

Site Investigation Report

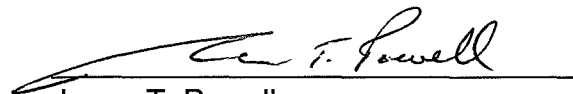
A to Z Sales & Service
100 W Main Street
Bowler, Wisconsin

August 7, 2018
by METCO
WDNR File Reference #: 03-59-190963
PECFA Claim #: 54416-9999-00

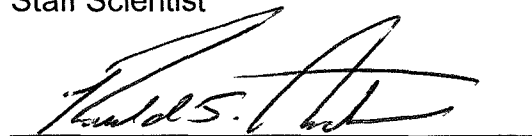


Excellence through experience™

This document was prepared by:

A handwritten signature in black ink, appearing to read "Jason T. Powell", written over a horizontal line.

Jason T. Powell
Staff Scientist

A handwritten signature in black ink, appearing to read "Ronald J. Anderson", written over a horizontal line.

Ronald J. Anderson, P.G.
Senior Hydrogeologist/Project Manager



Excellence through experience™

709 Gillette St., Ste 3, La Crosse, WI 54603 ♦ 1-800-552-2932 ♦ Fax (608) 781-8893 ♦ Email: rona@metcohq.com ♦ www.metcohq.com

August 7, 2018

WDNR BRRTS#: 03-59-190963

PECFA Claim #: 54416-9999-00

Kerry Breitrick
Village of Bowler
107 W Main Street
Bowler, WI 54416

Dear Ms. Breitrick,

Enclosed is our "Site Investigation Report" concerning the A to Z Sales & Service site in Bowler, 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 defined to a reasonable extent in soil and groundwater. However, down-gradient monitoring well (MW-6) does have a NR140 ES exceedance (224 ppb Benzene), but was much lower than the previous round of groundwater sampling (770 ppb Benzene).

Based on the groundwater results of the investigation, the WDNR may require at least one additional down-gradient monitoring-well for further plume definition and additional groundwater sampling for contaminant trend analysis.

Also, based on the NR720 Non-Industrial Direct Contact Exceedances found in the area of G-2, G-4, and MW-1, the WDNR will require this to be addressed via excavation or a cap maintenance plan (sod).

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: Tom Verstegen – WDNR

EXECUTIVE SUMMARY

A gas station and service garage operated on the subject property from approximately the 1940s until the early 1980s. After the retail fuel sales ceased the property continued to operate as a service garage and auto parts store until the late 1980s or early 1990s. Since then the property has been vacant and the former gas station and service garage buildings were razed approximately 10 years ago. A bulk petroleum storage facility operated on the southwest corner of the subject property from approximately the 1940s until the late 1950s or early 1960s.

In October 1988, two 1,000-gallon leaded gasoline USTs were removed from the subject property.

On May 21, 1998, Fluid Management, Inc. completed one Geoprobe soil boring and collected one soil sample (GP-1) for GRO and PVOC analysis. The soil analytical results showed 5,560 ppm GRO along with detects for Benzene, Ethylbenzene, Toluene, Trimethylbenzene, and Xylene. The petroleum contamination was subsequently reported to the WDNR, who then required that a site investigation be conducted. The soil sample depth and location were not reported to the WDNR.

On April 29, 2002, during a Phase 2.5 Environmental Sampling Investigation for the Wisconsin Department of Transportation, Earth Tech, Inc. completed three soil borings at the intersection of Main Street and Almon Street. The three soil borings (B-1, B-2, and B-3) were each completed to 3 feet below ground surface (bgs) with one soil sample submitted from each boring at 2-3 feet bgs for DRO, GRO, PVOC, and Lead analysis. Soil sample B-1, which was completed adjacent to the A to Z Sales & Service property showed 125 ppm DRO and no detects for GRO or PVOC. Soil sample B-2, which was located to the east across Almon Street, showed 28.4 ppm DRO. Soil sample B-3, which was located to the northeast, across the intersection, showed several low level detects for Ethylbenzene (0.0299 ppm) and Trimethylbenzene (0.1415 ppm). All three soil samples showed low level detects for Lead (3.37, 4.21, and 6.89 ppm), but these are likely background levels.

A closed LUST case (Mary's Place – BRRTS# 03-59-177843) exists at a former gas station that was located approximately 60 feet to the north, across W Main Street at 101 W Main Street. During investigation of the Mary's Place site, a monitoring well (MW-2R) was installed in the right of way W Main Street immediately adjacent to the A to Z Auto Sales property. Groundwater analytical results from MW-2R showed NR140 Enforcement Standard (ES) exceedances for Benzene (5,650 ppb), Ethylbenzene (3,500 ppb), Naphthalene (957 ppb), Toluene (27,200 ppb), Trimethylbenzene (3,720 ppb), and Xylene (16,830 ppb) when it was last sampled on July 30, 2014. Based on the calculated groundwater flow direction, MW-2R is located down/side gradient from the Mary's Place site and up-gradient of the A to Z Sales and Service site. Therefore, it appears that the petroleum contamination detected in MW-2R may in part be originating from the Mary's Place site.

The site investigation consisted of a Geoprobe Project, a Drilling Project, and two rounds of groundwater sampling. 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:

- Local unconsolidated materials generally consist of interbedded layers of silty/clayey sand with gravel to sandy silt/clay from surface to depths ranging from 2 to 10 feet below ground surface (bgs). At depths ranging from 2 to 10 feet bgs and extending to at least 20 feet bgs exists a very fine to coarse grained sand to silty sand with gravel.
- According to data collected from the monitoring wells, the depth to groundwater ranges from 10.13 to 15.72 feet bgs depending on well location and time of year. Watertable measurements collected during the first groundwater sampling event show local horizontal groundwater flow in the immediate area of the subject property is generally toward the southwest. According to the watertable measurements collected during the second groundwater sampling event, local

Site Investigation Report - METCO A to Z Sales & Service

horizontal groundwater flow in the immediate area of the subject property is generally toward the north on the northern section of the site, and southwest on the southern section of the site. Groundwater Flow Direction Maps are presented in Section 6.

- An area of unsaturated soil contamination, which exceeds the NR720 Groundwater RCL's, exists in the area of the removed UST and AST systems, and consists of an irregular shaped area that measures up to 140 feet long, up to 60 feet wide, and up to 12 feet thick.
- An area of unsaturated soil contamination exceeding NR720 Non-Industrial Direct Contact RCL values exists in the area of the removed UST system and measures up to 25 feet long by 22 feet wide, and up to 4 feet thick.
- An area of unsaturated soil contamination exceeding NR720 Non-Industrial Direct Contact RCL values exists in the area of the removed AST system and consists of an area measuring approximately 13 feet in diameter, and up to 4 feet thick.
- A dissolved phase contaminant plume exceeding the NR140 ES and/or PAL has formed at the watertable in the area of the removed UST and AST systems and has migrated toward the southwest. This plume measures at least 275 feet long and up to 170 feet wide at its widest point. The groundwater contaminant plume appears to have commingled with groundwater contamination from the closed Mary's Place LUST site to the north.
- Based on the most recent groundwater analytical results, five out of the six monitoring wells (MW-1 through MW-4 and MW-6) show NR140 ES and/or PAL exceedances. However, it should be noted that monitoring well MW-6 showed ES exceedances for Benzene, Ethyl Benzene, Naphthalene, Toluene, Trimethylbenzenes, and Xylene in the first sampling event, but only showed an ES exceedance for Benzene with the previous ES exceedance contaminants reduced to PAL exceedances in the second sampling event.
- Based on the receptor survey, there does not appear to be the potential of contaminant migration along any utility corridors, risk of vapor intrusion to any buildings, or risk to any municipal or private water supply wells or surface waters.

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

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 defined to a reasonable extent in soil and groundwater. However, down-gradient monitoring well (MW-6) does have a NR140 ES exceedance (224 ppb Benzene), but was much lower than the previous round of groundwater sampling (770 ppb Benzene).

Based on the groundwater results of the investigation, the WDNR may require at least one additional down-gradient monitoring-well for further plume definition and additional groundwater sampling for contaminant trend analysis.

Also, based on the NR720 Non-Industrial Direct Contact Exceedances found in the area of G-2, G-4, and MW-1, the WDNR will require this to be addressed via excavation or a cap maintenance plan (sod).

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

TABLE OF CONTENTS

Table of Contents

1.0 INTRODUCTION AND BACKGROUND.....	1
2.0 GEOLOGY AND RECEPTORS.....	2
3.0 SITE INVESTIGATION RESULTS AND RISK CRITERIA.....	5
4.0 CONCLUSION	8
5.0 REFERENCES.....	10
6.0 FIGURES	10
7.0 DATA TABLES, GRAPHS, AND STATISTICAL ANALYSIS	11
8.0 PHOTOS	12
APPENDIX A/ METHODS OF INVESTIGATION	13
APPENDIX B/ ANALYTICAL METHODS & LABORATORY DATA REPORTS	14
APPENDIX C/ WELL AND BOREHOLE DOCUMENTATION.....	15
APPENDIX D/ APPENDIX D/ WASTE DISPOSAL DOCUMENTATION.....	16
APPENDIX E/ OTHER DOCUMENTATION.....	17
APPENDIX F/ QUALIFICATIONS OF METCO PERSONNEL	18
APPENDIX G/ STANDARD OF CARE.....	19

**Site Investigation Report - METCO
A to Z Sales & Service**

Subcontractors

DKS Transport Services, LLC
N7349 548th Street
Menomonie, WI 54751
(715) 556-2604

Fauerbach Surveying & Engineering
P.O. Box 140
Hillsboro, WI 54634
(608) 489-3363

Geiss Soil & Samples, LLC
W4490 Pope Road
Merrill, WI 54452
(715) 539-3928

Soils & Engineering Services Inc.
1102 Stewart Street
Madison WI 53713
(608) 828-0237

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

1.3 Site Location

Site Address:

100 W Main Street
Bowler, Wisconsin

Latitude and Longitude:
44° 51' 46" N and 88° 58' 54" W

WTM Coordinates:
600450, 488205

Township/Range:
NE 1/4 of the SE 1/4 of Sec 36, T28N, R12E, Shawano County

1.4 Site History

A gas station and service garage operated on the subject property from approximately the 1940s until the early 1980s. After the retail fuel sales ceased the property continued to operate as a service garage and auto parts store until the late 1980s or early 1990s. Since then the property has been vacant and the former gas station and service garage buildings were razed approximately 10 years ago. A bulk petroleum storage facility operated on the southwest corner of the subject property from approximately the 1940s until the late 1950s or early 1960s.

In October 1988, two 1,000-gallon leaded gasoline USTs were removed from the subject property.

On May 21, 1998, Fluid Management, Inc. completed one Geoprobe soil boring and collected one soil sample (GP-1) for GRO and PVOC analysis. The soil analytical results showed 5,560 ppm GRO along with detects for Benzene, Ethylbenzene, Toluene, Trimethylbenzene, and Xylene. The petroleum contamination was subsequently reported to the WDNR, who then required that a site investigation be conducted. The soil sample depth and location were not reported to the WDNR.

Site Investigation Report - METCO A to Z Sales & Service

On April 29, 2002, during a Phase 2.5 Environmental Sampling Investigation for the Wisconsin Department of Transportation, Earth Tech, Inc. completed three soil borings at the intersection of Main Street and Almon Street. The three soil borings (B-1, B-2, and B-3) were each completed to 3 feet below ground surface (bgs) with one soil sample submitted from each boring at 2-3 feet bgs for DRO, GRO, PVOC, and Lead analysis. Soil sample B-1, which was completed adjacent to the A to Z Sales & Service property showed 125 ppm DRO and no detects for GRO or PVOC. Soil sample B-2, which was located to the east across Almon Street, showed 28.4 ppm DRO. Soil sample B-3, which was located to the northeast, across the intersection, showed several low level detects for Ethylbenzene (0.0299 ppm) and Trimethylbenzene (0.1415 ppm). All three soil samples showed low level detects for Lead (3.37, 4.21, and 6.89 ppm), but these are likely background levels.

A closed LUST case (Mary's Place – BRRTS# 03-59-177843) exists at a former gas station that was located approximately 60 feet to the north, across W Main Street at 101 W Main Street. During investigation of the Mary's Place site, a monitoring well (MW-2R) was installed in the right of way W Main Street immediately adjacent to the A to Z Auto Sales property. Groundwater analytical results from MW-2R showed NR140 Enforcement Standard (ES) exceedances for Benzene (5,650 ppb), Ethylbenzene (3,500 ppb), Naphthalene (957 ppb), Toluene (27,200 ppb), Trimethylbenzene (3,720 ppb), and Xylene (16,830 ppb) when it was last sampled on July 30, 2014. Based on the calculated groundwater flow direction, MW-2R is located down/side gradient from the Mary's Place site and up-gradient of the A to Z Sales and Service site. Therefore, it appears that the petroleum contamination detected in MW-2R may in part be originating from the Mary's Place site.

2.0 GEOLOGY AND RECEPTORS

2.1 Regional and Local Geology and Hydrogeology

Topography and Regional Setting

According to the USGS Hydrologic Atlas, Bowler is located in the northern portion of the Fox-Wolf River Basin. This area is characterized by broad plains mixed with low hills and generally north south oriented ridges formed by glacial moraine and outwash deposits. The plains slope toward the southeast following the slope of the bedrock surface.

The elevation of the site is approximately 1080 feet above Mean Sea Level (MSL). See Appendix A for site location.

Soil and Bedrock

Local unconsolidated materials generally consist of interbedded layers of silty/clayey sand with gravel to sandy silt/clay from surface to depths ranging from 2 to 10 feet below ground surface (bgs). At depths ranging from 2 to 10 feet bgs and extending to at least 20 feet bgs exists a very fine to coarse grained sand to silty sand with gravel.

Based on local well construction reports, the unconsolidated materials are underlain by granite bedrock at approximately 15-20 feet below ground surface. Refusal was encountered at 11 feet bgs in Geoprobe boring G-6, which was suspected to be due to bedrock or a large boulder. However, bedrock was not encountered in any other soil borings.

Hydrogeology

According to data collected from the monitoring wells, the depth to groundwater ranges from 10.13 to 15.72 feet bgs depending on well location and time of year. Watertable measurements collected during the first groundwater sampling event show local horizontal groundwater flow in the immediate area of the subject property is generally toward the southwest. According to the watertable measurements collected during the second groundwater sampling event, local horizontal groundwater flow in the immediate area of the subject property is generally toward the north on the northern section of the site, and southwest on the southern section of the site. Groundwater Flow Direction Maps are presented in Section 6.

2.2 Receptors

Buildings, Basements, Sumps, and Utility Corridors

Numerous utility corridors (sanitary sewer, storm sewer, water, telephone, and electric) exist within the area of the NR140 ES contaminant plume in groundwater and/or the area of soil contamination exceeding the NR720 Groundwater RCLs. The water and sanitary sewer lines exist at approximately 7 to 8 feet bgs, telephone, fiber optic, and electric lines typically exist within 1 to 2 feet of ground surface, and the storm sewers exist at approximately 2.5 to 3 feet bgs.

Since these utility corridors are all situated above the watertable, these do not appear to be acting as preferential contaminant migration pathways.

The extent of petroleum contamination in groundwater exceeding the NR140 ES and/or PAL extends beneath the office/shop building at 104 S Almon St. However, there does not appear to be any risk of vapor intrusion to the building for the following reasons: (1) There is at least 13 feet of separation between the watertable and building foundation. (2) Benzene levels in this area are less than 1000 ppb. (3) Free product has not been encountered in any monitoring wells.

