	-	30	7.76E-03		1.55E-02		
Chromium (total)	7440-47-3	100	100	1.80E+05		3.60E+05		
Chrysene (PAH)	218-01-9	-	0.2	7.25E-02		1.45E-01		
Cobalt	7440-48-4	-	40	1.81E+00		3.62E+00		
Copper	7440-50-8	1300	1300	4.58E+01		9.16E+01		
Cyanazine	21725-46-2	-	1	4.68E-04		9.37E-04		
Cyanide, free	57-12-5	200	200	2.02E+00		4.04E+00		
Dacthal (DCPA)	1861-32-1	-	70	8.56E-02		1.71E-01		
1,2-Dibromoethane	106-93-4	0.05	0.05	1.41E-05		2.82E-05		
Dibromochloromethane (THM)	124-48-1	80	60	1.60E-02		3.20E-02		
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	0.2	0.2	8.64E-05		1.73E-04		
Dibutyl phthalate	84-74-2	-	1000	2.52E+00		5.04E+00		
Dicamba	1918-00-9	-	300	7.76E-02		1.55E-01		
1,2-Dichlorobenzene	95-50-1	600	600	5.84E-01		1.17E+00		
1,3-Dichlorobenzene	541-73-1	-	600	5.76E-01		1.15E+00		
1,4-Dichlorobenzene	106-46-7	75	75	7.20E-02		1.44E-01		
Dichlorodifluoromethane	75-71-8	-	1000	1.54E+00		3.08E+00		
1,1-Dichloroethane	75-34-3	-	850	2.42E-01		4.84E-01		
1,2-Dichloroethane	107-06-2	5	5	1.42E-03		2.84E-03		
1,1-Dichloroethylene	75-35-4	7	7	2.51E-03		5.02E-03		
1,2-Dichloroethylene (cis)	156-59-2	70	70	2.06E-02		4.12E-02		
1,2-Dichloroethylene (trans)	156-60-5	100	100	2.94E-02		5.88E-02		
2,4-Dichlorophenoxyacetic acid (2,4-D)	94-75-7	70	70	1.81E-02		3.62E-02		
1,2-Dichloropropane	78-87-5	5	5	1.66E-03		3.32E-03		
1,2-Dichloropropane (trans) (toluene)	542-75-6	-	0.4	1.43E-04		2.85E-04		
Di (2-ethylhexyl) phthalate	117-81-7	6	6	1.44E+00		2.88E+00		
Dimethoate	60-51-5	-	2	4.51E-04		9.02E-04		
2,4-Dinitrotoluene	121-14-2	-	0.05	6.76E-05		1.35E-04		
2,6-Dinitrotoluene	606-20-2	-	0.05	6.88E-05		1.38E-04		
Dinitrotoluene, Total Residues	25321-14-6	-	0.05	6.89E-05		1.38E-04		
Dinoseb	88-85-7	7	7	6.15E-02		1.23E-01		
1,4-Dioxane (p-dioxane)	123-91-1	-	3	6.18E-04		1.24E-03		
Dioxin (2,3,7,8-TCDD)	1746-01-6	0	0	1.50E-05		3.00E-05		
Endrin	72-20-8	2	2	8.08E-02		1.62E-01		
EPTC	759-94-4	-	250	1.32E-01		2.64E-01		
Ethylbenzene	100-41-4	700	700	7.85E-01		1.57E+00		
Ethyl Ether (Diethyl Ether)	60-29-7	-	1000	2.24E-01		4.47E-01		
Ethylene glycol	107-21-1	-	14000	2.82E+00		5.64E+00		
Fluoranthene	206-44-0	-	400	4.44E+01		8.88E+01		
Fluorene (PAH)	86-73-7	-	400	7.41E+00		1.48E+01		

Type BRRTS No.
Here (If Known).
Assess groundwater
levels separately.



Re-assess if Cr-VI present

Residual Contaminant Levels Protective of Groundwater Quality
 (Soil-to-Groundwater Scenario Results from: http://epa-prgs.ornl.gov/cgi-bin/chemicals/csl_search)

NR140 Substance	NR 140 CAS	Fed MCL (ug/l) (If Red, MCL>ES)	NR 140 ES (ug/l)	RCL-gw (mg/kg) DF=1	Use 2, or input the calculated site-specific DF ->	2.00	INPUT NUMERIC Site Data Max (mg/kg)	Flag E = Individual Exceedance!
Fluoride	7782-41-4	4000	4000	6.01E+02			1.20E+03	
Fluorotrichloromethane	75-69-4	-	3490	2.23E+00			4.47E+00	
Formaldehyde	50-00-0	-	1000	2.02E-01			4.04E-01	
Heptachlor	76-44-8	0.4	0.4	3.31E-02			6.62E-02	
Heptachlor epoxide	1024-57-3	0.2	0.2	4.08E-03			8.16E-03	
Hexachlorobenzene	118-74-1	1	1	1.26E-02			2.52E-02	
n-Hexane	110-54-3	-	600	4.22E+00			8.44E+00	
Lead	7439-92-1	15	15	1.35E+01			2.70E+01	
Lindane	58-89-9	0.2	0.2	1.16E-03			2.32E-03	
Manganese	7439-96-5	-	300	1.96E+01			3.91E+01	
Mercury	7439-97-6	2	2	1.04E-01			2.08E-01	
Methanol	67-56-1	-	5000	1.01E+00			2.03E+00	
Methoxychlor	72-43-5	40	40	2.16E+00			4.32E+00	
Methylene chloride	75-09-2	5	5	1.28E-03			2.56E-03	
Methyl ethyl ketone (MEK)	78-93-3	-	4000	8.39E-01			1.68E+00	
Methyl isobutyl ketone (MIBK)	108-10-1	-	500	1.13E-01			2.26E-01	
Methyl tert-butyl ether (MTBE)	1634-04-4	-	60	1.35E-02			2.70E-02	
Metolachlor/s-Metolachlor	51218-45-2	-	100	1.17E-01			2.34E-01	
Metribuzin	21087-64-9	-	70	2.14E-02			4.28E-02	
Molybdenum	7439-98-7	-	40	8.08E-01			1.62E+00	
Monochlorobenzene	108-90-7	100	100	6.79E-02			1.36E-01	
Naphthalene	91-20-3	-	100	3.29E-01			6.59E-01	
Nickel	7440-02-0	-	100	6.50E+00			1.30E+01	
N-Nitrosodiphenylamine (NDPA)	86-30-6	-	7	3.82E-02			7.64E-02	
Pentachlorophenol (PCP)	87-86-5	1	1	1.01E-02			2.02E-02	
Phenol	108-95-2	-	2000	1.15E+00			2.30E+00	
Picloram	1918-02-1	500	500	1.39E-01			2.78E-01	
Polychlorinated biphenyls (PCBs)	1336-36-3	0.5	0.03	4.69E-03			9.38E-03	
Prometon	1610-18-0	-	100	4.75E-02			9.49E-02	
Propazine	139-40-2	-	10	8.86E-03			1.77E-02	
Pyrene (PAH)	129-00-0	-	250	2.72E+01			5.45E+01	
Pyridine	110-86-1	-	10	3.44E-03			6.87E-03	
Selenium	7782-49-2	50	50	2.60E-01			5.20E-01	
Silver	7440-22-4	-	50	4.25E-01			8.50E-01	
Simazine	122-34-9	4	4	1.97E-03			3.94E-03	
Styrene	100-42-5	100	100	1.10E-01			2.20E-01	
Tertiary Butyl Alcohol (TBA)	75-65-0	-	12	2.45E-03			4.90E-03	
1,1,1,2-Tetrachloroethane	630-20-6	-	70	2.67E-02			5.33E-02	
1,1,2,2-Tetrachloroethane	79-34-5	-	0.2	7.80E-05			1.56E-04	
Tetrachloroethylene (PCE)	127-18-4	5	5	2.27E-03			4.54E-03	
Tetrahydrofuran	109-99-9	-	50	1.11E-02			2.22E-02	
Thallium	7440-28-0	2	2	1.42E-01			2.84E-01	
Toluene	108-88-3	1000	800	5.54E-01			1.11E+00	
Toxaphene	8001-35-2	3	3	4.64E-01			9.28E-01	
1,2,4-Trichlorobenzene	120-82-1	70	70	2.04E-01			4.08E-01	
1,1,1-Trichloroethane	71-55-6	200	200	7.01E-02			1.40E-01	
1,1,2-Trichloroethane	79-00-5	5	5	1.62E-03			3.24E-03	
Trichloroethylene (TCE)	79-01-6	5	5	1.79E-03			3.58E-03	
1,1,1-Trichloroethane	93-72-1	50	50	2.75E-02			5.50E-02	
1,2,3-Trichloropropane	96-18-4	-	60	2.60E-02			5.20E-02	
Trifluralin	1582-09-8	-	7.5	2.48E-01			4.95E-01	
Trifluoromethane (1,1,1,2,2,2-hexafluoroethane)	95-63-6 / 108-67-8	-	480	6.90E-01			1.38E+00	
Vanadium	7440-62-2	-	-	-			-	
Vinyl chloride	75-01-4	2	0.2	6.90E-05			1.38E-04	
Xylenes (m-, o-, p- combined)	1330-20-7	10000	2000	1.97E+00			3.94E+00	