Municipal and Private Water Supply Wells

The subject property and surrounding properties are all served by the Village of Bowler municipal water supply. The Village of Bowler has two municipal wells (Well #1 and Well #3). The closest of these (Well #1) is located approximately 3750 feet to the northwest of the subject property. Well #3 is located over 2 miles to the north of Well #1. There are four private wells within Village of Bowler, but these are not used for domestic water supply. The closest of these is located approximately 775 feet to the east of the subject property. The other three non-potable private wells are located over 1,200 feet from the subject property.

Surface Waters

The nearest surface water is an unnamed creek, which exists approximately 250 feet to the west of the subject property.

METCO is not currently aware of any other impacts, receptors, risks, or local problems associated with 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) On January 12, 2017, METCO prepared a LUST Investigation Field Procedures Workplan.
- 2) On June 19-20, 2017, METCO personnel supervised the completion of twenty-one Geoprobe soil borings (G-1 through G-21) to depths ranging from 11 to 16 feet bgs. Seventy soil samples and nineteen groundwater samples were collected for field and/or laboratory analysis.
- 3) On October 23-24, 2017, METCO personnel supervised the completion of six monitoring wells (MW-1 through MW-6) to depths ranging from 16 to 19 feet bgs. Twenty-four soil samples were collected from the soil borings for field and/or laboratory analysis. Upon completion, the monitoring wells MW-1 through MW-6 were properly developed by METCO personnel.
- 4) On January 30, 2018, METCO personnel collected groundwater samples from the six monitoring wells for field and laboratory analysis (Round 1). During the groundwater sampling event, Fauerbach Surveying & Engineering surveyed all site monitoring wells to feet mean sea level.
- 5) On May 1, 2018, METCO personnel collected groundwater samples from the six monitoring wells for field and laboratory analysis (Round 2).

Site Access Problems

We were denied access permission to the Urban Telephone Co. property located at 102 W. Main Street.

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 June 19-20, 2017, during the Geoprobe Project, twenty-one Geoprobe borings were advanced to depths ranging from 11 to 16 feet bgs. Seventy soil samples were collected for field analysis (PID) and geologic description. Sixty-two soil samples were submitted for laboratory analysis (VOC, PVOC, Naphthalene, PAH, and/or Lead).

Site Investigation Report - METCO A to Z Sales & Service

On October 23-24, 2017, during the Drilling Project, six soil borings were completed to 16 to 19 feet bgs with twenty-four soil samples collected for field analysis (PID) and geologic description. Two soil samples were submitted for laboratory analysis (GRO, PVOC, Naphthalene, TCLP Lead, and/or TCLP Benzene).

Soil analytical results are summarized in the Soil Analytical Results Tables with exceedances of the NR720 Groundwater RCL and/or Non-Industrial Direct Contact RCL 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 June 19-20, 2017, during the Geoprobe project, nineteen groundwater samples were collected from the Geoprobe borings for laboratory analysis (PVOC and Naphthalene).

On October 23-24, 2017, during the drilling project, six monitoring wells were installed to depths ranging from 16-19 feet bgs. Upon completion, the monitoring wells were properly developed.

On January 30, 2018, METCO personnel collected groundwater samples from the six monitoring wells (MW-1 through MW-6) for field (Water Level, Dissolved Oxygen, pH, ORP, Temperature, and Specific Conductivity) and laboratory analysis (VOC, PAH, Dissolved Lead, Dissolved Iron, Dissolved Manganese, Nitrate/Nitrite, and Sulfate).

On May 1, 2018, METCO personnel collected groundwater samples from the six monitoring wells (MW-1 through MW-6) for field (Water Level, Dissolved Oxygen, pH, ORP, Temperature, and Specific Conductivity) and laboratory analysis (PVOC, Naphthalene, and Dissolved Lead).

Groundwater analytical results are summarized in the Groundwater Analytical Tables with exceedances of the NR140 Preventive Action Limits (PAL) and/or Enforcement Standard (ES) noted.

The soil 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 30, 2018, METCO conducted slug tests on monitoring wells MW-1, MW-2 and MW-3. 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:

**Site Investigation Report - METCO
A to Z Sales & Service**

Monitoring Well MW-1

Hydraulic Conductivity (K) = 2.44E-03 cm/sec

Transmissivity = 3.48E-01 cm²/sec

Flow Velocity (V=KI/n) = 31.8106 m/yr

Monitoring Well MW-2

Hydraulic Conductivity (K) = 3.23E-03 cm/sec

Transmissivity = 5.10E-01 cm²/sec

Flow Velocity (V=KI/n) = 42.2018 m/yr

Monitoring Well MW-3

Hydraulic Conductivity (K) = 5.03E-04 cm/sec

Transmissivity = 5.63E-02 cm²/sec

Flow Velocity (V=KI/n) = 6.5692 m/yr

Since the thickness of the unconfined aquifer was unknown, the bottoms of monitoring wells MW-1, MW-2 and MW-3 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

- Local unconsolidated materials generally consist of interbedded layers of silty/clayey sand with gravel to sandy silt/clay from surface to depths ranging from 2 to 10 feet below ground surface (bgs). At depths ranging from 2 to 10 feet bgs and extending to at least 20 feet bgs exists a very fine to coarse grained sand to silty sand with gravel.
- According to data collected from the monitoring wells, the depth to groundwater ranges from 10.13 to 15.72 feet bgs depending on well location and time of year. Watertable measurements collected during the first groundwater sampling event show local horizontal groundwater flow in the immediate area of the subject property is generally toward the southwest. According to the watertable measurements collected during the second groundwater sampling event, local horizontal groundwater flow in the immediate area of the subject property is generally toward the north on the northern section of the site, and southwest on the southern section of the site. Groundwater Flow Direction Maps are presented in Section 6.
- An area of unsaturated soil contamination, which exceeds the NR720 Groundwater RCL's, exists in the area of the removed UST system and removed AST system, and consists of an irregular shaped area that measures up to 140 feet long, up to 60 feet wide, and up to 12 feet thick.
- An area of unsaturated soil contamination exceeding NR720 Non-Industrial Direct Contact RCL values exists in the area of the removed UST system and measures up to 25 feet long by 22 feet wide, and up to 4 feet thick.
- An area of unsaturated soil contamination exceeding NR720 Non-Industrial Direct Contact RCL values exists in the area of the removed AST system and consists of an area measuring approximately 13 feet in diameter, and up to 4 feet thick.
- A dissolved phase contaminant plume exceeding the NR140 ES and/or PAL has formed at the watertable in the area of the removed UST and AST systems and has migrated toward the southwest. This plume measures at least 275 feet long and up to 170 feet wide at its widest

Site Investigation Report - METCO A to Z Sales & Service

point. The groundwater contaminant plume appears to have commingled with groundwater contamination from the closed Mary's Place LUST site to the north.

- Based on the most recent groundwater analytical results, five out of the six monitoring wells (MW-1 through MW-4 and MW-6) show NR140 ES and/or PAL exceedances. However, it should be noted that monitoring well MW-6 showed ES exceedances for Benzene, Ethyl Benzene, Naphthalene, Toluene, Trimethylbenzenes, and Xylene in the first sampling event, but only showed an ES exceedance for Benzene with the previous ES exceedance contaminants reduced to PAL exceedances in the second sampling event.
- Based on the receptor survey, there does not appear to be the potential of contaminant migration along any utility corridors, risk of vapor intrusion to any buildings, or risk to any municipal or private water supply wells or surface waters.

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

The Detailed Site Map, Soil Contamination Map, Groundwater Flow Direction Maps, 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 A to Z Sales & Services site is currently a "medium risk" 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 defined to a reasonable extent in soil and groundwater. However, down-gradient

Site Investigation Report - METCO A to Z Sales & Service

monitoring well (MW-6) does have a NR140 ES exceedance (224 ppb Benzene), but was much lower than the previous round of groundwater sampling (770 ppb Benzene).

4.2 Recommendations

Based on the groundwater results of the investigation, the WDNR may require at least one additional down-gradient monitoring-well for further plume definition and additional groundwater sampling for contaminant trend analysis.

Also, based on the NR720 Non-Industrial Direct Contact Exceedances found in the area of G-2, G-4, and MW-1, the WDNR will require this to be addressed via excavation or a cap maintenance plan (sod).

5.0 REFERENCES

Driscoll, F. G., 1986, Groundwater and Wells, St. Paul, Minnesota.

Fetter, C.W., 1988, Applied Hydrogeology, Columbus, Ohio.

Geologic Logs and Well Constructor Reports, Wisconsin Geological and Natural History Survey, Madison, Wisconsin.

Nielson, D.M., 1991, Practical Handbook of Groundwater Monitoring, Chelsea, Michigan.

Seamless USGS Topographic Maps on CD-ROM, 2001, National Geographic Holdings, Inc., San Francisco, California.

Walton, W.C., 1989, Groundwater Pumping Tests, Chelsea, Michigan.

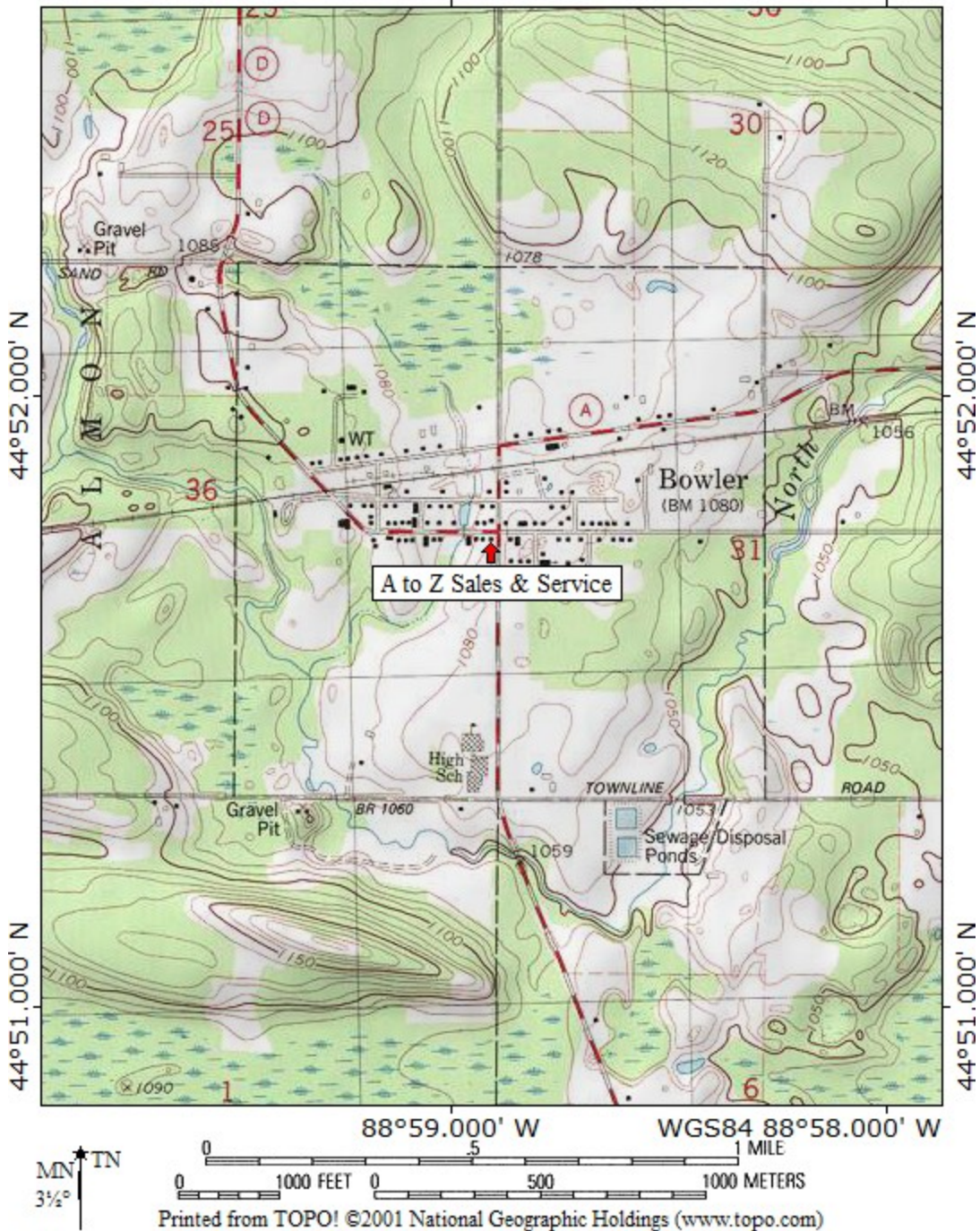
Weston, R.F., 1987, Remedial Technologies for Leaking Underground Storage Tanks.

Olcott, Perry G., 1968, Water Resources of Wisconsin – Fox-Wolf River Basin, Hydrologic Investigations, Atlas HA-321, U.S. Geological Survey, Washington D.C.

Other information and data was collected from The Village of Bowler, Diggers Hotline, Geiss Soil and Samples, LLC, Soils & Engineering Services, Fauerbach Surveying & Engineering, Synergy Environmental Lab, Wisconsin Department of Natural Resources, and local people.


6.0 FIGURES


TOPO! map printed on 12/21/16 from "Wisconsin.tpo" and "Untitled.tpg"
88°59.000' W WGS84 88°58.000' W



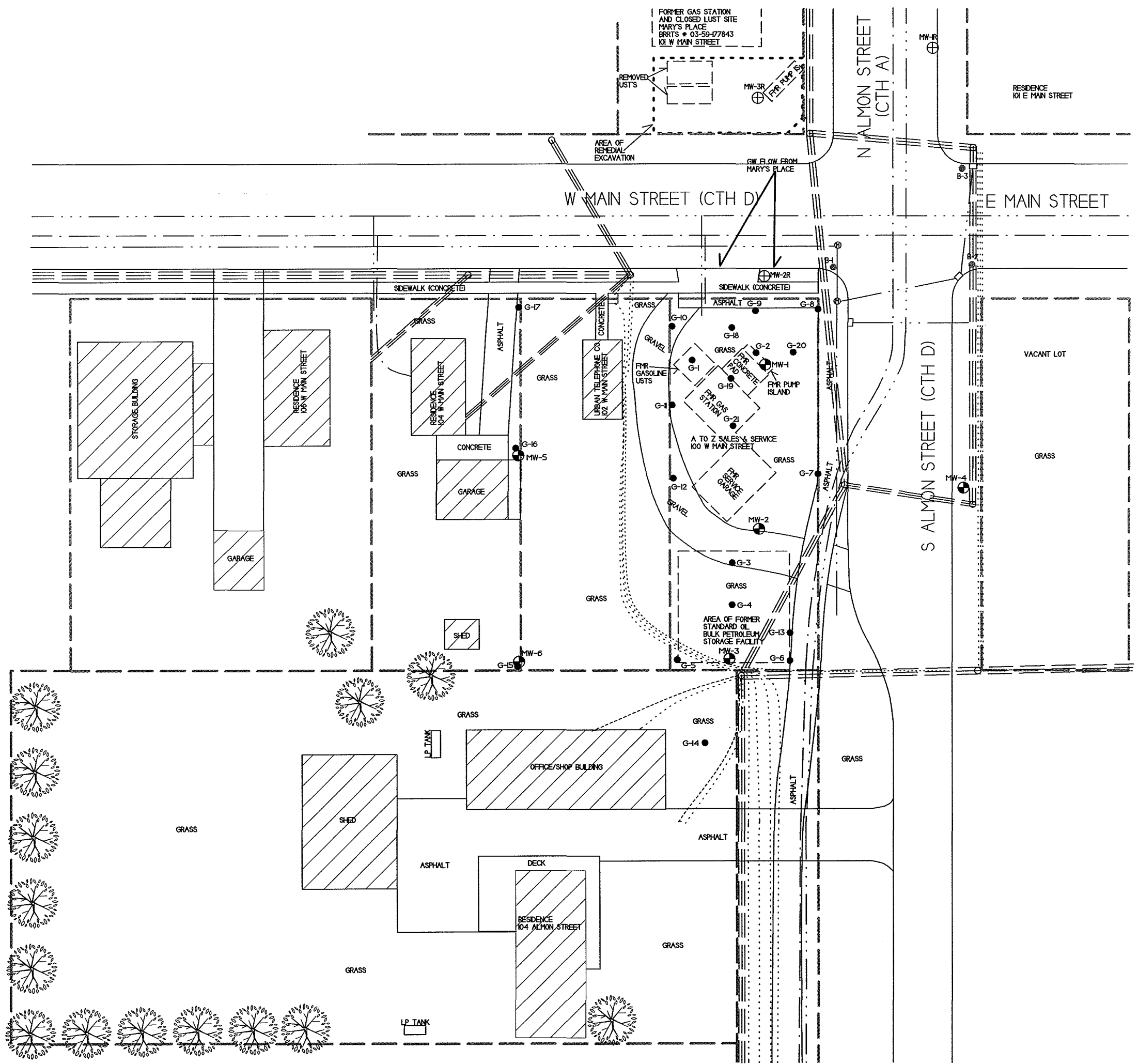
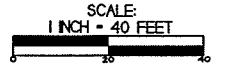
B.1.a LOCATION MAP
CONTOUR INTERVAL 10 FEET
A TO Z SALES & SERVICE – BOWLER, WI
SEAMLESS USGS TOPOGRAPHIC MAPS ON CD-ROM

SITE LAYOUT MAP
A TO Z SALES & SERVICE

 <small>750 Grand St. Suite 100 La Crosse, WI 54601 Tel: (608) 785-6879 Fax: (608) 785-8255</small>	BOWLER WISCONSIN <small>DRAWN BY: BD DATE: 12/20/18 MODIFIED BY: PH DATE: 6/25/19</small>
---	---



NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.



- PROPERTY BOUNDARY** _____
- WATER LINE** _____
- SANITARY SEWER LINE** _____
- STORM SEWER LINE** _____
- FIBER OPTIC LINE** _____
- TELEPHONE/CABLE LINE** _____
- BURIED ELECTRICAL** _____
- OVERHEAD UTILITIES** _____

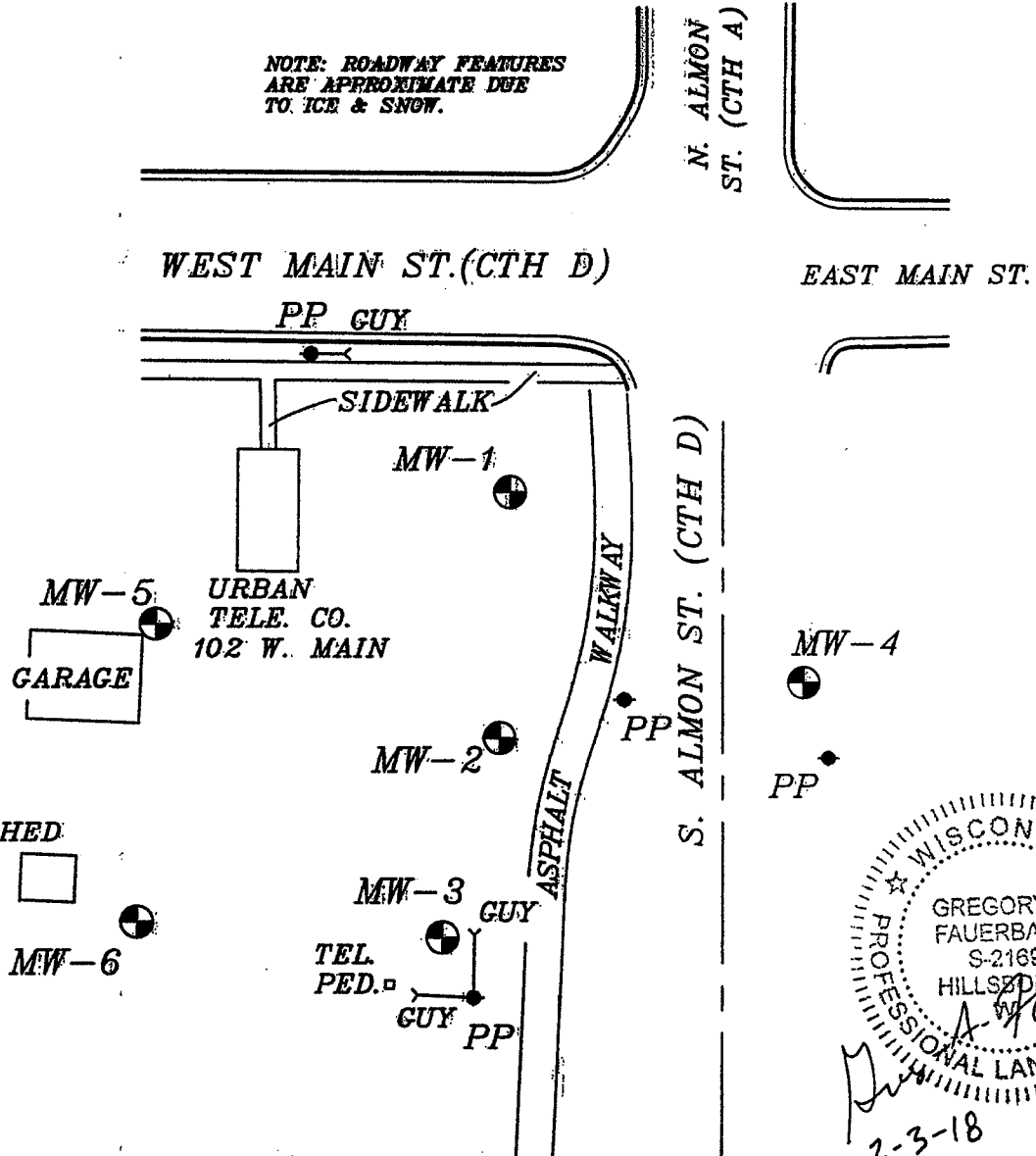
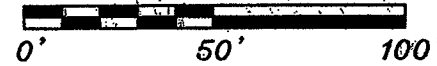
- - UTILITY POLE
- ⊕ - MANHOLE
- ⊙ - SOL. BORING LOCATION (DOT PHASE 2)
- ⊕ - FORMER MONITORING WELL LOCATION - MARY'S PLACE
- - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION

NOTE: ROADWAY FEATURES
ARE APPROXIMATE DUE
TO ICE & SNOW.

KEY

⊕ FLUSH MONITORING WELL

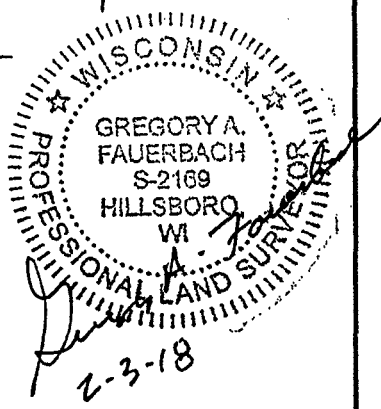
SCALE 1" = 50'



WISCONSIN
GREGORY A. FAUERBACH
S-2169
HILLSBORO, WI
PROFESSIONAL LAND SURVEYOR
2-3-18

DRAWN BY: GREG FAUERBACH	REVISIONS	PROJECT:	SHEET NAME	PAGE
DATE: 1-31-18 FIELD		FORMER A TO Z AUTO SALES	LOCATION MAP	1 OF 1
DWG. NO.: 56917	FAUERBACH SURVEYING & ENG. PO: BOX 140, HILLSBORO, WI 54834 PH/FAX 608-489-3363	100 WEST MAIN ST. BOWLER, WI 54416		

WELL	SHAWANO COUNTY WISCORS NAD83(2011)		TOP OF WELL ELEVATION (NAVD 88)	TOP OF PVC CASING ELEVATION (NAVD 88)
	NORTH	EAST		
MW-1	301691.09	763434.60	1077.95'	1077.48'
MW-2	301624.73	763431.51	1079.26'	1078.86'
MW-3	301571.19	763415.85	1080.47'	1080.07'
MW-4	301639.68	763514.10	1078.55'	1078.08'
MW-5	301655.99	763339.85	1076.12'	1075.64'
MW-6	301575.38	763334.56	1078.76'	1078.23'



DRAWN BY: GREG FAUERBACH	REVISIONS	PROJECT: FORMER A TO Z AUTO SALES 100 WEST MAIN ST. BOWLER, WI 54416	SHEET NAME	PAGE
DATE: 1-31-18 FIELD			DATA SHEET	1 OF 1
DWG. NO.: 56917	FAUERBACH SURVEYING & ENG. PO BOX 140, HILLSBORO, WI 54634 PH/FAX 608-489-3363			

GROUNDWATER FLOW DIRECTION (5/1/18)

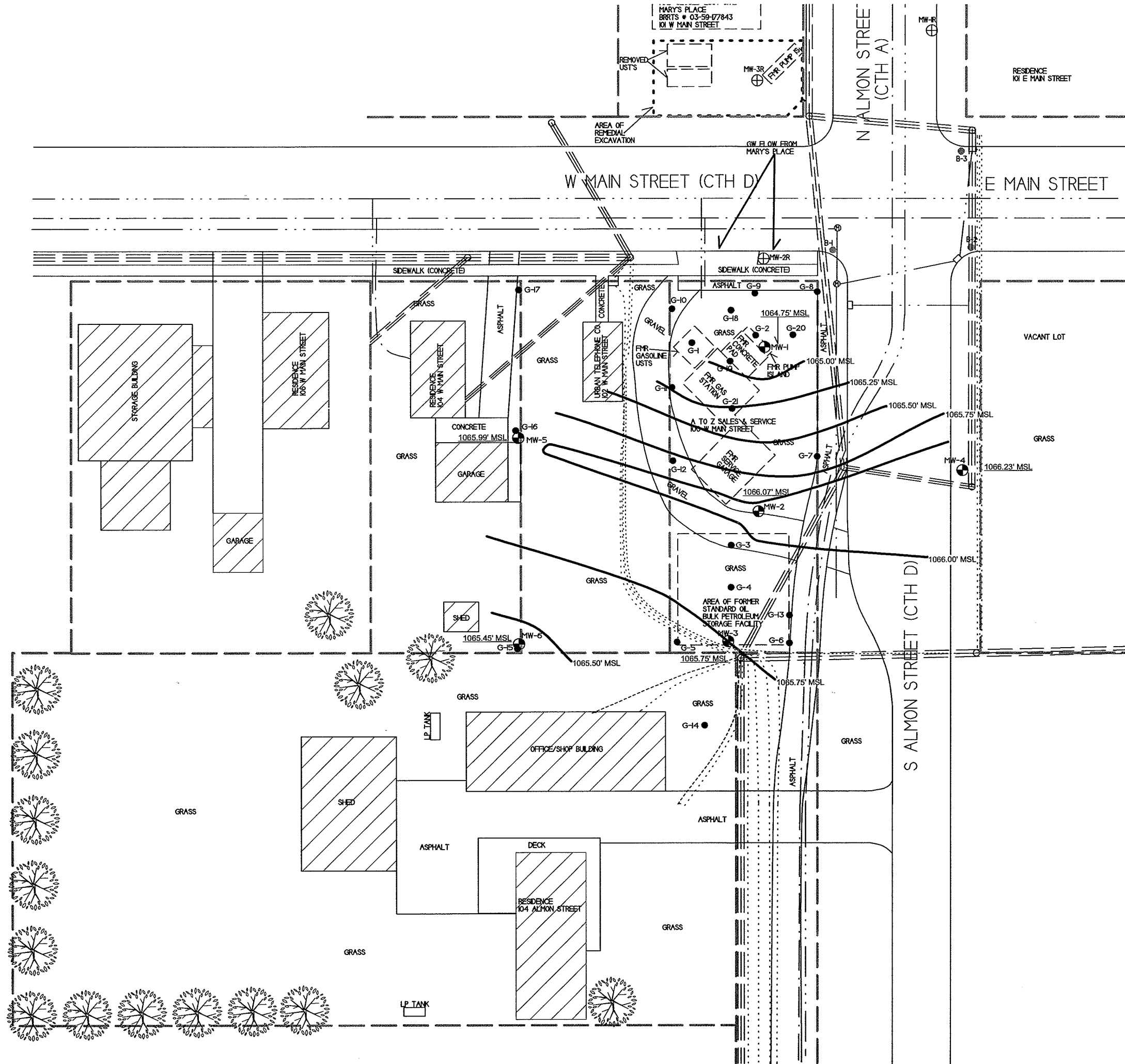
A TO Z SALES & SERVICE

METCO
100 Grand St. Suite 3
Lia Center, WI 53003
Tel: (262) 781-4878
Fax: (262) 781-4823

BOWLER, WISCONSIN
DRAWN BY: ED DATE: 5/20/18
CHECKED BY: PM DATE: 6/2/17

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

SCALE: 1 INCH = 40 FEET




- PROPERTY BOUNDARY
- WATER LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- FIBER OPTIC LINE
- TELEPHONE/CABLE LINE
- BURIED ELECTRICAL
- OVERHEAD UTILITIES
- - UTILITY POLE
- ⊕ - MANHOLE
- ⊙ - SOIL BORING LOCATION (DOT PHASE 2)
- ⊕ - FORMER MONITORING WELL LOCATION - MARY'S PLACE
- - GEOPROBE BORING LOCATION
- ⊙ - MONITORING WELL LOCATION

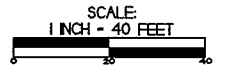
B.2.a
SOIL CONTAMINATION
A TO Z SALES & SERVICE

METCO
709 Glendale St., Suite 2
La Crosse, WI 54601
Tel: (608) 785-5875
Fax: (608) 785-0822