Type BRRTS No.
Here (If Known).
Assess groundwater
levels separately.

Site-specific

Resident Equation Inputs for Soil

Variable	Value
THQ (target hazard quotient) unitless	1
TR (target risk) unitless	1.0E-6
LT (lifetime) year	70
ET _{rac} (exposure time) hour	24
ET _{rac-c} (child exposure time) hour	24
ET _{rac-a} (adult exposure time) hour	24
ET _{n,7} (mutagenic exposure time) hour	24
ET _{7,6} (mutagenic exposure time) hour	24
ET _{6,16} (mutagenic exposure time) hour	24
ET _{16,26} (mutagenic exposure time) hour	24
ED _{rac} (exposure duration) year	26
ED _{rac-c} (exposure duration - child) year	6
ED _{rac-a} (exposure duration - adult) year	20
ED _{n,7} (mutagenic exposure duration) year	2
ED _{7,6} (mutagenic exposure duration) year	4
ED _{6,16} (mutagenic exposure duration) year	10
ED _{16,26} (mutagenic exposure duration) year	10
BW _{rac-c} (body weight - child) kg	15
BW _{rac-a} (body weight - adult) kg	80
BW _{n,7} (mutagenic body weight) kg	15
BW _{7,6} (mutagenic body weight) kg	15
BW _{6,16} (mutagenic body weight) kg	80
BW _{16,26} (mutagenic body weight) kg	80
SA _{res-c} (skin surface area - child) cm ² /day	2373
SA _{res-a} (skin surface area - adult) cm ² /day	6032
SA ₀₋₂ (mutagenic skin surface area) cm ² /day	2373
SA ₂₋₆ (mutagenic skin surface area) cm ² /day	2373
SA ₆₋₁₆ (mutagenic skin surface area) cm ² /day	6032
SA ₁₆₋₂₆ (mutagenic skin surface area) cm ² /day	6032
EF _{rac} (exposure frequency) day/year	350
EF _{rac-c} (exposure frequency - child) day/year	350
EF _{rac-a} (exposure frequency - adult) day/year	350
EF ₀₋₂ (mutagenic exposure frequency) day/year	350

Site-specific

Resident Equation Inputs for Soil

Variable	Value
EF ₂₋₆ (mutagenic exposure frequency) day/year	350
EF ₆₋₁₆ (mutagenic exposure frequency) day/year	350
EF ₁₆₋₂₆ (mutagenic exposure frequency) day/year	350
IFS _{res-0-1} (age-adjusted soil ingestion factor) mg/kg	36750
IFSM _{res-0-1} (mutagenic age-adjusted soil ingestion factor) mg/kg	166833.33
IRS _{res-0-1} (soil intake rate - child) mg/day	200
IRS _{res-0-1} (soil intake rate - adult) mg/day	100
IRS ₀₋₂ (mutagenic soil intake rate) mg/day	200
IRS ₂₋₆ (mutagenic soil intake rate) mg/day	200
IRS ₆₋₁₆ (mutagenic soil intake rate) mg/day	100
IRS ₁₆₋₂₆ (mutagenic soil intake rate) mg/day	100
AF _{res-a} (skin adherence factor - adult) mg/cm ²	0.07
AF _{res-c} (skin adherence factor - child) mg/cm ²	0.2
AF ₀₋₂ (mutagenic skin adherence factor) mg/cm ²	0.2
AF ₂₋₆ (mutagenic skin adherence factor) mg/cm ²	0.2
AF ₆₋₁₆ (mutagenic skin adherence factor) mg/cm ²	0.07
AF ₁₆₋₂₆ (mutagenic skin adherence factor) mg/cm ²	0.07
DFS _{res-0-1} (age-adjusted soil dermal factor) mg/kg	103390
DFSM _{res-0-1} (mutagenic age-adjusted soil dermal factor) mg/kg	428260
City (Climate Zone) PEF Selection	Chicago, IL (7)
A _c (acres)	.5
Q/C _{wp} (g/m ² -s per kg/m ³)	98.430714368855
PEF (particulate emission factor) m ³ /kg	1560521176.9649
A (PEF Dispersion Constant)	16.8653
B (PEF Dispersion Constant)	18.7848
C (PEF Dispersion Constant)	215.0624
V (fraction of vegetative cover) unitless	0.5
U _m (mean annual wind speed) m/s	4.65
U _t (equivalent threshold value)	11.32
F(x) (function dependant on U _m /U _t) unitless	0.182
City (Climate Zone) VF Selection	Chicago, IL (7)
A _c (acres)	.5
Q/C _{vol} (g/m ² -s per kg/m ³)	98.430714368855