BOWLER
WISCONSIN
DRAWN BY: JED DATE: 12/20/07
MODIFIED BY: PPI DATE: 6/26/07

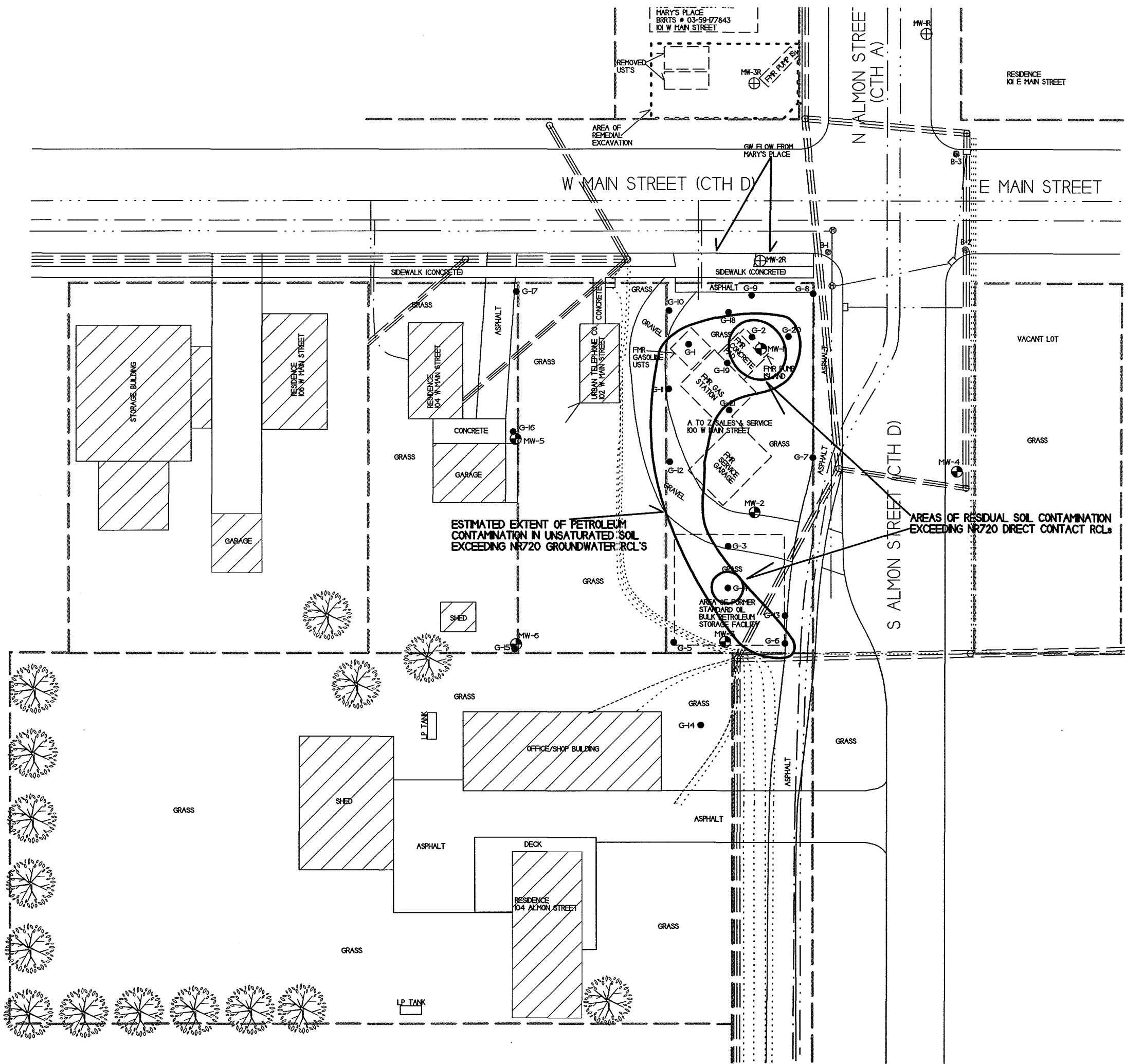


NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.



- PROPERTY BOUNDARY _____
- WATER LINE _____
- SANITARY SEWER LINE _____
- STORM SEWER LINE _____
- FIBER OPTIC LINE _____
- TELEPHONE/CABLE LINE _____
- BURIED ELECTRICAL _____
- OVERHEAD UTILITIES _____


- - UTILITY POLE
- ⊕ - MANHOLE
- ⊙ - SOL BORING LOCATION (DOT PHASE 2)
- ⊕ - FORMER MONITORING WELL LOCATION - MARY'S PLACE
- - GEOPROBE BORING LOCATION
- ⊙ - MONITORING WELL LOCATION



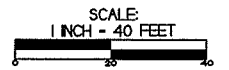
B.3.b GROUNDWATER ISOCONCENTRATION (5/1/18)
A TO Z SALES & SERVICE

METCO
759 Grand St, Suite 3
La Crosse, WI 54601
Tel: (608) 785-8875
Fax: (608) 785-8880

BOWLER
WISCONSIN
DRAWN BY: ED
DATE: 02/20/18
MODIFIED BY: PH
DATE: 6/28/17

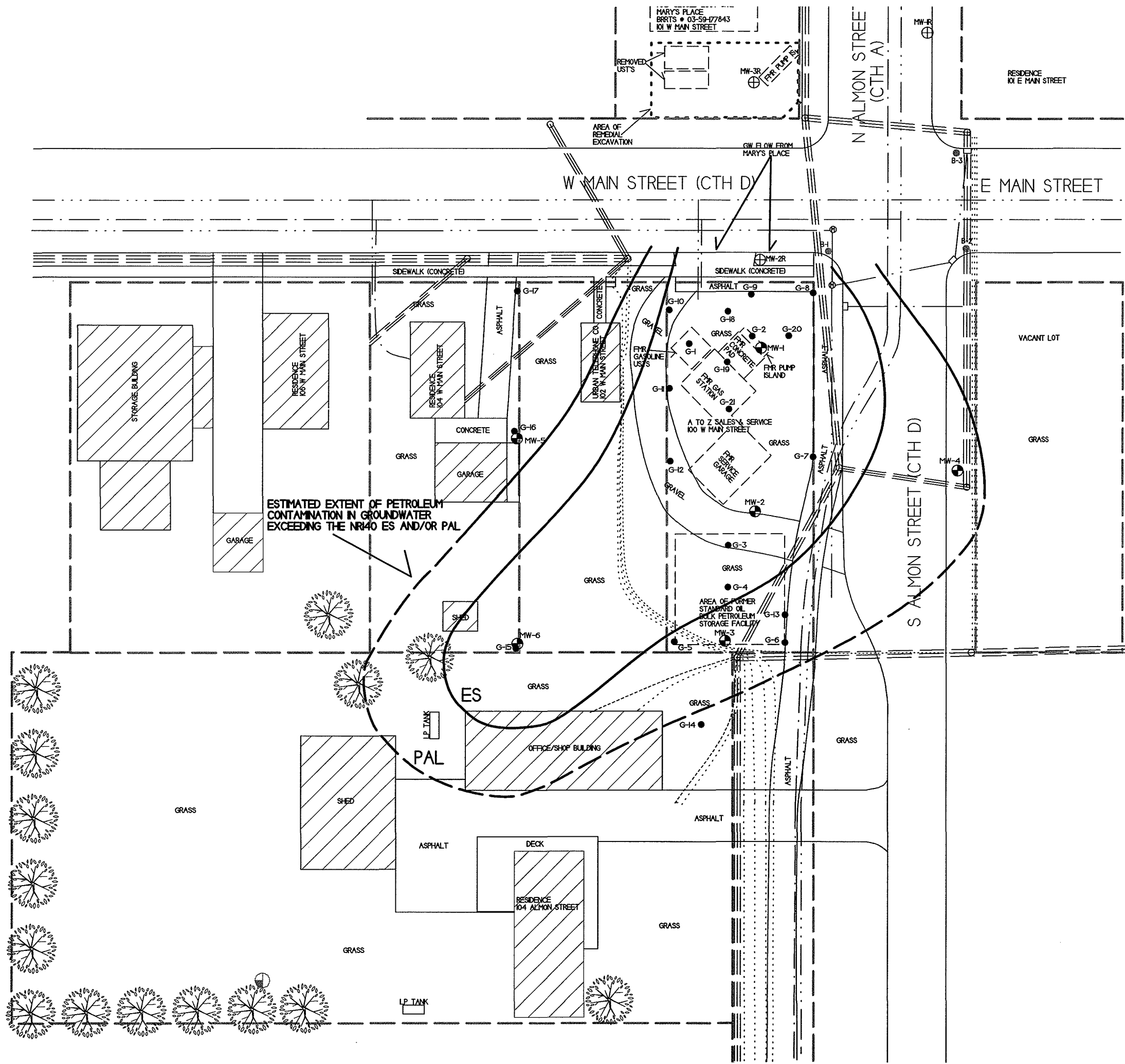


NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.



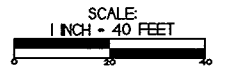
- PROPERTY BOUNDARY
- WATER LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- FIBER OPTIC LINE
- TELEPHONE/CABLE LINE
- BURIED ELECTRICAL
- OVERHEAD UTILITIES

- - UTILITY POLE
- ⊕ - MANHOLE
- - SOIL BORING LOCATION (DOT PHASE 2)
- ⊕ - FORMER MONITORING WELL LOCATION - MARYS PLACE
- - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION



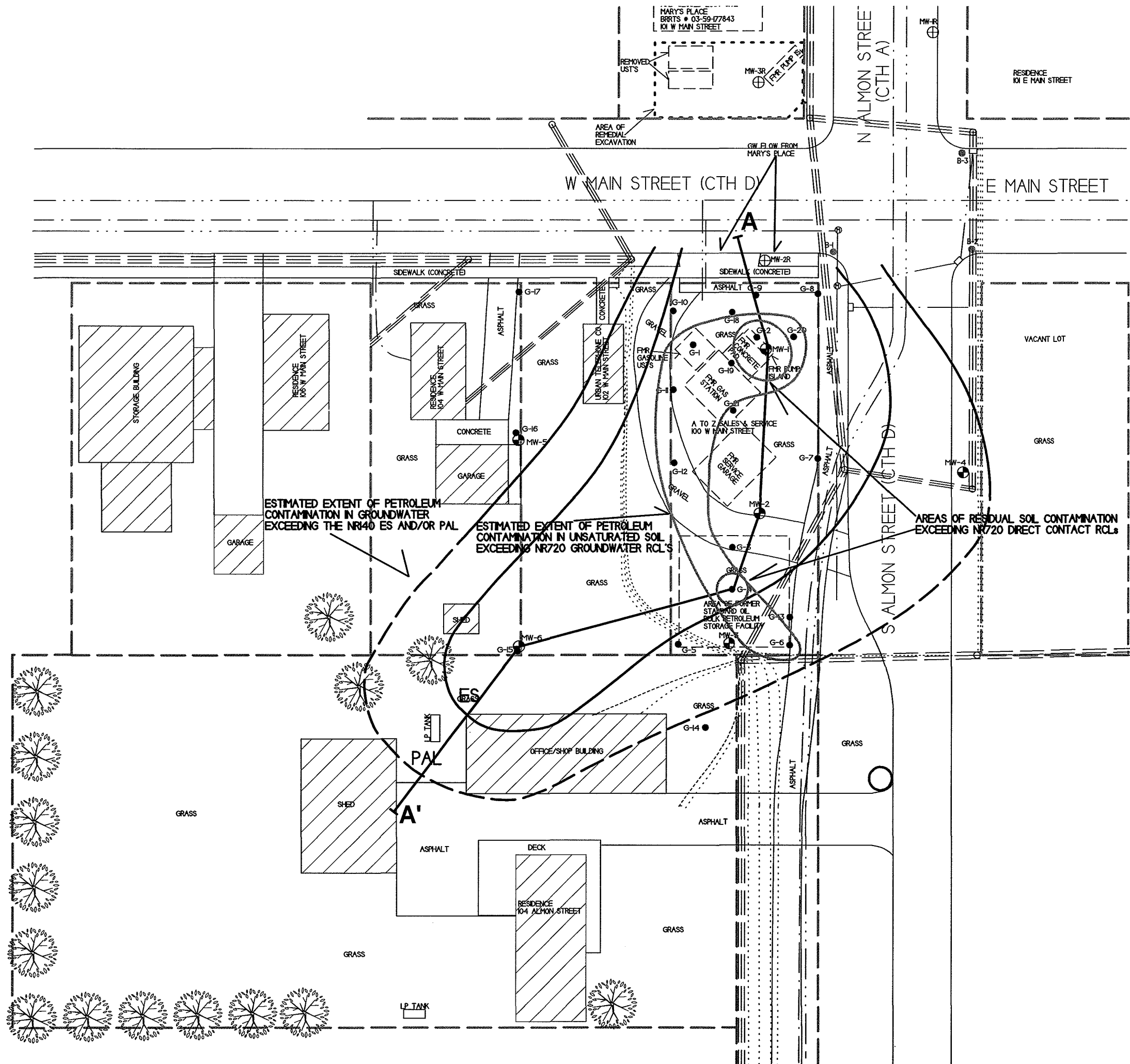
B.3.a Cross Section
Map
A TO Z SALES & SERVICE

	750 GRAND ST. SUITE 10 LA CROSSE, WI 54601 TEL: (608) 785-6872 FAX: (608) 785-6873	BOWLER, WISCONSIN DRAWN BY: [blank] DATE: 12/20/18 REVISION BY: [blank] DATE: 6/20/19
	NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.	



- PROPERTY BOUNDARY
- WATER LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- FIBER OPTIC LINE
- TELEPHONE/CABLE LINE
- BURIED ELECTRICAL
- OVERHEAD UTILITIES

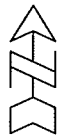
- - UTILITY POLE
- ⊕ - MANHOLE
- - SOIL BORING LOCATION (DOT PHASE 2)
- ⊕ - FORMER MONITORING WELL LOCATION - MARY'S PLACE
- - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION



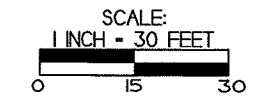
B.3.a Cross Section
Map Close Up
A TO Z SALES & SERVICE

METCO
709 Gillette St. Suite 3
La Crosse, WI 54603
Tel: (608) 781-8870
Fax: (608) 781-8853
Excellence through experience

BOWLER, WISCONSIN
DRAWN BY: ED DATE: 12/20/15
MODIFIED BY: MH DATE: 6/25/17

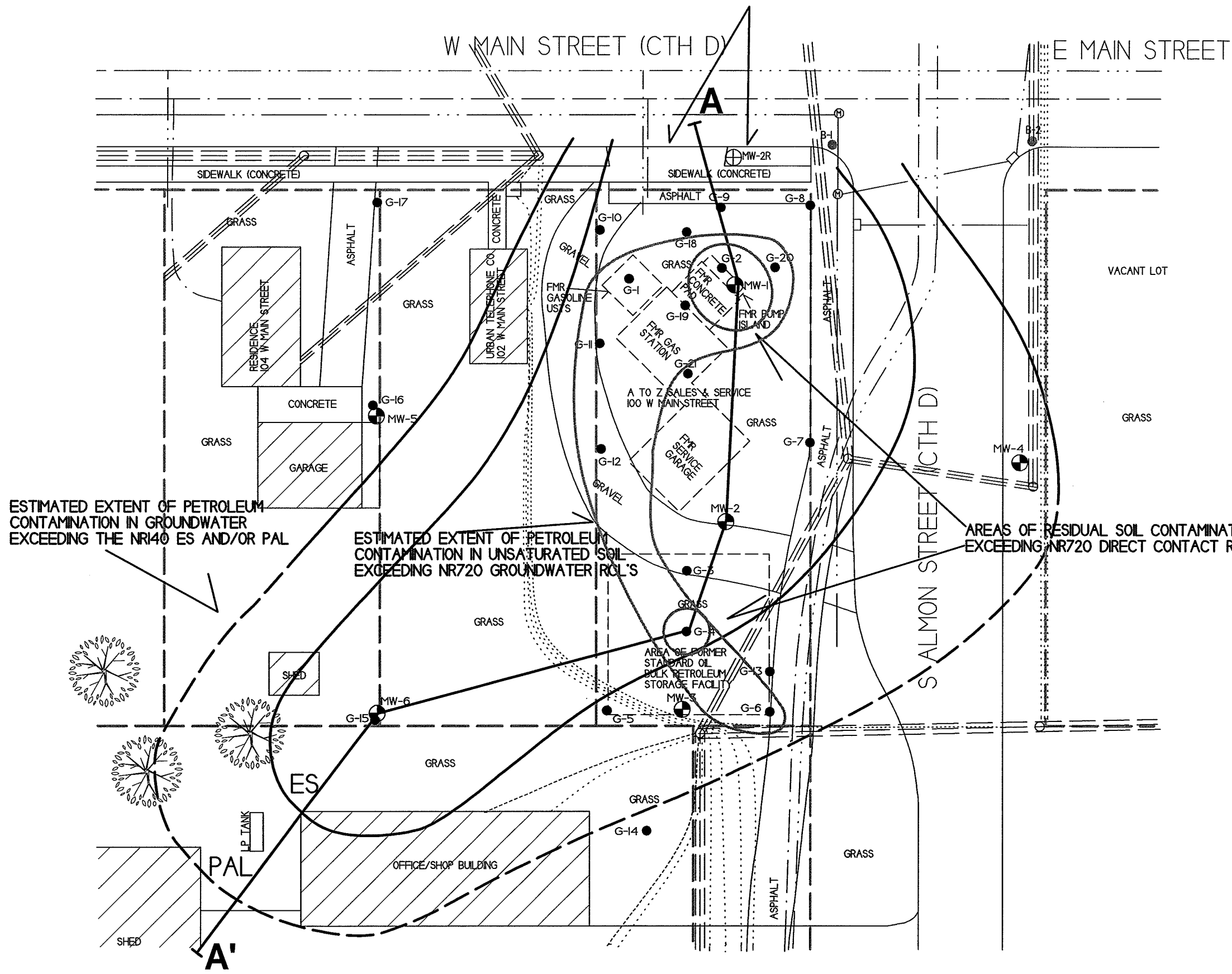


NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER



- PROPERTY BOUNDARY
- WATER LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- FIBER OPTIC LINE
- TELEPHONE/CABLE LINE
- BURIED ELECTRICAL
- OVERHEAD UTILITIES