Site-specific

Resident Equation Inputs for Soil

Variable	Value
foc (fraction organic carbon in soil) g/g	0.006
ρ_b (dry soil bulk density) g/cm ³	1.5
ρ_s (soil particle density) g/cm ³	2.65
n (total soil porosity) L_{pore}/L_{cell}	0.43396
θ_a (air-filled soil porosity) L_{air}/L_{cell}	0.28396
θ_w (water-filled soil porosity) L_{water}/L_{cell}	0.15
T (exposure interval) s	819936000
A (VF Dispersion Constant)	16.8653
B (VF Dispersion Constant)	18.7848
C (VF Dispersion Constant)	215.0624
City (Climate Zone) VF _{max} Selection	Chicago, IL (7)
VF _s (volitization factor) m ³ /kg	.
Q/C _{vol} (g/m ² -s per kg/m ³)	98.430714368855
A _s (acres)	.5
T (exposure interval) yr	26
d _s (depth of source) m	.
ρ_b (dry soil bulk density) g/cm ³	1.5
A (VF Dispersion Constant - Mass Limit)	16.8653
B (VF Dispersion Constant - Mass Limit)	18.7848
C (VF Dispersion Constant - Mass Limit)	215.0624

Site-specific

Resident Screening Levels (RSL) for Soil

ca=Cancer, nc=Noncancer, ca* (Where nc SL < 100 x ca SL)

ca** (Where nc SL < 10 x ca SL), max=SL exceeds ceiling limit (see User's Guide), sat=SL exceeds csat,

Smax=Soil SL exceeds ceiling limit and has been substituted with the max value (see User's Guide).

Ssat=Soil Inhalation SL exceeds csat and has been substituted with the csat

Chemical	CAS Number	Mutagen?	VOC?	Ingestion SF		Inhalation Unit		Chronic RfD (mg/kg-day)	Chronic RfD Ref	Chronic RfC (mg/m ³)	Chronic RfC Ref
				(mg/kg-day) ⁻¹	SFO Ref	(ug/m ³) ⁻¹	IUR Ref				
Benzene	71-43-2	No	Yes	5.50E-02	I	7.80E-06	I	4.00E-03	I	3.00E-02	I
Dibromoethane, 1,2-	106-93-4	No	Yes	2.00E+00	I	6.00E-04	I	9.00E-03	I	9.00E-03	I
Dichloroethane, 1,2-	107-06-2	No	Yes	9.10E-02	I	2.60E-05	I	6.00E-03	S	7.00E-03	P
Ethylbenzene	100-41-4	No	Yes	1.10E-02	C	2.50E-06	C	1.00E-01	I	1.00E+00	I
Lead and Compounds	7439-92-1	No	No	-	-	-	-	-	-	-	-
Methyl tert-Butyl Ether (MTBE)	1634-04-4	No	Yes	1.80E-03	C	2.60E-07	C	-	-	3.00E+00	I
Acenaphthene	83-32-9	No	Yes	-	-	-	-	6.00E-02	I	-	-
Anthracene	120-12-7	No	Yes	-	-	-	-	3.00E-01	I	-	-
Benz[a]anthracene	56-55-3	Yes	Yes	7.30E-01	W	1.10E-04	C	-	-	-	-
Benzo(j)fluoranthene	205-82-3	No	No	1.20E+00	C	1.10E-04	C	-	-	-	-
Benzo[a]pyrene	50-32-8	Yes	No	7.30E+00	I	1.10E-03	C	-	-	-	-
Benzo[b]fluoranthene	205-99-2	Yes	No	7.30E-01	W	1.10E-04	C	-	-	-	-
Benzo[k]fluoranthene	207-08-9	Yes	No	7.30E-02	W	1.10E-04	C	-	-	-	-
Chrysene	218-01-9	Yes	No	7.30E-03	W	1.10E-05	C	-	-	-	-
Dibenz[a,h]anthracene	53-70-3	Yes	No	7.30E+00	W	1.20E-03	C	-	-	-	-
Dibenzo(a,e)pyrene	192-65-4	No	No	1.20E+01	C	1.10E-03	C	-	-	-	-
Dimethylbenz(a)anthracene, 7,12-	57-97-6	Yes	No	2.50E+02	C	7.10E-02	C	-	-	-	-
Fluoranthene	206-44-0	No	No	-	-	-	-	4.00E-02	I	-	-
Fluorene	86-73-7	No	Yes	-	-	-	-	4.00E-02	I	-	-
Indeno[1,2,3-cd]pyrene	193-39-5	Yes	No	7.30E-01	W	1.10E-04	C	-	-	-	-
Methylnaphthalene, 1-	90-12-0	No	Yes	2.90E-02	P	-	-	7.00E-02	A	-	-
Methylnaphthalene, 2-	91-57-6	No	Yes	-	-	-	-	4.00E-03	I	-	-
Naphthalene	91-20-3	No	Yes	-	-	3.40E-05	C	2.00E-02	I	3.00E-03	I
Nitropyrene, 4-	57835-92-4	No	No	1.20E+00	C	1.10E-04	C	-	-	-	-
Pyrene	129-00-0	No	Yes	-	-	-	-	3.00E-02	I	-	-
Toluene	108-88-3	No	Yes	-	-	-	-	8.00E-02	I	5.00E+00	I
Trimethylbenzene, 1,2,4-	95-63-6	No	Yes	-	-	-	-	-	-	7.00E-03	P
Trimethylbenzene, 1,3,5-	108-67-8	No	Yes	-	-	-	-	1.00E-02	S	-	-
Xylenes	1330-20-7	No	Yes	-	-	-	-	2.00E-01	I	1.00E-01	I

Site-specific

Resident Screening Levels (RSL) for Soil

ca=Cancer, nc=Noncancer, ca* (Where nc SL < 100 x ca SL).

ca** (Where nc SL < 10 x ca SL), max=SL exceeds ceiling limit (see User's Guide), sat=SL exceeds csat,

Smax=Soil SL exceeds ceiling limit and has been substituted with the max value (see User's Guide),

Ssat=Soil Inhalation SL exceeds csat and has been substituted with the csat

Chemical	GIABS	ABS	RBA	Volatilization	Soil	Particulate	Ingestion	Dermal	Inhalation	Carcinogenic
				Factor	Concentration	Emission	SL	SL	SL	SL
				(m ³ /kg)	(mg/kg)	(m ³ /kg)	TR=1.0E-6 (mg/kg)	TR=1.0E-6 (mg/kg)	TR=1.0E-6 (mg/kg)	TR=1.0E-6 (mg/kg)
Benzene	1	-	1	5.10E+03	1.82E+03	1.56E+09	1.26E+01	-	1.84E+00	1.60E+00
Dibromoethane, 1,2-	1	-	1	1.25E+04	1.34E+03	1.56E+09	3.48E-01	-	5.84E-02	5.00E-02
Dichloroethane, 1,2-	1	-	1	6.60E+03	2.98E+03	1.56E+09	7.64E+00	-	7.13E-01	6.52E-01
Ethylbenzene	1	-	1	8.18E+03	4.80E+02	1.56E+09	6.32E+01	-	9.19E+00	8.02E+00
Lead and Compounds	1	-	1	-	-	1.56E+09	-	-	-	-
Methyl tert-Butyl Ether (MTBE)	1	-	1	7.08E+03	8.87E+03	1.56E+09	3.86E+02	-	7.64E+01	6.38E+01
Acenaphthene	1	0.13	1	2.03E+05	-	1.56E+09	-	-	-	-
Anthracene	1	0.13	1	7.56E+05	-	1.56E+09	-	-	-	-
Benz[a]anthracene	1	0.13	1	6.37E+06	-	1.56E+09	2.10E-01	6.29E-01	5.85E+01	1.57E-01
Benzo(j)fluoranthene	1	0.13	1	-	-	1.56E+09	5.79E-01	1.58E+00	3.98E+04	4.24E-01
Benzo[a]pyrene	1	0.13	1	-	-	1.56E+09	2.10E-02	6.29E-02	1.44E+03	1.57E-02
Benzo[b]fluoranthene	1	0.13	1	-	-	1.56E+09	2.10E-01	6.29E-01	1.44E+04	1.57E-01
Benzo[k]fluoranthene	1	0.13	1	-	-	1.56E+09	2.10E+00	6.29E+00	1.44E+04	1.57E+00
Chrysene	1	0.13	1	-	-	1.56E+09	2.10E+01	6.29E+01	1.44E+05	1.57E+01
Dibenz[a,h]anthracene	1	0.13	1	-	-	1.56E+09	2.10E-02	6.29E-02	1.32E+03	1.57E-02
Dibenzo(a,e)pyrene	1	0.13	1	-	-	1.56E+09	5.79E-02	1.58E-01	3.98E+03	4.24E-02
Dimethylbenz(a)anthracene, 7,12-	1	0.13	1	-	-	1.56E+09	6.13E-04	1.84E-03	2.23E+01	4.59E-04
Fluoranthene	1	0.13	1	-	-	1.56E+09	-	-	-	-
Fluorene	1	0.13	1	4.06E+05	-	1.56E+09	-	-	-	-
Indeno[1,2,3-cd]pyrene	1	0.13	1	-	-	1.56E+09	2.10E-01	6.29E-01	1.44E+04	1.57E-01
Methylnaphthalene, 1-	1	0.13	1	8.46E+04	3.94E+02	1.56E+09	2.40E+01	6.55E+01	-	1.76E+01
Methylnaphthalene, 2-	1	0.13	1	8.37E+04	-	1.56E+09	-	-	-	-
Naphthalene	1	0.13	1	6.69E+04	-	1.56E+09	-	-	5.52E+00	5.52E+00
Nitropyrene, 4-	1	0.13	1	-	-	1.56E+09	5.79E-01	1.58E+00	3.98E+04	4.24E-01
Pyrene	1	0.13	1	3.43E+06	-	1.56E+09	-	-	-	-
Toluene	1	-	1	6.19E+03	8.18E+02	1.56E+09	-	-	-	-
Trimethylbenzene, 1,2,4-	1	-	1	1.14E+04	2.19E+02	1.56E+09	-	-	-	-
Trimethylbenzene, 1,3,5-	1	-	1	9.54E+03	1.82E+02	1.56E+09	-	-	-	-
Xylenes	1	-	1	8.28E+03	2.60E+02	1.56E+09	-	-	-	-

Site-specific

Resident Screening Levels (RSL) for Soil

ca=Cancer, nc=Noncancer, ca* (Where nc SL < 100 x ca SL)

ca** (Where nc SL < 10 x ca SL), max=SL exceeds ceiling limit (see User's Guide), sat=SL exceeds csat,

Smax=Soil SL exceeds ceiling limit and has been substituted with the max value (see User's Guide).