- - UTILITY POLE
- ⊕ - MANHOLE
- - SOIL BORING LOCATION (DOT PHASE 2)
- ⊕ - FORMER MONITORING WELL LOCATION - MARY'S PLACE
- - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION



7.0 DATA TABLES, GRAPHS, AND STATISTICAL ANALYSIS

A.1 Groundwater Analytical Table

(Geoprobe)

A to Z Sales & Service – LGU BRRTS #03-59-190963

Sample ID	Date	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
G-1-W	06/19/17	1210	4300	<41	1430	9800	5350	19300
G-2-W	06/19/17	1800	5500	<41	790	31500	4260	22800
G-3-W	06/19/17	650	830	<41	158	3600	992	3930
G-4-W	06/19/17	15.3	15.6	<0.82	5.9	<0.67	7.3	16
G-5-W	06/19/17	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-7-W	06/19/17	104	1180	<41	251	1660	1620	5680
G-8-W	06/19/17	45	1040	<41	400	1270	3020	5580
G-9-W	06/19/17	2960	5900	<82	1000	24500	5180	24400
G-10-W	06/19/17	15.5	2170	<41	380	2370	3370	8310
G-11-W	06/19/17	320	1260	<82	510	6300	6440	20300
G-12-W	06/19/17	10.8	16.9	<0.82	25.2	7.4	103.6	94
G-13-W	06/19/17	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-14-W	06/19/17	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-15-W	06/20/17	0.29	9.6	<0.82	<2.17	<0.67	22.4	47.6
G-16-W	06/20/17	<0.17	1.19	<0.82	<2.17	<0.67	<2.05	5.02
G-17-W	06/20/17	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-18-W	06/20/17	3500	4800	<41	660	22300	4560	19600
G-19-W	06/20/17	3200	4400	<164	580	25500	3570	19100
G-20-W	06/20/17	3700	4800	<410	<1085	37000	3590	21900
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

(ppb) = parts per billion

(ppm) = parts per million

DRO = Diesel Range Organics

GRO = Gasoline Range Organics

METCO

Environmental Consulting, Fuel System Design, Installation and Service

A.2 Soil Analytical Results Table
A to Z Sales & Service – LGU BRRTS #03-59-190963

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
B-1-2	2-3	U	04/29/02	0.00	3.37	NS	NS	<0.025	<0.025	<0.025	NS	<0.025	<0.025	<0.025	<0.025	NS	0		
B-2-2	2-3	U	04/29/02	0.00	4.21	NS	NS	<0.025	<0.025	<0.025	NS	<0.025	<0.025	<0.025	<0.025	NS	0		
B-3-2	2-3	U	04/29/02	0.00	6.89	NS	NS	<0.025	0.0299	<0.025	NS	<0.025	0.106	0.0355	0.146	NS	0		
G-1-1	3.5	U	06/19/17	3.1	2.57	NS	NS	<0.025	<0.025	<0.025	NS	<0.025	<0.025	<0.025	<0.025	NS	0		
G-1-2	8	U	06/19/17	16.3	NS	NS	NS	<0.025	0.088	<0.025	<0.025	<0.025	0.299	0.111	0.539	NS			
G-1-3	11.5	U	06/19/17	257.0	NS	NS	NS	0.099	0.93	<0.025	0.77	0.216	3.3	1.14	5.02	NS			
G-2-1	3.5	U	06/19/17	35.4	3.21	NS	NS	1.34	8.9	<0.25	22	2.41	64	28.5	46.8	NS	2	0.4517	5.9E-06
G-2-2	7	U	06/19/17	2179.0	NS	NS	NS	<0.3	7.5	<0.5	5.4	5.0	34	9.9	43.5	SEE VOC SHEET			
G-2-3	10	U	06/19/17	1143.0	NS	NS	NS	0.043	1.27	<0.025	1.37	0.69	6.4	2.09	7.43	NS			
G-3-1	3.5	U	06/19/17	2.4	15.8	NS	NS	<0.025	0.050	<0.025	0.0172	0.065	0.121	0.041	0.225	NS	0	0.0007	9.4E-09
G-3-2	4-8	U	06/19/17	1.9												NOT SAMPLED			
G-3-3	10	U	06/19/17	2.4	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	0.040	<0.025	0.050-0.075	NS			
G-3-4	13	U	06/19/17	1.9	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-4-1	3.5	U	06/19/17	4.3	121	NS	NS	<0.025	<0.025	<0.025	<0.0153	<0.025	<0.025	<0.025	<0.025	NS	1	0.3134	2.7E-06
G-4-2	7	U	06/19/17	4.4												NOT SAMPLED			
G-4-3	9	U	06/19/17	3.4	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-4-4	13	U	06/19/17	3.5	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-5-1	3.5	U	06/19/17	1.9	4.39	NS	NS	<0.025	<0.025	<0.025	<0.0153	<0.025	<0.025	<0.025	<0.025	NS	0		
G-5-2	7	U	06/19/17	2.5												NOT SAMPLED			
G-5-3	9	U	06/19/17	4.1	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-5-4	13	U	06/19/17	2.4	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-6-1	3.5	U	06/19/17	4.9	31.4	NS	NS	<0.025	<0.025	<0.025	<0.0153	<0.025	<0.025	<0.025	<0.025	NS	0		
G-6-2	7	U	06/19/17	6.8												NOT SAMPLED			
G-6-3	11	U	06/19/17	7.2	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-7-1	3.5	U	06/19/17	4.3	1.67	NS	NS	<0.025	<0.025	<0.025	<0.0153	<0.025	<0.025	<0.025	<0.025	NS	0		
G-7-2	7	U	06/19/17	4.0												NOT SAMPLED			
G-7-3	8	U	06/19/17	3.9	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-7-4	13	U	06/19/17	3.7	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-8-1	3.5	U	06/19/17	4.1	4.24	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS	0		
G-8-2	7	U	06/19/17	4.8	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-8-3	10	U	06/19/17	7.9	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	0.0255	0.038	<0.025	0.063-0.088	NS			
G-9-1	3.5	U	06/19/17	3.0	3.95	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS	0		
G-9-2	7	U	06/19/17	2.5	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-9-3	10	U	06/19/17	24.1	NS	NS	NS	<0.025	<0.025	<0.025	0.106	0.033	0.133	0.042	<0.276	NS			
G-10-1	3.5	U	06/19/17	4.4	4.12	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS	0		
G-10-2	7	U	06/19/17	3.0	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-10-3	10	U	06/19/17	4.7	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-11-1	3.5	U	06/19/17	16.7	34.60	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS	0		
G-11-2	7	U	06/19/17	1.9	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-11-3	10	U	06/19/17	933	NS	NS	NS	<0.025	<0.025	<0.025	0.060	0.0272	0.40	0.187	0.614	NS			
G-12-1	3.5	U	06/19/17	4.7	32.30	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS	0		
G-12-2	7	U	06/19/17	3.8	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-12-3	10	U	06/19/17	3.8	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-13-1	3.5	U	06/19/17	1.9	3.13	NS	NS	<0.025	<0.025	<0.025	<0.0153	<0.025	<0.025	<0.025	<0.025	NS	0		
G-13-2	6	U	06/19/17	2.0												NOT SAMPLED			
G-13-3	9	U	06/19/17	4.6	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-13-4	13	U	06/19/17	3.1	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-14-1	3.5	U	06/19/17	5.6	4.18	NS	NS	<0.025	<0.025	<0.025	<0.0153	<0.025	<0.025	<0.025	<0.025	NS	0		
G-14-2	7	U	06/19/17	4.8												NOT SAMPLED			
G-14-3	10	U	06/19/17	2.1	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-14-4	14	U	06/19/17	3.5	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-15-1	3.5	U	06/20/17	2.6	2.35	NS	NS	<0.025	<0.025	<0.025	<0.0153	<0.025	<0.025	<0.025	<0.025	NS	0		
G-15-2	7	U	06/20/17	1.4												NOT SAMPLED			
G-15-3	9	U	06/20/17	2.2	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-15-4	13	U	06/20/17	2.5	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-16-1	3.5	U	06/20/17	3.4	1.76	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS	0		
G-16-2	7	U	06/20/17	2.8	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-16-3	10	U	06/20/17	3.3	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-17-1	3.5	U	06/20/17	4.7	4.23	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS	0		
G-17-2	5	U	06/20/17	6.4	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-17-3	9.5	U	06/20/17	9.5	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS			
G-18-1	3.5	U	06/20/17	12.1	1.75	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS	0		
G-18-2	7	U	06/20/17	33	NS	NS	NS	<0.025	0.077	<0.025	<0.025	0.0256	0.172	0.064	0.363	NS			
G-18-3	10	U	06/20/17	46	NS	NS	NS	<0.025	<0.025	<0.025	0.063	<0.025	0.107	0.035	0.146	NS			
G-19-1	3.5	U	06/20/17	410	2.69	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS	0		
G-19-2	6	U	06/20/17	88.0	NS	NS	NS	4.3	8.8	<0.25	21.2	1.46	21.2	8.8	22.9	NS			
G-19-3	10	U	06/20/17		NS	NS	NS	0.029	0.128	<0.025	<0.025	0.034	0.243	0.087	0.609	NS			
G-20-1	3.5	U	06/20/17		31.0	NS	NS	<0.025	<0.025	<0.025	0.072	<0.025	0.146	0.14	0.105	NS	0	0.0013	1.3E-08
G-20-2	6	U	06/20/17		NS	NS	NS	0.36	7.4	<0.25	16.6	2.28	83	29.4	62.9	NS			
G-20-3	10	U	06/20/17		NS	NS	NS	<0.025	0.45	<0.025	0.6								

A.2 Soil Analytical Results Table
A to Z Sales & Service – LGU BRRTS #03-59-190963

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-3-1	3.5	U	10/23/17	1.5													NS			
MW-3-2	8	U	10/23/17	1.7													NS			
MW-3-3	12	U	10/23/17	1.7													NS			
MW-3-4	16	S	10/23/17	1.27													NS			
MW-4-1	3.5	U	10/23/17	1.1													NS			
MW-4-2	8	U	10/23/17	0.8													NS			
MW-4-3	12	U	10/23/17	2.0													NS			
MW-4-4	16	S	10/23/17	1.4													NS			
MW-5-1	3.5	U	10/23/17	1.5													NS			
MW-5-2	8	U	10/23/17	1.5													NS			
MW-5-3	12	S	10/23/17	2.1													NS			
MW-5-4	16	S	10/23/17	1.6													NS			
MW-6-1	3.5	U	10/23/17	1.1													NS			
MW-6-2	8	U	10/23/17	1.4													NS			
MW-6-3	12	S	10/23/17	1.6													NS			
MW-6-4	16	S	10/23/17	2.0													NS			
MW-6-5	20	S	10/23/17	1.8													NS			
MW-1-1	3.5	U	10/24/17	1247	NS	NS	4600	(12.3)	(72)	<2.5	(40)	48	(299)*	118	(359)*		NS	5	1.932	2.4E-05
MW-1-2	8	U	10/24/17	1199													NS			
MW-1-3	12	U	10/24/17	3088	NS	NS	12100	65	370	<1.25	114	620	740*	254*	1670*		TCLP LEAD <0.1 TCLP BENZENE <0.05			
MW-1-4																	NS			
MW-2-1	3.5	U	10/24/17	2.2													NS	0		
MW-2-2	8	U	10/24/17	1.3													NS			
MW-2-3	12	U	10/24/17	1.2													NS			
MW-2-4	16	S	10/24/17	1954													NS			
Groundwater RCL					27	-	-	0.00512	1.57	0.027	0.6582	1.11		1.38	3.96		-			
Non-Industrial Direct Contact RCL					400	-	-	1.6	8.02	63.8	5.52	818	219	182	260		-		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

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

Italics = Industrial Direct Contact RCL
NS = Not Sampled
(ppm) = parts per million
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.

A.2 Soil Analytical Results Table
A to Z Sales & Service – LGU BRRTS #03-59-190963

Sampling Conducted on June 19, 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-2-2				
Sample Depth/ft.	7				
Solids Percent					
Benzene/ppm	< 0.3	0.00512	<u>1.6</u>	(7.07)	1820*
Bromobenzene/ppm	< 0.25	= =	<u>342</u>	(679)	= =
Bromodichloromethane/ppm	< 0.74	0.000326	<u>0.418</u>	(1.83)	= =
Bromoform/ppm	< 0.29	0.00233	<u>25.4</u>	(113)	= =
tert-Butylbenzene/ppm	< 0.26	= =	<u>183</u>	(183)	183*
sec-Butylbenzene/ppm	0.58 "J"	= =	<u>145</u>	(145)	145*
n-Butylbenzene/ppm	3.6	= =	<u>108</u>	(108)	108*
Carbon Tetrachloride/ppm	< 0.16	0.00388	<u>0.916</u>	(4.03)	= =
Chlorobenzene/ppm	< 0.13	= =	<u>370</u>	(761)	761*
Chloroethane/ppm	< 0.91	0.227	= =	= =	= =
Chloroform/ppm	< 0.35	0.0033	<u>0.454</u>	(1.98)	= =
Chloromethane/ppm	< 0.76	0.0155	<u>159</u>	(669)	= =
2-Chlorotoluene/ppm	< 0.15	= =	= =	= =	= =
4-Chlorotoluene/ppm	< 0.18	= =	= =	= =	= =
1,2-Dibromo-3-chloropropane/ppm	< 0.58	0.000173	<u>0.008</u>	(0.092)	= =
Dibromochloromethane/ppm	< 0.25	0.032	<u>8.28</u>	(38.9)	= =
1,4-Dichlorobenzene/ppm	< 0.37	0.144	<u>3.74</u>	(16.4)	= =
1,3-Dichlorobenzene/ppm	< 0.37	1.1528	<u>297</u>	(193)	297*
1,2-Dichlorobenzene/ppm	< 0.28	1.168	<u>376</u>	(376)	376*
Dichlorodifluoromethane/ppm	< 0.48	3.0863	<u>126</u>	(530)	= =
1,2-Dichloroethane/ppm	< 0.38	0.00284	<u>0.652</u>	(2.87)	540*
1,1-Dichloroethane/ppm	< 0.34	0.4834	<u>5.06</u>	(22.2)	= =
1,1-Dichloroethene/ppm	< 0.22	0.00502	<u>320</u>	(1190)	1190*
cis-1,2-Dichloroethene/ppm	< 0.32	0.0412	<u>156</u>	(2340)	= =
trans-1,2-Dichloroethene/ppm	< 0.28	0.626	<u>1560</u>	(1850)	= =
1,2-Dichloropropane/ppm	< 0.35	0.00332	<u>0.406</u>	(1.78)	= =
1,3-Dichloropropane/ppm	< 0.25	= =	<u>1490</u>	(1490)	1490*
trans-1,3-Dichloropropene/ppm	< 0.22	= =	<u>1510</u>	(1510)	= =
cis-1,3-Dichloropropene/ppm	< 0.39	0.001	<u>1210</u>	(1210)	= =
Di-isopropyl ether/ppm	< 0.1	= =	<u>2260</u>	(2260)	2260*
EDB (1,2-Dibromoethane)/ppm	< 0.23	0.0000282	<u>0.05</u>	(0.221)	= =
Ethylbenzene/ppm	7.5	1.57	<u>8.02</u>	(35.4)	480*
Hexachlorobutadiene/ppm	< 0.85	= =	<u>1.63</u>	(7.19)	= =
Isopropylbenzene/ppm	0.92 "J"	= =	= =	= =	= =
p-Isopropyltoluene/ppm	< 0.29	= =	<u>162</u>	(162)	162*
Methylene chloride/ppm	< 1.5	0.00256	<u>61.8</u>	(1150)	= =
Methyl tert-butyl ether (MTBE)/ppm	< 0.5	0.027	<u>63.8</u>	(282)	8870*
Naphthalene/ppm	5.4	0.6582	<u>5.52</u>	(24.1)	= =
n-Propylbenzene/ppm	4.2	= =	= =	= =	= =
1,1,2,2-Tetrachloroethane/ppm	< 0.28	0.000156	<u>0.81</u>	(3.6)	= =
1,1,1,2-Tetrachloroethane/ppm	< 0.28	0.0534	<u>2.78</u>	(12.3)	= =
Tetrachloroethene (PCE)/ppm	< 0.32	0.00454	<u>33</u>	(145)	= =
Toluene/ppm	5	1.11	<u>818</u>	(818)	818*
1,2,4-Trichlorobenzene/ppm	< 0.64	0.408	<u>24</u>	(113)	= =
1,2,3-Trichlorobenzene/ppm	< 0.66	= =	<u>62.6</u>	(934)	= =
1,1,1-Trichloroethane/ppm	< 0.3	0.1402	= =	= =	= =
1,1,2-Trichloroethane/ppm	< 0.33	0.00324	<u>1.59</u>	(7.01)	= =
Trichloroethene (TCE)/ppm	< 0.41	0.00358	<u>1.3</u>	(8.41)	= =
Trichlorofluoromethane/ppm	< 0.41	2.2387	<u>1230</u>	(1230)	1230*
1,2,4-Trimethylbenzene/ppm	34	1.38	<u>219</u>	(219)	219*
1,3,5-Trimethylbenzene/ppm	9.9	= =	<u>182</u>	(182)	182*
Vinyl Chloride/ppm	< 0.19	0.000138	<u>0.07</u>	(2.08)	= =
m&p-Xylene/ppm	32	3.96	<u>260</u>	(260)	258*
o-Xylene/ppm	11.5	= =	= =	= =	= =

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
(PAH)

A to Z Sales & Service – LGU BRRTS #03-59-190963

Sample	Depth (feet)	Saturation U/S	Date	Acenaph-thene (ppm)	Acenaph-thylene (ppm)	Anthracene (ppm)	Benzo(a) anthracene (ppm)	Benzo(a) pyrene (ppm)	Benzo(b) fluoranthene (ppm)	Benzo(g,h,i) perylene (ppm)	Benzo(k) fluoranthene (ppm)	Chrysene (ppm)	Dibenzo(a,h) anthracene (ppm)	Fluoranthene (ppm)	Fluorene (ppm)	Indeno(1,2,3-cd) pyrene (ppm)	1-Methyl-naphthalene (ppm)	2-Methyl-naphthalene (ppm)	Naph-thalene (ppm)	Phenan-threne (ppm)	Pyrene (ppm)	DIRECT CONTACT PVOC & PAH COMBINED		
																						Exceedance Count	Hazard Index	Cumulative Cancer Risk
G-3-1	3.5	U	06/19/17	<0.0151	<0.0159	<0.0109	<0.0116	<0.0113	<0.013	<0.0114	<0.0147	<0.0121	<0.0078	<0.0147	<0.0179	<0.0114	<0.0203	0.0247	0.0172	<0.0111	<0.0153	0	0.0007	9.4E-09
G-4-1	3.5	U	06/19/17	<0.0151	0.047	0.059	0.169	0.19	0.254	0.95	0.083	0.175	0.059	0.179	<0.0179	0.189	<0.0203	<0.0113	<0.0153	0.039	0.194	1	0.3134	2.7E-06
G-5-1	3.5	U	06/19/17	<0.0151	<0.0159	<0.0109	<0.0116	<0.0113	<0.013	<0.0114	<0.0147	<0.0121	<0.0078	<0.0147	<0.0179	<0.0114	<0.0203	<0.0113	<0.0153	<0.0111	<0.0153	0		
G-6-1	3.5	U	06/19/17	<0.0151	<0.0159	<0.0109	<0.0116	<0.0113	<0.013	0.0145	<0.0147	<0.0121	<0.0078	<0.0147	<0.0179	<0.0114	<0.0203	<0.0113	<0.0153	<0.0111	<0.0153	0		
G-7-1	3.5	U	06/19/17	<0.0151	<0.0159	<0.0109	<0.0116	<0.0113	<0.013	<0.0114	<0.0147	<0.0121	<0.0078	<0.0147	<0.0179	<0.0114	<0.0203	<0.0113	<0.0153	<0.0111	<0.0153	0		
G-13-1	3.5	U	06/19/17	<0.0151	<0.0159	<0.0109	<0.0116	<0.0113	<0.013	<0.0114	<0.0147	<0.0121	<0.0078	<0.0147	<0.0179	<0.0114	<0.0203	<0.0113	<0.0153	<0.0111	<0.0153	0		
G-14-1	3.5	U	06/19/17	<0.0151	<0.0159	<0.0109	<0.0116	<0.0113	<0.013	<0.0114	<0.0147	<0.0121	<0.0078	<0.0147	<0.0179	<0.0114	<0.0203	<0.0113	<0.0153	<0.0111	<0.0153	0		
G-15-1	3.5	U	06/20/17	<0.0151	<0.0159	<0.0109	<0.0116	<0.0113	<0.013	<0.0114	<0.0147	<0.0121	<0.0078	<0.0147	<0.0179	<0.0114	<0.0203	<0.0113	<0.0153	<0.0111	<0.0153	0		
Groundwater RCL				---	---	197	---	0.47	0.2390	---	---	0.0721	---	88.8	14.8	---	---	---	0.6582	---	54.5			
Non-Industrial Direct Contact RCL				3590	---	17900	1.140	0.1150	1.150	---	11.50	115	0.1150	2390	2390	1.150	17.6	239	5.52	---	1790		1.00E+00	1.00E-05
Industrial Direct Contact RCL				(45200)	---	(100000)	(20.8)	(2.11)	(21.1)	---	(211)	(2110)	(2.11)	(30100)	(30100)	(21.1)	(72.7)	(3010)	(24.1)	---	(22600)			
Soil Saturation Concentration (C-sat)*				---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			

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

(ppm) = parts per million

PAH = Polynuclear Aromatic Hydrocarbons

PID = Photoionization Detector

VOC's = Volatile Organic Compounds

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

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

A.1 Groundwater Analytical Table
A to Z Sales & Service – LGU BRRTS #03-59-190963

Well MW-1
PVC Elevation = 1077.48 (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)
01/30/18	1065.17	12.31	9.9	4900	4100	<56	880	30600	3150	19000
05/01/18	1064.75	12.73	38.3	4000	4400	<28	580	39000	3510	19200
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 = 1078.86 (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)
01/30/18	1065.04	13.82	5.2	810	1710	<14	305	4400	2400	7850
05/01/18	1066.07	12.79	16.4	960	1340	<28	236	4500	1740	6080
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 = 1080.07 (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)
01/30/18	1064.75	15.32	<0.9	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
05/01/18	1065.75	14.32	<0.9	0.54	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
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
A to Z Sales & Service – LGU BRRTS #03-59-190963

Well MW-4

PVC Elevation = 1078.08 (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)
01/30/18	1065.12	12.96	<0.9	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
05/01/18	1066.23	11.85	1.6	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
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 = 1075.64 (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)
01/30/18	1065.06	10.58	1.3	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
05/01/18	1065.99	9.65	<0.9	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
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 = 1078.23 (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)
01/30/18	1064.54	13.69	<0.9	770	1240	<14	258	1730	779	3690
05/01/18	1065.45	12.78	<0.9	224	370	<2.8	40	194	182	884
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

(PAH)

A to Z Sales & Service – LGU BRRTS #03-59-190963

Well MW-1

Date	Ace-naphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)	
1/30/2018	<1.60	<1.80	<1.80	<3.40	<3.40	<4.00	<2.20	<2.80	<3.80	<2.00	<6.20	<2.20	<2.40	95.0	134	540	<5.00	<6.00	
ENFORCEMENT STANDARD = ES – Bold				3000	0.2	0.2	-	-	0.2	-	400	400	-	-	-	100	-	250	
PREVENTIVE ACTION LIMIT = PAL – Italics				600	0.02	0.02	-	-	0.02	-	80	80	-	-	-	-	10	-	50

(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

Date	Ace-naphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)	
1/30/2018	0.62	<0.45	0.56	<0.85	<0.85	<1.00	<0.55	<0.70	<0.95	<0.50	<1.55	<0.55	<0.60	49.0	87.0	230	1.37	<1.50	
ENFORCEMENT STANDARD = ES – Bold				3000	0.2	0.2	-	-	0.2	-	400	400	-	-	-	100	-	250	
PREVENTIVE ACTION LIMIT = PAL – Italics				600	0.02	0.02	-	-	0.02	-	80	80	-	-	-	-	10	-	50

(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

Date	Ace-naphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)	
1/30/2018	<0.008	<0.009	<0.009	<0.017	<0.017	<0.02	<0.011	<0.014	<0.019	<0.01	<0.031	<0.011	<0.012	<0.012	<0.013	0.0254	<0.025	<0.03	
ENFORCEMENT STANDARD = ES – Bold				3000	0.2	0.2	-	-	0.2	-	400	400	-	-	-	100	-	250	
PREVENTIVE ACTION LIMIT = PAL – Italics				600	0.02	0.02	-	-	0.02	-	80	80	-	-	-	-	10	-	50

(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

(PAH)

A to Z Sales & Service – LGU BRRTS #03-59-190963

Well MW-4

Date	Ace-naphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)
1/30/2018	<0.008	<0.009	<0.009	<0.017	<0.017	<0.02	<0.011	<0.014	<0.019	<0.01	<0.031	<0.011	<0.012	<0.012	<0.013	<0.023	<0.025	<0.03
ENFORCEMENT STANDARD = ES – Bold			3000	-	0.2	0.2	-	-	0.2	-	400	400	-	-	-	100	-	250
PREVENTIVE ACTION LIMIT = PAL - Italics			600	-	0.02	0.02	-	-	0.02	-	80	80	-	-	-	10	-	50

(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

Date	Ace-naphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)
1/30/2018	<0.008	<0.009	<0.009	<0.017	<0.017	<0.02	<0.011	<0.014	<0.019	<0.01	<0.031	<0.011	<0.012	<0.012	<0.013	0.0313	<0.025	<0.03
ENFORCEMENT STANDARD = ES – Bold			3000	-	0.2	0.2	-	-	0.2	-	400	400	-	-	-	100	-	250
PREVENTIVE ACTION LIMIT = PAL - Italics			600	-	0.02	0.02	-	-	0.02	-	80	80	-	-	-	10	-	50

(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

Date	Ace-naphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)
1/30/2018	<0.20	<0.225	0.225	<0.425	<0.425	<0.50	<0.275	<0.35	<0.475	<0.25	<0.775	<0.275	<0.30	13.4	10.7	99.0	<0.625	<0.75
ENFORCEMENT STANDARD = ES – Bold			3000	-	0.2	0.2	-	-	0.2	-	400	400	-	-	-	100	-	250
PREVENTIVE ACTION LIMIT = PAL - Italics			600	-	0.02	0.02	-	-	0.02	-	80	80	-	-	-	10	-	50

(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
A to Z Sales & Service – LGU BRRTS #03-59-190963

Well Sampling Conducted on: 01/30/18 01/30/18 01/30/18 01/30/18 01/30/18 01/30/18