Ssat=Soil inhalation SL exceeds csat and has been substituted with the csat

Chemical	Ingestion	Dermal	Inhalation	Noncarcinogenic	Ingestion	Dermal	Inhalation	Noncarcinogenic	Screening Level (mg/kg)
	SL	SL	SL	SL	SL	SL	SL	SL	
	Child THQ=1 (mg/kg)	Child THQ=1 (mg/kg)	Child THQ=1 (mg/kg)	Child THI=1 (mg/kg)	Adult THQ=1 (mg/kg)	Adult THQ=1 (mg/kg)	Adult THQ=1 (mg/kg)	Adult THI=1 (mg/kg)	
Benzene	3.13E+02	-	1.60E+02	1.06E+02	3.34E+03	-	1.60E+02	1.52E+02	1.60E+00 ca*
Dibromoethane, 1,2-	7.04E+02	-	1.17E+02	1.00E+02	7.51E+03	-	1.17E+02	1.15E+02	5.00E-02 ca*
Dichloroethane, 1,2-	4.69E+02	-	4.82E+01	4.37E+01	5.01E+03	-	4.82E+01	4.77E+01	6.52E-01 ca*
Ethylbenzene	7.82E+03	-	8.53E+03	4.08E+03	8.34E+04	-	8.53E+03	7.74E+03	8.02E+00 ca*
Lead and Compounds	-	-	-	-	-	-	-	-	4.00E+02 nc
Methyl tert-Butyl Ether (MTBE)	-	-	2.21E+04	2.21E+04	-	-	2.21E+04	2.21E+04	6.38E+01 ca*
Acenaphthene	4.69E+03	1.52E+04	-	3.59E+03	5.01E+04	9.12E+04	-	3.23E+04	3.59E+03 nc
Anthracene	2.35E+04	7.61E+04	-	1.79E+04	2.50E+05	4.56E+05	-	1.62E+05	1.79E+04 nc
Benz[a]anthracene	-	-	-	-	-	-	-	-	1.57E-01 ca*
Benzo(j)fluoranthene	-	-	-	-	-	-	-	-	4.24E-01 ca*
Benzo[a]pyrene	-	-	-	-	-	-	-	-	1.57E-02 ca*
Benzo[b]fluoranthene	-	-	-	-	-	-	-	-	1.57E-01 ca*
Benzo[k]fluoranthene	-	-	-	-	-	-	-	-	1.57E+00 ca*
Chrysene	-	-	-	-	-	-	-	-	1.57E+01 ca*
Dibenz[a,h]anthracene	-	-	-	-	-	-	-	-	1.57E-02 ca*
Dibenzo(a,e)pyrene	-	-	-	-	-	-	-	-	4.24E-02 ca*
Dimethylbenz(a)anthracene, 7,12-	-	-	-	-	-	-	-	-	4.59E-04 ca*
Fluoranthene	3.13E+03	1.01E+04	-	2.39E+03	3.34E+04	6.08E+04	-	2.15E+04	2.39E+03 nc
Fluorene	3.13E+03	1.01E+04	-	2.39E+03	3.34E+04	6.08E+04	-	2.15E+04	2.39E+03 nc
Indeno[1,2,3-cd]pyrene	-	-	-	-	-	-	-	-	1.57E-01 ca*
Methylnaphthalene, 1-	5.48E+03	1.77E+04	-	4.18E+03	5.84E+04	1.06E+05	-	3.77E+04	1.76E+01 ca*
Methylnaphthalene, 2-	3.13E+02	1.01E+03	-	2.39E+02	3.34E+03	6.08E+03	-	2.15E+03	2.39E+02 nc
Naphthalene	1.56E+03	5.07E+03	2.09E+02	1.78E+02	1.67E+04	3.04E+04	2.09E+02	2.05E+02	5.52E+00 ca*
Nitropyrene, 4-	-	-	-	-	-	-	-	-	4.24E-01 ca*
Pyrene	2.35E+03	7.61E+03	-	1.79E+03	2.50E+04	4.56E+04	-	1.62E+04	1.79E+03 nc
Toluene	6.26E+03	-	3.23E+04	5.24E+03	6.67E+04	-	3.23E+04	2.18E+04	5.24E+03 sat
Trimethylbenzene, 1,2,4-	-	-	8.34E+01	8.34E+01	-	-	8.34E+01	8.34E+01	8.34E+01 nc
Trimethylbenzene, 1,3,5-	7.82E+02	-	-	7.82E+02	8.34E+03	-	-	8.34E+03	7.82E+02 sat
Xylenes	1.56E+04	-	8.64E+02	8.18E+02	1.67E+05	-	8.64E+02	8.59E+02	8.18E+02 sat

(22) "Wastewater and sludge storage or treatment lagoon" means a natural or man-made containment structure, constructed primarily of earthen materials for the treatment or storage of wastewater or sludge, which is not a land disposal system.

History: Cr. Register, September, 1985, No. 357, eff. 10-1-85; cr. (1m), am. (7), (17) and (18), Register, October, 1988, No. 394, eff. 11-1-88; am. (6), cr. (20h) and (20m), Register, March, 1994, No. 459, eff. 4-1-94; cr. (1s), (10e), (10s), (20k), r. and recr. (12), (13), Register, August, 1995, No. 476, eff. 9-1-95; cr. (14m), Register, October, 1996, No. 490, eff. 11-1-96; am. (20), Register, December, 1998, No. 516, eff. 1-1-99; correction in (9) made under s. 13.93 (2m) (b) 7., Stats., Register, April, 2001, No. 544; CR 02-154; cr. (1u), (1w), (1y) and (20s) Register June 2003 No. 570, eff. 7-1-03; correction in (20) made under s. 13.92 (4) (b) 6., Stats., Register January 2012 No. 673.

Subchapter II — Groundwater Quality Standards

NR 140.10 Public health related groundwater standards. The groundwater quality standards for substances of public health concern are listed in Table 1.

Note: For all substances that have carcinogenic, mutagenic or teratogenic properties or interactive effects, the preventive action limit is 10% of the enforcement standard. The preventive action limit is 20% of the enforcement standard for all other substances that are of public health concern. Enforcement standards and preventive action limits for additional substances will be added to Table 1 as recommendations are developed pursuant to ss. 160.07, 160.13 and 160.15, Stats.

Table 1
Public Health Groundwater Quality Standards

Substance ¹	Enforcement Standard (micrograms per liter – except as noted)	Preventive Action Limit (micrograms per liter – except as noted)
Acetochlor	7	0.7
Acetochlor ethane sulfonic acid + oxanilic acid (Acetochlor – ESA + OXA)	230	46
Acetone	9 mg/l	1.8 mg/l
Alachlor	2	0.2
Alachlor ethane sulfonic acid (Alachlor – ESA)	20	4
Aldicarb	10	2
Aluminum	200	40
Ammonia (as N)	9.7 mg/l	0.97 mg/l
Antimony	6	1.2
Anthracene	3000	600
Arsenic	10	1
Asbestos	7 million fibers per liter (MFL)	0.7 MFL
Atrazine, total chlorinated residues	3 ²	0.3 ²
Bacteria, Total Coliform	0 ³	0 ³
Barium	2 milligrams/liter (mg/l)	0.4 mg/l
Bentazon	300	60
Benzene	5	0.5
Benzo(b)fluoranthene	0.2	0.02
Benzo(a)pyrene	0.2	0.02
Beryllium	4	0.4
Boron	1000	200
Bromodichloromethane	0.6	0.06
Bromoform	4.4	0.44
Bromomethane	10	1
Butylate	400	80
Cadmium	5	0.5
Carbaryl	40	4
Carbofuran	40	8
Carbon disulfide	1000	200
Carbon tetrachloride	5	0.5
Chloramben	150	30
Chlordane	2	0.2
Chlorodifluoromethane	7 mg/l	0.7 mg/l
Chloroethane	400	80
Chloroform	6	0.6
Chlorpyrifos	2	0.4
Chloromethane	30	3
Chromium (total)	100	10
Chrysene	0.2	0.02

Table 1 – Continued
Public Health Groundwater Quality Standards

Substance ¹	Enforcement Standard (micrograms per liter – except as noted)	Preventive Action Limit (micrograms per liter – except as noted)
Cobalt	40	8
Copper	1300	130
Cyanazine	1	0.1
Cyanide, free ⁴	200	40
Dacthal	70	14
1,2-Dibromoethane (EDB)	0.05	0.005
Dibromochloromethane	60	6
1,2-Dibromo-3-chloropropane (DBCP)	0.2	0.02
Dibutyl phthalate	1000	100
Dicamba	300	60
1,2-Dichlorobenzene	600	60
1,3-Dichlorobenzene	600	120
1,4-Dichlorobenzene	75	15
Dichlorodifluoromethane	1000	200
1,1-Dichloroethane	850	85
1,2-Dichloroethane	5	0.5
1,1-Dichloroethylene	7	0.7
1,2-Dichloroethylene (cis)	70	7
1,2-Dichloroethylene (trans)	100	20
2,4-Dichlorophenoxyacetic Acid (2,4-D)	70	7
1,2-Dichloropropane	5	0.5
1,3-Dichloropropene (cis/trans)	0.4	0.04
Di (2-ethylhexyl) phthalate	6	0.6
Dimethenamid/Dimethenamid-P	50	5
Dimethoate	2	0.4
2,4-Dinitrotoluene	0.05	0.005
2,6-Dinitrotoluene	0.05	0.005
Dinitrotoluene, Total Residues ⁵	0.05	0.005
Dinoseb	7	1.4
1,4-Dioxane	3	0.3
Dioxin (2, 3, 7, 8-TCDD)	0.00003	0.000003
Endrin	2	0.4
EPTC	250	50
Ethylbenzene	700	140
Ethyl ether	1000	100
Ethylene glycol	14 mg/l	2.8 mg/l
Fluoranthene	400	80
Fluorene	400	80
Fluoride	4 mg/l	0.8 mg/l
Fluorotrichloromethane	3490	698
Formaldehyde	1000	100
Heptachlor	0.4	0.04
Heptachlor epoxide	0.2	0.02
Hexachlorobenzene	1	0.1
N-Hexane	600	120
Hydrogen sulfide	30	6
Lead	15	1.5
Lindane	0.2	0.02
Manganese	300	60
Mercury	2	0.2

Table 1 – Continued
Public Health Groundwater Quality Standards

Substance ¹	Enforcement Standard (micrograms per liter – except as noted)	Preventive Action Limit (micrograms per liter – except as noted)
Methanol	5000	1000
Methoxychlor	40	4
Methylene chloride	5	0.5
Methyl ethyl ketone (MEK)	4 mg/l	0.8 mg/l
Methyl isobutyl ketone (MIBK)	500	50
Methyl tert-butyl ether (MTBE)	60	12
Metolachlor/s–Metolachlor	100	10
Metolachlor ethane sulfonic acid + oxanilic acid (Metolachlor – ESA + OXA)	1.3 mg/l	0.26 mg/l
Metribuzin	70	14
Molybdenum	40	8
Monochlorobenzene	100	20
Naphthalene	100	10
Nickel	100	20
Nitrate (as N)	10 mg/l	2 mg/l
Nitrate + Nitrite (as N)	10 mg/l	2 mg/l
Nitrite (as N)	1 mg/l	0.2 mg/l
N–Nitrosodiphenylamine	7	0.7
Pentachlorophenol (PCP)	1	0.1
Perchlorate	1	0.1
Phenol	2 mg/l	0.4 mg/l
Picloram	500	100
Polychlorinated biphenyls (PCBs)	0.03	0.003
Prometon	100	20
Propazine	10	2
Pyrene	250	50
Pyridine	10	2
Selenium	50	10
Silver	50	10
Simazine	4	0.4
Styrene	100	10
Tertiary Butyl Alcohol (TBA)	12	1.2
1,1,1,2–Tetrachloroethane	70	7
1,1,2,2–Tetrachloroethane	0.2	0.02
Tetrachloroethylene	5	0.5
Tetrahydrofuran	50	10
Thallium	2	0.4
Toluene	800	160
Toxaphene	3	0.3
1,2,4–Trichlorobenzene	70	14
1,1,1–Trichloroethane	200	40
1,1,2–Trichloroethane	5	0.5
Trichloroethylene (TCE)	5	0.5
2,4,5–Trichlorophenoxy–propionic acid (2,4,5–TP)	50	5
1,2,3–Trichloropropane	60	12
Trifluralin	7.5	0.75
Trimethylbenzenes (1,2,4– and 1,3,5– combined)	480	96
Vanadium	30	6

Table 1 – Continued
Public Health Groundwater Quality Standards

Substance ¹	Enforcement Standard (micrograms per liter – except as noted)	Preventive Action Limit (micrograms per liter – except as noted)
Vinyl chloride	0.2	0.02
Xylene ⁶	2 mg/l	0.4 mg/l

¹ Appendix I contains Chemical Abstract Service (CAS) registry numbers, common synonyms and trade names for most substances listed in Table 1.

² Total chlorinated atrazine residues includes parent compound and the following metabolites of health concern: 2-chloro-4-amino-6-isopropylamino-s-triazine (formerly deethylatrazine), 2-chloro-4-amino-6-ethylamino-s-triazine (formerly deisopropylatrazine) and 2-chloro-4,6-diamino-s-triazine (formerly diamino-atrazine).

³ Total coliform bacteria may not be present in any 100 ml sample using either the membrane filter (MF) technique, the presence-absence (P-A) coliform test, the minimal medium ONPG-MUG (MMO-MUG) test or not present in any 10 ml portion of the 10-tube multiple tube fermentation (MTF) technique.

⁴ "Cyanide, free" refers to the simple cyanides (HCN, CN⁻) and /or readily dissociable metal-cyanide complexes. Free cyanide is regulatorily equivalent to cyanide quantified by approved analytical methods for "amenable cyanide" or "available cyanide".

⁵ Dinitrotoluene. Total Residues includes the dinitrotoluene (DNT) isomers: 2,3-DNT, 2,4-DNT, 2,5-DNT, 2,6-DNT, 3,4-DNT and 3,5-DNT.

⁶ Xylene includes meta-, ortho-, and para-xylene combined.

History: Cr. Register, September, 1985, No. 357, eff. 10-1-85; am. table 1, Register, October, 1988, No. 394, eff. 11-1-88; am. table 1, Register, September, 1990, No. 417, eff. 10-1-90; am. Register, January, 1992, No. 433, eff. 2-1-92; am. Table 1, Register, March, 1994, No. 459, eff. 4-1-94; am. Table 1, Register, August, 1995, No. 476, eff. 9-1-95; am. Table 1, Register, December, 1998, No. 516, eff. 1-1-99; am. Table 1, boron, Register, December, 1998, No. 516, eff. 12-31-99; am. Table 1, Register, March, 2000, No. 531, eff. 4-1-00; CR 03-063; am. Table 1, Register February 2004 No. 578, eff. 3-1-04; CR 02-095; am. Table 1, Register November 2006 No. 611, eff. 12-1-06; reprinted to correct errors in Table 1, Register January 2007 No. 613; CR 07-034; am. Table 1 Register January 2008 No. 625, eff. 2-1-08; CR 09-102; am. Table 1 Register December 2010 No. 660, eff. 1-1-11.