VOC's

Well Name	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
Lead, dissolved/ppb	9.9	5.2	< 0.9	< 0.9	1.3	< 0.9
Benzene/ppb	4900	810	< 0.22	< 0.22	< 0.22	770
Bromobenzene/ppb	< 88	< 22	< 0.44	< 0.44	< 0.44	< 22
Bromodichloromethane/ppb	< 66	< 16.5	< 0.33	< 0.33	< 0.33	< 16.5
Bromoform/ppb	< 90	< 22.5	< 0.45	< 0.45	< 0.45	< 22.5
tert-Butylbenzene/ppb	< 50	< 12.5	< 0.25	< 0.25	< 0.25	< 12.5
sec-Butylbenzene/ppb	< 158	< 39.5	< 0.79	< 0.79	< 0.79	< 39.5
n-Butylbenzene/ppb	< 142	46 "J"	< 0.71	< 0.71	< 0.71	< 35.5
Carbon Tetrachloride/ppb	< 62	< 15.5	< 0.31	< 0.31	< 0.31	< 15.5
Chlorobenzene/ppb	< 52	< 13	< 0.26	< 0.26	< 0.26	< 13
Chloroethane/ppb	< 122	< 30.5	< 0.61	< 0.61	< 0.61	< 30.5
Chloroform/ppb	< 52	< 13	< 0.26	< 0.26	< 0.26	< 13
Chloromethane/ppb	< 108	< 27	< 0.54	< 0.54	< 0.54	< 27
2-Chlorotoluene/ppb	< 62	< 15.5	< 0.31	< 0.31	< 0.31	< 15.5
4-Chlorotoluene/ppb	< 52	< 13	< 0.26	< 0.26	< 0.26	< 13
1,2-Dibromo-3-chloropropane/ppb	< 592	< 148	< 2.96	< 2.96	< 2.96	< 148
Dibromochloromethane/ppb	< 44	< 11	< 0.22	< 0.22	< 0.22	< 11
1,4-Dichlorobenzene/ppb	< 140	< 35	< 0.7	< 0.7	< 0.7	< 35
1,3-Dichlorobenzene/ppb	< 170	< 42.5	< 0.85	< 0.85	< 0.85	< 42.5
1,2-Dichlorobenzene/ppb	< 172	< 43	< 0.86	< 0.86	< 0.86	< 43
Dichlorodifluoromethane/ppb	< 64	< 16	< 0.32	< 0.32	< 0.32	< 16
1,2-Dichloroethane/ppb	< 50	< 12.5	< 0.25	< 0.25	< 0.25	< 12.5
1,1-Dichloroethane/ppb	< 72	< 18	< 0.36	< 0.36	< 0.36	< 18
1,1-Dichloroethene/ppb	< 84	< 21	< 0.42	< 0.42	< 0.42	< 21
cis-1,2-Dichloroethene/ppb	< 74	< 18.5	< 0.37	< 0.37	< 0.37	< 18.5
trans-1,2-Dichloroethene/ppb	< 68	< 17	< 0.34	< 0.34	< 0.34	< 17
1,2-Dichloropropane/ppb	< 88	< 22	< 0.44	< 0.44	< 0.44	< 22
1,3-Dichloropropane/ppb	< 60	< 15	< 0.3	< 0.3	< 0.3	< 15
trans-1,3-Dichloropropene/ppm	< 64	< 16	< 0.32	< 0.32	< 0.32	< 16
cis-1,3-Dichloropropene/ppm	< 52	< 13	< 0.26	< 0.26	< 0.26	< 13
Di-isopropyl ether/ppb	< 42	< 10.5	< 0.21	< 0.21	< 0.21	< 10.5
EDB (1,2-Dibromoethane)/ppb	< 68	< 17	< 0.34	< 0.34	< 0.34	< 17
Ethylbenzene/ppb	4100	1710	< 0.26	< 0.26	< 0.26	1240
Hexachlorobutadiene/ppb	< 268	< 67	< 1.34	< 1.34	< 1.34	< 67
Isopropylbenzene/ppb	< 156	72 "J"	< 0.78	< 0.78	< 0.78	44 "J"
p-Isopropyltoluene/ppb	< 48	< 12	< 0.24	< 0.24	< 0.24	< 12
Methylene chloride/ppb	< 264	< 66	< 1.32	< 1.32	< 1.32	< 66
Methyl tert-butyl ether (MTBE)/ppb	< 56	< 14	< 0.28	< 0.28	< 0.28	< 14
Naphthalene/ppb	880 "J"	305 "J"	< 2.1	< 2.1	< 2.1	258 "J"
n-Propylbenzene/ppb	330 "J"	236	< 0.61	< 0.61	< 0.61	124
1,1,2,2-Tetrachloroethane/ppb	< 60	< 15	< 0.3	< 0.3	< 0.3	< 15
1,1,1,2-Tetrachloroethane/ppb	< 70	< 17.5	< 0.35	< 0.35	< 0.35	< 17.5
Tetrachloroethene (PCE)/ppb	< 76	< 19	< 0.38	< 0.38	< 0.38	< 19
Toluene/ppb	30600	4400	< 0.19	< 0.19	< 0.19	1730
1,2,4-Trichlorobenzene/ppb	< 230	< 57.5	< 1.15	< 1.15	< 1.15	< 57.5
1,2,3-Trichlorobenzene/ppb	< 342	< 85.5	< 1.71	< 1.71	< 1.71	< 85.5
1,1,1-Trichloroethane/ppb	< 66	< 16.5	< 0.33	< 0.33	< 0.33	< 16.5
1,1,2-Trichloroethane/ppb	< 84	< 21	< 0.42	< 0.42	< 0.42	< 21
Trichloroethene (TCE)/ppb	< 60	< 15	< 0.3	< 0.3	< 0.3	< 15
Trichlorofluoromethane/ppb	< 70	< 17.5	< 0.35	< 0.35	< 0.35	< 17.5
1,2,4-Trimethylbenzene/ppb	2530	1880	< 0.8	< 0.8	< 0.8	590
1,3,5-Trimethylbenzene/ppb	620	520	< 0.63	< 0.63	< 0.63	189
Vinyl Chloride/ppb	< 40	< 10	< 0.2	< 0.2	< 0.2	< 10
m&p-Xylene/ppb	13200	5700	< 0.43	< 0.43	< 0.43	2550
o-Xylene/ppb	5800	2150	< 0.29	< 0.29	< 0.29	1140

ENFORCEMENT STANDARD = ES – Bold	PREVENTIVE ACTION LIMIT = PAL – Italics
15	<i>1.5</i>
5	<i>0.5</i>
==	==
0.6	<i>0.06</i>
4.4	<i>0.44</i>
==	==
==	==
5	<i>0.5</i>
==	==
400	<i>80</i>
6	<i>0.6</i>
30	<i>3</i>
==	==
==	==
0.2	<i>0.02</i>
60	<i>6</i>
75	<i>15</i>
600	<i>120</i>
600	<i>60</i>
1000	<i>200</i>
5	<i>0.5</i>
850	<i>85</i>
7	<i>0.7</i>
70	<i>7</i>
100	<i>20</i>
5	<i>0.5</i>
==	==
0.4	<i>0.04</i>
==	==
0.05	<i>0.005</i>
700	<i>140</i>
==	==
==	==
5	<i>0.5</i>
60	<i>12</i>
100	<i>10</i>
==	==
0.2	<i>0.02</i>
70	<i>7</i>
5	<i>0.5</i>
800	<i>160</i>
70	<i>14</i>
==	==
200	<i>40</i>
5	<i>0.5</i>
5	<i>0.5</i>
==	==
Total TMB's 480	<i>Total TMB's 96</i>
0.2	<i>0.02</i>
Total Xylenes 2000	<i>Total Xylenes 400</i>

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.7 Other
Groundwater NA Indicator Results
A to Z Sales & Service – LGU BRRTS #03-59-190963

Well MW-1

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
01/30/18	0.33	6.60	-94.5	9.48	1469	<0.36	10.2	51.1	4790
05/01/18	0.66	6.77	-13	9.1	423.4	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-2

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
01/30/18	0.86	6.74	-102.5	9.41	1483	<0.36	4.26	26.6	2570
05/01/18	1.88	7.08	-41	9.1	732	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-3

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
01/30/18	1.12	7.08	46.3	9.40	1073	0.39	14.0	0.29	390
05/01/18	3.44	7.48	229	9.6	640	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-4

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
01/30/18	2.45	7.06	181.4	9.00	479	0.56	9.33	0.57	90.2
05/01/18	6.57	7.41	262	8.7	412.6	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).

A.7 Other
Groundwater NA Indicator Results
A to Z Sales & Service – LGU BRRTS #03-59-190963

Well MW-5

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
01/30/18	3.02	7.01	188.4	8.50	342	2.32	12.5	0.14	43
05/01/18	6.84	7.11	247	6.6	262.1	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)
01/30/18	3.65	6.78	-120.0	9.44	844	0.45	5.64	2.01	1480
05/01/18	1.59	7.22	21	9.9	482.5	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).

A.6 Water Level Elevations
A to Z Sales & Service – LGU BRRTS #03-59-190963
Bowler, Wisconsin

	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
Ground Surface (feet msl)	1077.95	1079.26	1080.47	1078.55	1076.12	1078.76
PVC top (feet msl)	1077.48	1078.86	1080.07	1078.08	1075.64	1078.23
Well Depth (feet)	17.00	19.00	19.00	17.00	16.00	19.00
Top of screen (feet msl)	1070.95	1070.26	1071.47	1071.55	1070.12	1069.76
Bottom of screen (feet msl)	1060.95	1060.26	1061.47	1061.55	1060.12	1059.76

Depth to Water From Top of PVC (feet)

01/30/18	12.31	13.82	15.32	12.96	10.58	13.69
05/01/18	12.73	12.79	14.32	11.85	9.65	12.78

Depth to Water From Ground Surface (feet)

01/30/18	12.78	14.22	15.72	13.43	11.06	14.22
05/01/18	13.20	13.19	14.72	12.32	10.13	13.31

Groundwater Elevation (feet msl)

01/30/18	1065.17	1065.04	1064.75	1065.12	1065.06	1064.54
05/01/18	1064.75	1066.07	1065.75	1066.23	1065.99	1065.45

CNL = Could Not Locate

A = Abandoned and removed during soil excavation project

NI = Not Installed

8.0 PHOTOS

**Site Investigation Report - METCO
A to Z Sales & Service**



Photo 1: Overview, looking south



Photo 2: Overview, looking northwest

**Site Investigation Report - METCO
A to Z Sales & Service**



Photo 3: Area of former AST's, looking south.

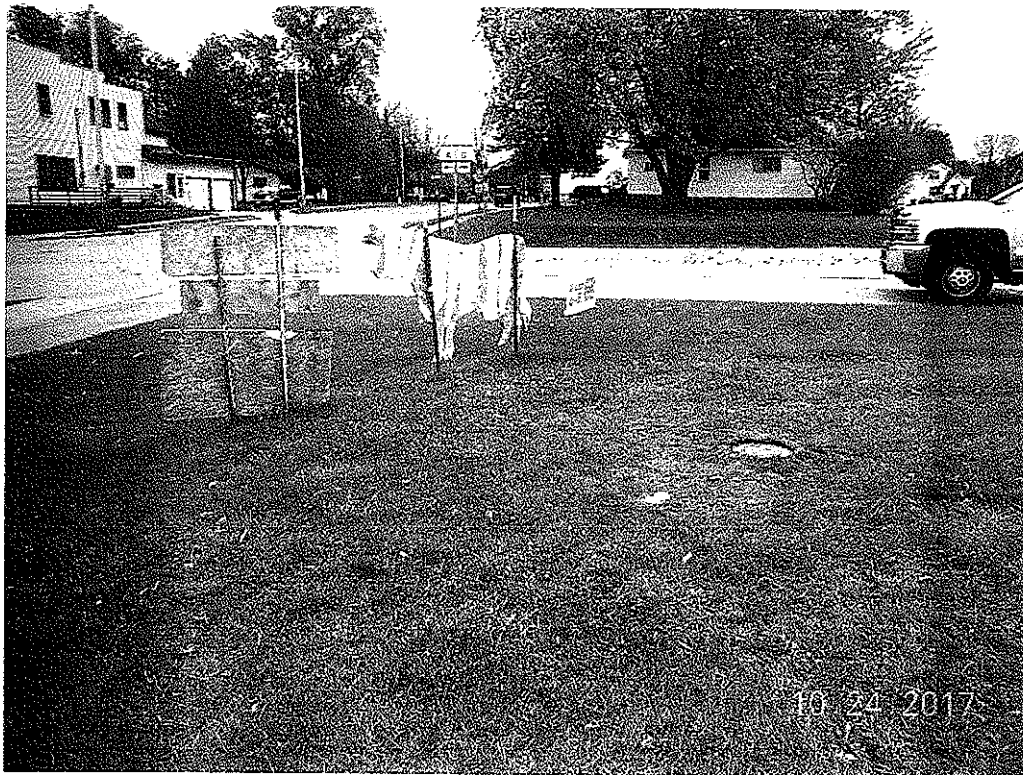


Photo 4: Area of former UST's and dispensers, looking east.

APPENDIX A/ METHODS OF INVESTIGATION

**Site Investigation Report - METCO
A to Z Sales & Service**

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 water-table interface. Disposable, flexible, 1/4 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 of Madison, Wisconsin, under the supervision of METCO personnel. Using a truck-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 in accordance with ASTM D 1586 "Penetration Tests and Split Barrel Sampling of Soils" using a 2-inch, outside-diameter (OD) 2.5-foot split spoon sampler. Using this procedure, a split spoon sampler is driven into the soil by a 140 pound weight falling 30 inches.

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 Rae Systems Mini RaeLite Photo-ionization Detector (PID) 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

Site Investigation Report - METCO A to Z Sales & Service

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 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 done by Soils & Engineering Services of Madison, WI.

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 D.

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.

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 Wastes

Wash water and all drill cuttings that were field screened as being impacted by petroleum products were placed in 55 gallon DOT barrels and sealed. The soil and water drums were disposed of at Advanced Disposal in Eau Claire, WI.

APPENDIX B/ ANALYTICAL METHODS & LABORATORY DATA REPORTS

Synergy Environmental Lab,

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

KERRY BREITICK
 VILLAGE OF BOWLER
 107 W MAIN STREET
 BOWLER, WI 54416

Report Date 07-Jul-17

Project Name A TO Z SALES & SERVICE

Invoice # E33137

Project #

Lab Code 5033137A

Sample ID G-1-1

Sample Matrix Soil

Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.0	%			1	5021		6/28/2017	TCC	1
Inorganic										
Metals										
Lead, Total	2.57	mg/Kg	0.17	0.58	1	6010B		6/28/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		6/29/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/29/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/29/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		6/29/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		6/29/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/29/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		6/29/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		6/29/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		6/29/2017	TCC	1

Project

Lab Code 5033137B
 Sample ID G-1-2
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.1	%			1	5021		6/28/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	0.088	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		6/30/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	0.299	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	0.111	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	0.36	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	0.179	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Lab Code 5033137C
 Sample ID G-1-3
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.0	%			1	5021		6/28/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	0.099	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	0.93	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Naphthalene	0.77	mg/kg	0.022	0.07	1	GRO95/8021		6/30/2017	TCC	1
Toluene	0.216	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	3.3	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	1.14	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	3.7	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	1.32	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Project #

Lab Code 5033137D
 Sample ID G-2-1
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.1	%			1	5021		6/28/2017	TCC	1
Inorganic										
Metals										
Lead, Total	3.21	mg/Kg	0.17	0.58	1	6010B		6/28/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	1.34	mg/kg	0.19	0.6	10	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	8.9	mg/kg	0.1	0.32	10	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.25	mg/kg	0.079	0.25	10	GRO95/8021		6/30/2017	TCC	1
Naphthalene	22	mg/kg	0.22	0.7	10	GRO95/8021		6/30/2017	TCC	1
Toluene	2.41	mg/kg	0.14	0.46	10	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	64	mg/kg	0.1	0.32	10	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	28.5	mg/kg	0.11	0.36	10	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	36	mg/kg	0.12	0.37	10	GRO95/8021		6/30/2017	TCC	1
o-Xylene	10.8	mg/kg	0.15	0.47	10	GRO95/8021		6/30/2017	TCC	1