NR 140.12 Public welfare related groundwater standards. The groundwater quality standards for substances of public welfare concern are listed in Table 2.

Note: For each substance of public welfare concern, the preventive action limit is 50% of the established enforcement standard.

Table 2
Public Welfare Groundwater Quality Standards

Substance	Enforcement Standard (milligrams per liter – except as noted)	Preventive Action Limit (milligrams per liter – except as noted)
Chloride	250	125
Color	15 color units	7.5 color units
Foaming agents MBAS (Methylene-Blue Active Substances)	0.5	0.25
Iron	0.3	0.15
Manganese	0.05	0.025
Odor	3 (Threshold Odor No.)	1.5 (Threshold Odor No.)
Sulfate	250	125
Zinc	5	2.5

History: Cr. Register, September, 1985, No. 357, eff. 10-1-85; am. table 2, Register, October, 1990, No. 418, eff. 11-1-90; am. Table 2, Register, March, 1994, No. 459, eff. 4-1-94.

NR 140.14 Statistical procedures. (1) If a preventive action limit or an enforcement standard for a substance listed in Table 1 or 2, an alternative concentration limit issued in accordance with s. NR 140.28 or a preventive action limit for an indicator parameter established according to s. NR 140.20 (2) is attained or exceeded at a point of standards application:

(a) The owner or operator of the facility, practice or activity at which a standard is attained or exceeded shall notify the appropriate regulatory agency that a standard has been attained or exceeded; and

(b) The regulatory agency shall require a response in accordance with the rules promulgated under s. 160.21, Stats. No response shall be required if it is demonstrated to the satisfaction of the appropriate regulatory agency that a scientifically valid determination cannot be made that the preventive action limit or enforcement standard for a substance in Table 1 or 2 has been attained or exceeded based on consideration of sampling procedures or laboratory precision and accuracy, at a significance level of 0.05.

(2) The regulatory agency shall use one or more valid statistical procedures to determine if a change in the concentration of a substance has occurred. A significance level of 0.05 shall be used for all tests.

(3) In addition to sub. (2), the following applies when a preventive action limit or enforcement standard is equal to or less than the limit of quantitation:

(a) If a substance is not detected in a sample, the regulatory agency may not consider the preventive action limit or enforcement standard to have been attained or exceeded.

(b) If the preventive action limit or enforcement standard is less than the limit of detection, and the concentration of a substance is reported between the limit of detection and the limit of quantitation, the regulatory agency shall consider the preventive action limit or enforcement standard to be attained or exceeded only if:

1. The substance has been analytically confirmed to be present in the same sample using an equivalently sensitive analytical method or the same analytical method, and

2. The substance has been statistically confirmed to be present above the preventive action limit or enforcement standard, determined by an appropriate statistical test with sufficient samples at a significance level of 0.05.

(c) If the preventive action limit or enforcement standard is between the limit of detection and the limit of quantitation, the regulatory agency shall consider the preventive action limit or

APPENDIX F/ QUALIFICATIONS OF METCO PERSONNEL

**Site Investigation Report - METCO
Mr. P's Tires (former) – Former**

Ronald J. Anderson, P.G.

Professional Titles

- Senior Hydrogeologist
- Project Manager

Credentials

- Licensed Professional Geologist in Wisconsin
- Licensed Professional Geologist in Minnesota
- Recognized by the State of Wisconsin Department of Natural Resources (Chapter NR712) as a qualified Hydrogeologist
- Certified by State of Wisconsin to conduct PECFA-funded LUST projects
- Certified tank closure site assessor (#41861) in Wisconsin
- Member of the Wisconsin Groundwater Association
- Member of the Minnesota Groundwater Association
- Member of the Federation of Environmental Technologist, Inc.

Education

Includes a BA in Earth Science from the University of Minnesota-Duluth. Applicable courses successfully completed include Hydrogeology, Applied Hydrogeology, Environmental Geology, Geological Field Methods, Geology Field Camp, Geomorphology, Structural Geology, Stratigraphy/Tectonics, Mineralogy/Petrology, Glacial/Quaternary Geology, Geology of North America, Oceanography, General Chemistry, Organic Chemistry, and Environmental Conservation.

Post-Graduate Education

Includes Personnel Protection and Safety, Conducting Comprehensive Environmental Property Assessments, Groundwater Flow and Well Hydraulics, Effective Techniques for Contaminated Groundwater Treatment, and numerous other continuing education classes and conferences.

Work Experience

Includes nine months with the Wisconsin Department of Natural Resources Leaking Underground Storage Tank Program regulating LUST sites and since June 1990, with METCO as a Hydrogeologist and Project Manager. Duties have included: managing, conducting, and reporting tank closure assessments; property assessment, LUST investigations; spill investigations; agricultural chemical investigations, dry cleaning chemical investigations, general geotechnical/environmental investigations; Geoprobe projects (soil, groundwater, soil gas sampling); drilling projects (soil boring and monitoring wells); and remedial projects. Since 1989, METCO has sampled/consulted over 1,465 environmental sites.

**Site Investigation Report - METCO
Mr. P's Tires (former) – Former**

Jason T. Powell

Professional Title

- Staff Scientist

Credentials

- Recognized by the State of Wisconsin Department of Natural Resources (Chapter NR712) as a qualified Scientist.

Education

Includes a BS in Groundwater Management from the University of Wisconsin- Stevens Point. Applicable courses successfully completed include Hydrogeology, Applied Hydrogeology, Environmental Geology, Hydrogeology-Groundwater Flow Modeling, Groundwater Management, Structural Geology, Mineralogy, Glacial Geology, Soils, Soil Physics, Hydrology, Geochemistry, Water Chemistry, Organic Chemistry, General Chemistry, Environmental Issues.

Post-Graduate Education

40-hour OSHA Hazardous Materials Safety Training course with 8-hour refresher course.

Work Experience

With METCO since May 1992 as a Geoprobe Assistant and Geoprobe Operator. In June 1995 to July 1996 as a Environmental Technician. In July 1996 as a Staff Scientist. Duties have included: LUST investigations; general geotechnical/environmental investigations; Geoprobe projects (soil, groundwater sampling); drilling projects (soil boring and monitoring wells); remedial projects (sampling, pilot tests, system operation/maintenance) and project management.

**Site Investigation Report - METCO
Mr. P's Tires (former) – Former**

Eric J. Dahl

Professional Title

- Hydrogeologist

Credentials

- Recognized by the State of Wisconsin Department of Natural Resources (Chapter NR712) as a qualified Hydrogeologist.
- Registered through the Wisconsin Department of Safety and Professional Services as a PECFA consultant (#823519).

Education

Includes B.S. in Geology from the University of Wisconsin-Eau Claire. Applicable courses successfully completed include Environmental Geology, Physical Hydrogeology, Chemical Hydrogeology, Computer Modeling in Hydrogeology, Aqueous Geochemistry, Field Geology I and II, Mineralogy and Petrology I and II, Sedimentology and Stratigraphy, Petroleum and Economic Geology, Earth Resources, Earth History, and Structural Geology.

Post-Graduate Education

40-hour OSHA Hazardous Materials Safety Training course with 8-hour refresher course.

Work Experience

With METCO since November 1999 as a Hydrogeologist. Duties have included: Site Investigations, Phase I and Phase II Environmental Site Assessments, Case Closure Requests/GIS Registry, Geoprobe projects (oversight, direction, and sampling), drilling projects/monitoring well installation (oversight, direction, and sampling), soil excavation projects (oversight, direction, and sampling), Geoprobe operation, and operation and maintenance of remedial systems.

**Site Investigation Report - METCO
Mr. P's Tires (former) – Former**

Thomas P. Pignet, P.E.

Professional Titles

- Chemical Engineer
- Industrial Engineer

Credentials

- Licensed Professional Engineer in Wisconsin

Education

Undergraduate: B.S. in Chemical Engineering from the University of Wisconsin. Applicable courses include the standard chemistry curriculum - basic, physical, organic, etc. - plus engineering transport phenomena, chemical unit operations (e.g. separations), fluid mechanics, etc.

Post-Graduate Education

Ph.D. in Chemical Engineering from the University of Minnesota - with applicable special training in absorption & catalysis; M.S. in Industrial Engineering from the University of Wisconsin - Milwaukee - with special emphasis on statistical techniques and data analysis. Applicable further training: continuing education, semester-length courses in [1] Understanding Environmental & Safety Regulation; [2] Hazardous & Toxic Waste Management; plus a number of 1-2 day workshops - Fire & Explosion Safety; Small Quantity Generations of Hazardous Waste.

Work Experience

Includes ten years as a research chemical engineer with a large chemical manufacturer; one year as process development engineer and demonstration-scale test analyst on a unique coal gasification project; ten years in association with UW-M, teaching and consulting to industry on energy efficiency, waste minimization and productivity improvement. One year working with a small engineering consulting firm on energy, environmental, and process improvement projects, including LUST Investigations and Remediations. With METCO since February 2000. Duties include Remedial Action Plan preparation, pilot test design and performance, remedial systems design and implementation, and general management of METCO's remedial projects.

**Site Investigation Report - METCO
Mr. P's Tires (former) – Former**

Jon Jensen

Professional Title

- Staff Scientist

Credentials

- Registered through the Wisconsin Department of Safety and Professional Services as a PECFA consultant (#1294924).

Education

Includes B.S. in Geography with and Environmental Science minor from University of Wisconsin – La Crosse: Applicable courses successfully completed include Interpretation of Aerial Photographs, Intro to GIS, Advanced Remote Sensing, Fundamentals of Cartography, Biogeography, and Conservation of Global Environments.

Work Experience

With METCO since July, 2014 as Staff Scientist. Duties include: soil and groundwater sampling, operation and maintenance of remedial systems, Geoprobe projects (oversight, direction, and sampling), site mapping, data reduction and analysis, and reporti

**Site Investigation Report - METCO
Mr. P's Tires (former) – Former**

Bryce L. Kujawa

Professional Title

- Staff Scientist

Credentials

- Registered through the Wisconsin Department of Safety and Professional Services as a PECFA consultant (#17138).
- Member of the Geological Society of America

Education

Includes B.S. in Geology from the University of Wisconsin-Eau Claire. Applicable courses successfully completed include Hydrogeology, Contaminant Hydrogeology, Field Geology I and II, Mineralogy and Petrology I and II, Sedimentology and Stratigraphy, Petroleum and Economic Geology, Earth History, Physical Geology, Structural Geology, Computers in Geology, Geographic Informational Systems, Global Environmental Change, and General Chemistry.

Work Experience

With METCO since June, 2016 as Staff Scientist. Duties include: soil and groundwater sampling, operation and maintenance of remedial systems, Geoprobe projects (oversight, direction, and sampling), site mapping, data reduction and analysis, and reporting.

**Site Investigation Report - METCO
Mr. P's Tires (former) – Former**

Tyler Woodke

Professional Title

- Staff Scientist

Credentials

- Registered through the Wisconsin Department of Safety and Professional Services as a PECFA consultant (#396413).

Education

Includes B.S. in Geography with an Environmental Studies minor from the University of Wisconsin-La Crosse. Applicable courses successfully completed include: Introduction to Biology, Introduction to Environmental Studies, Earth Environments, Conservation of Global Environments, Introduction to GIS, History of Environmental Policies in the U.S., Interpretation of Aerial Photographs, Fundamentals of Cartography, Environmental Hazards/Land Use, Remote Sensing, Water Resources, Environmental Sustainability, and Environmental Ethics, Outdoor Recreation and Natural Resources.

Work Experience

With METCO since February, 2018 as Staff Scientist. Duties include: soil and groundwater sampling, operation and maintenance of remedial systems, Geoprobe projects (oversight, direction, and sampling), site mapping, data reduction and analysis, and reporting.

APPENDIX G/ STANDARD OF CARE

**Site Investigation Report – METCO
Mr. P's Tires (former)**

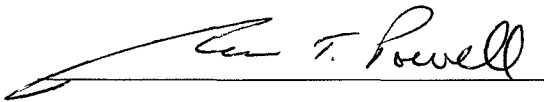
STANDARD OF CARE

The analysis and conclusions expressed in this report are based upon data obtained from the indicated subsurface locations and from other sources discussed in this report. Actual subsurface conditions may vary and may not become evident without further assessment.

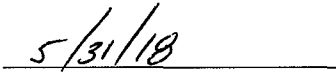
All work conducted by METCO is in accordance with currently accepted hydrogeologic and engineering practices and they neither imply nor intend warranty.

We appreciate the opportunity to be of service to you. If you have any questions or require additional information, please do not hesitate to contact us.

"I Jason T. Powell, hereby certify that I am a scientist as that term is defined in s.NR 712.03 (3), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

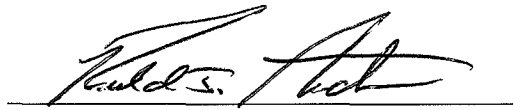


Jason T. Powell
Staff Scientist

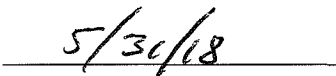


Date

"I Ronald J. Anderson, hereby certify that I am a hydrogeologist as that term is defined in s.NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."



Ronald J. Anderson PG
Senior Hydrogeologist/Project Manager



Date