Project

Lab Code 5033137E

Sample ID G-2-2

Sample Matrix Soil

Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	92.8	%			1	5021		6/28/2017	TCC	1
Organic										
VOC's										
Benzene	< 0.3	mg/kg	0.3	0.96	10	8260B		7/7/2017	CJR	1
Bromobenzene	< 0.25	mg/kg	0.25	0.81	10	8260B		7/7/2017	CJR	1
Bromodichloromethane	< 0.74	mg/kg	0.74	2.4	10	8260B		7/7/2017	CJR	1
Bromoform	< 0.29	mg/kg	0.29	0.92	10	8260B		7/7/2017	CJR	1
tert-Butylbenzene	< 0.26	mg/kg	0.26	0.84	10	8260B		7/7/2017	CJR	1
sec-Butylbenzene	0.58 "J"	mg/kg	0.33	1	10	8260B		7/7/2017	CJR	1
n-Butylbenzene	3.6	mg/kg	0.4	1.3	10	8260B		7/7/2017	CJR	1
Carbon Tetrachloride	< 0.16	mg/kg	0.16	0.53	10	8260B		7/7/2017	CJR	1
Chlorobenzene	< 0.13	mg/kg	0.13	0.4	10	8260B		7/7/2017	CJR	1
Chloroethane	< 0.91	mg/kg	0.91	2.9	10	8260B		7/7/2017	CJR	1
Chloroform	< 0.35	mg/kg	0.35	1.1	10	8260B		7/7/2017	CJR	1
Chloromethane	< 0.76	mg/kg	0.76	2.4	10	8260B		7/7/2017	CJR	1
2-Chlorotoluene	< 0.15	mg/kg	0.15	0.47	10	8260B		7/7/2017	CJR	1
4-Chlorotoluene	< 0.18	mg/kg	0.18	0.57	10	8260B		7/7/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 0.58	mg/kg	0.58	1.8	10	8260B		7/7/2017	CJR	1
Dibromochloromethane	< 0.25	mg/kg	0.25	0.79	10	8260B		7/7/2017	CJR	1
1,4-Dichlorobenzene	< 0.37	mg/kg	0.37	1.2	10	8260B		7/7/2017	CJR	1
1,3-Dichlorobenzene	< 0.37	mg/kg	0.37	1.2	10	8260B		7/7/2017	CJR	1
1,2-Dichlorobenzene	< 0.28	mg/kg	0.28	0.88	10	8260B		7/7/2017	CJR	1
Dichlorodifluoromethane	< 0.48	mg/kg	0.48	1.5	10	8260B		7/7/2017	CJR	1
1,2-Dichloroethane	< 0.38	mg/kg	0.38	1.2	10	8260B		7/7/2017	CJR	1
1,1-Dichloroethane	< 0.34	mg/kg	0.34	1.1	10	8260B		7/7/2017	CJR	1
1,1-Dichloroethene	< 0.22	mg/kg	0.22	0.69	10	8260B		7/7/2017	CJR	1
cis-1,2-Dichloroethene	< 0.32	mg/kg	0.32	1	10	8260B		7/7/2017	CJR	1
trans-1,2-Dichloroethene	< 0.28	mg/kg	0.28	0.9	10	8260B		7/7/2017	CJR	1
1,2-Dichloropropane	< 0.35	mg/kg	0.35	1.1	10	8260B		7/7/2017	CJR	1
1,3-Dichloropropane	< 0.25	mg/kg	0.25	0.79	10	8260B		7/7/2017	CJR	1
trans-1,3-Dichloropropene	< 0.22	mg/kg	0.22	0.68	10	8260B		7/7/2017	CJR	1
cis-1,3-Dichloropropene	< 0.39	mg/kg	0.39	1.2	10	8260B		7/7/2017	CJR	1
Di-isopropyl ether	< 0.1	mg/kg	0.1	0.32	10	8260B		7/7/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.23	mg/kg	0.23	0.72	10	8260B		7/7/2017	CJR	1
Ethylbenzene	7.5	mg/kg	0.35	1.1	10	8260B		7/7/2017	CJR	1
Hexachlorobutadiene	< 0.85	mg/kg	0.85	2.7	10	8260B		7/7/2017	CJR	1
Isopropylbenzene	0.92 "J"	mg/kg	0.34	1.1	10	8260B		7/7/2017	CJR	1
p-Isopropyltoluene	< 0.29	mg/kg	0.29	0.93	10	8260B		7/7/2017	CJR	1
Methylene chloride	< 1.5	mg/kg	1.5	4.6	10	8260B		7/7/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.5	mg/kg	0.5	1.6	10	8260B		7/7/2017	CJR	1
Naphthalene	5.4	mg/kg	0.94	3	10	8260B		7/7/2017	CJR	1
n-Propylbenzene	4.2	mg/kg	0.33	1	10	8260B		7/7/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.28	mg/kg	0.28	8.8	10	8260B		7/7/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.28	mg/kg	0.28	0.9	10	8260B		7/7/2017	CJR	1
Tetrachloroethene	< 0.32	mg/kg	0.32	1	10	8260B		7/7/2017	CJR	1
Toluene	5.0	mg/kg	0.32	1	10	8260B		7/7/2017	CJR	1
1,2,4-Trichlorobenzene	< 0.64	mg/kg	0.64	2	10	8260B		7/7/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.66	mg/kg	0.66	2.1	10	8260B		7/7/2017	CJR	1
1,1,1-Trichloroethane	< 0.3	mg/kg	0.3	9.6	10	8260B		7/7/2017	CJR	1

Project #

Lab Code 5033137E
 Sample ID G-2-2
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1,2-Trichloroethane	< 0.33	mg/kg	0.33	1.1	10	8260B		7/7/2017	CJR	1
Trichloroethene (TCE)	< 0.41	mg/kg	0.41	1.3	10	8260B		7/7/2017	CJR	1
Trichlorofluoromethane	< 0.41	mg/kg	0.41	1.3	10	8260B		7/7/2017	CJR	1
1,2,4-Trimethylbenzene	34	mg/kg	0.25	0.8	10	8260B		7/7/2017	CJR	1
1,3,5-Trimethylbenzene	9.9	mg/kg	0.32	1	10	8260B		7/7/2017	CJR	1
Vinyl Chloride	< 0.19	mg/kg	0.19	0.62	10	8260B		7/7/2017	CJR	1
m&p-Xylene	32	mg/kg	0.72	2.3	10	8260B		7/7/2017	CJR	1
o-Xylene	11.5	mg/kg	0.44	1.4	10	8260B		7/7/2017	CJR	1
SUR - Toluene-d8	95	Rec %			10	8260B		7/7/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	91	Rec %			10	8260B		7/7/2017	CJR	1
SUR - 4-Bromofluorobenzene	96	Rec %			10	8260B		7/7/2017	CJR	1
SUR - Dibromofluoromethane	99	Rec %			10	8260B		7/7/2017	CJR	1

Lab Code 5033137F
 Sample ID G-2-3
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	94.2	%			1	5021		6/28/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	0.043 "J"	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	1.27	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Naphthalene	1.37	mg/kg	0.022	0.07	1	GRO95/8021		6/30/2017	TCC	1
Toluene	0.69	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	6.4	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	2.09	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	5.3	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	2.13	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Project #

Lab Code 5033137G
 Sample ID G-3-1
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	90.3	%			1	5021		6/28/2017	TCC	1
Inorganic										
Metals										
Lead, Total	15.8	mg/Kg	0.17	0.58	1	6010B		6/28/2017	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 0.0151	mg/kg	0.0151	0.0481	1	M8270C	6/30/2017	6/30/2017	NJC	1
Acenaphthylene	< 0.0159	mg/kg	0.0159	0.0508	1	M8270C	6/30/2017	6/30/2017	NJC	1
Anthracene	< 0.0109	mg/kg	0.0109	0.0345	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(a)anthracene	< 0.0116	mg/kg	0.0116	0.037	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(a)pyrene	< 0.0113	mg/kg	0.0113	0.0359	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(b)fluoranthene	< 0.013	mg/kg	0.013	0.041	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(g,h,i)perylene	< 0.0114	mg/kg	0.0114	0.036	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(k)fluoranthene	< 0.0147	mg/kg	0.0147	0.0469	1	M8270C	6/30/2017	6/30/2017	NJC	1
Chrysene	< 0.0121	mg/kg	0.0121	0.0383	1	M8270C	6/30/2017	6/30/2017	NJC	1
Dibenzo(a,h)anthracene	< 0.0078	mg/kg	0.0078	0.0251	1	M8270C	6/30/2017	6/30/2017	NJC	1
Fluoranthene	< 0.0147	mg/kg	0.0147	0.0469	1	M8270C	6/30/2017	6/30/2017	NJC	1
Fluorene	< 0.0179	mg/kg	0.0179	0.057	1	M8270C	6/30/2017	6/30/2017	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.0114	mg/kg	0.0114	0.0362	1	M8270C	6/30/2017	6/30/2017	NJC	1
1-Methyl naphthalene	< 0.0203	mg/kg	0.0203	0.0645	1	M8270C	6/30/2017	6/30/2017	NJC	1
2-Methyl naphthalene	0.0247 "J"	mg/kg	0.0113	0.0358	1	M8270C	6/30/2017	6/30/2017	NJC	1
Naphthalene	0.0172 "J"	mg/kg	0.0153	0.0486	1	M8270C	6/30/2017	6/30/2017	NJC	1
Phenanthrene	< 0.0111	mg/kg	0.0111	0.0352	1	M8270C	6/30/2017	6/30/2017	NJC	1
Pyrene	< 0.0153	mg/kg	0.0153	0.0487	1	M8270C	6/30/2017	6/30/2017	NJC	1
PVOC										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	0.050	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Toluene	0.065	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	0.121	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	0.041	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	0.164	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	0.061	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Project

Lab Code 5033137H

Sample ID G-3-3

Sample Matrix Soil

Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	93.7	%			1	5021		6/28/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		6/30/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	0.040	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	0.050	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Lab Code 5033137I

Sample ID G-3-4

Sample Matrix Soil

Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	94.7	%			1	5021		6/28/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		6/30/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Project

Lab Code 5033137J
 Sample ID G-4-1
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.9	%			1	5021		6/28/2017	TCC	1
Inorganic										
Metals										
Lead, Total	121	mg/Kg	0.17	0.58	1	6010B		6/28/2017	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 0.0151	mg/kg	0.0151	0.0481	1	M8270C	6/30/2017	6/30/2017	NJC	1
Acenaphthylene	0.047 "J"	mg/kg	0.0159	0.0508	1	M8270C	6/30/2017	6/30/2017	NJC	1
Anthracene	0.059	mg/kg	0.0109	0.0345	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(a)anthracene	0.169	mg/kg	0.0116	0.037	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(a)pyrene	0.19	mg/kg	0.0113	0.0359	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(b)fluoranthene	0.254	mg/kg	0.013	0.041	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(g,h,i)perylene	0.95	mg/kg	0.0114	0.036	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(k)fluoranthene	0.083	mg/kg	0.0147	0.0469	1	M8270C	6/30/2017	6/30/2017	NJC	1
Chrysene	0.175	mg/kg	0.0121	0.0383	1	M8270C	6/30/2017	6/30/2017	NJC	1
Dibenzo(a,h)anthracene	0.059	mg/kg	0.0078	0.0251	1	M8270C	6/30/2017	6/30/2017	NJC	1
Fluoranthene	0.179	mg/kg	0.0147	0.0469	1	M8270C	6/30/2017	6/30/2017	NJC	1
Fluorene	< 0.0179	mg/kg	0.0179	0.057	1	M8270C	6/30/2017	6/30/2017	NJC	1
Indeno(1,2,3-cd)pyrene	0.189	mg/kg	0.0114	0.0362	1	M8270C	6/30/2017	6/30/2017	NJC	1
1-Methyl naphthalene	< 0.0203	mg/kg	0.0203	0.0645	1	M8270C	6/30/2017	6/30/2017	NJC	1
2-Methyl naphthalene	< 0.0113	mg/kg	0.0113	0.0358	1	M8270C	6/30/2017	6/30/2017	NJC	1
Naphthalene	< 0.0153	mg/kg	0.0153	0.0486	1	M8270C	6/30/2017	6/30/2017	NJC	1
Phenanthrene	0.039	mg/kg	0.0111	0.0352	1	M8270C	6/30/2017	6/30/2017	NJC	1
Pyrene	0.194	mg/kg	0.0153	0.0487	1	M8270C	6/30/2017	6/30/2017	NJC	1
PVOC										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Project #

Lab Code 5033137K
 Sample ID G-4-3
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	92.1	%			1	5021		6/28/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		6/30/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Lab Code 5033137L
 Sample ID G-4-4
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	93.7	%			1	5021		6/28/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		6/30/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Project

Lab Code 5033137M

Sample ID G-5-1

Sample Matrix Soil

Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.6	%			1	5021		6/28/2017	TCC	1
Inorganic										
Metals										
Lead, Total	4.39	mg/Kg	0.17	0.58	1	6010B		6/28/2017	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 0.0151	mg/kg	0.0151	0.0481	1	M8270C	6/30/2017	6/30/2017	NJC	1
Acenaphthylene	< 0.0159	mg/kg	0.0159	0.0508	1	M8270C	6/30/2017	6/30/2017	NJC	1
Anthracene	< 0.0109	mg/kg	0.0109	0.0345	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(a)anthracene	< 0.0116	mg/kg	0.0116	0.037	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(a)pyrene	< 0.0113	mg/kg	0.0113	0.0359	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(b)fluoranthene	< 0.013	mg/kg	0.013	0.041	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(g,h,i)perylene	< 0.0114	mg/kg	0.0114	0.036	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(k)fluoranthene	< 0.0147	mg/kg	0.0147	0.0469	1	M8270C	6/30/2017	6/30/2017	NJC	1
Chrysene	< 0.0121	mg/kg	0.0121	0.0383	1	M8270C	6/30/2017	6/30/2017	NJC	1
Dibenzo(a,h)anthracene	< 0.0078	mg/kg	0.0078	0.0251	1	M8270C	6/30/2017	6/30/2017	NJC	1
Fluoranthene	< 0.0147	mg/kg	0.0147	0.0469	1	M8270C	6/30/2017	6/30/2017	NJC	1
Fluorene	< 0.0179	mg/kg	0.0179	0.057	1	M8270C	6/30/2017	6/30/2017	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.0114	mg/kg	0.0114	0.0362	1	M8270C	6/30/2017	6/30/2017	NJC	1
1-Methyl naphthalene	< 0.0203	mg/kg	0.0203	0.0645	1	M8270C	6/30/2017	6/30/2017	NJC	1
2-Methyl naphthalene	< 0.0113	mg/kg	0.0113	0.0358	1	M8270C	6/30/2017	6/30/2017	NJC	1
Naphthalene	< 0.0153	mg/kg	0.0153	0.0486	1	M8270C	6/30/2017	6/30/2017	NJC	1
Phenanthrene	< 0.0111	mg/kg	0.0111	0.0352	1	M8270C	6/30/2017	6/30/2017	NJC	1
Pyrene	< 0.0153	mg/kg	0.0153	0.0487	1	M8270C	6/30/2017	6/30/2017	NJC	1
PVOC										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Project #

Lab Code 5033137N
 Sample ID G-5-3
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	94.8	%			1	5021		6/28/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		6/30/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Lab Code 5033137O
 Sample ID G-5-4
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	94.6	%			1	5021		6/28/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		6/30/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Project #

Lab Code 5033137P
 Sample ID G-6-1
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	93.3	%			1	5021		6/28/2017	TCC	1
Inorganic										
Metals										
Lead, Total	31.4	mg/Kg	0.17	0.58	1	6010B		6/28/2017	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 0.0151	mg/kg	0.0151	0.0481	1	M8270C	6/30/2017	6/30/2017	NJC	1
Acenaphthylene	< 0.0159	mg/kg	0.0159	0.0508	1	M8270C	6/30/2017	6/30/2017	NJC	1
Anthracene	< 0.0109	mg/kg	0.0109	0.0345	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(a)anthracene	< 0.0116	mg/kg	0.0116	0.037	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(a)pyrene	< 0.0113	mg/kg	0.0113	0.0359	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(b)fluoranthene	< 0.013	mg/kg	0.013	0.041	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(g,h,i)perylene	0.0145 "J"	mg/kg	0.0114	0.036	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(k)fluoranthene	< 0.0147	mg/kg	0.0147	0.0469	1	M8270C	6/30/2017	6/30/2017	NJC	1
Chrysene	< 0.0121	mg/kg	0.0121	0.0383	1	M8270C	6/30/2017	6/30/2017	NJC	1
Dibenzo(a,h)anthracene	< 0.0078	mg/kg	0.0078	0.0251	1	M8270C	6/30/2017	6/30/2017	NJC	1
Fluoranthene	< 0.0147	mg/kg	0.0147	0.0469	1	M8270C	6/30/2017	6/30/2017	NJC	1
Fluorene	< 0.0179	mg/kg	0.0179	0.057	1	M8270C	6/30/2017	6/30/2017	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.0114	mg/kg	0.0114	0.0362	1	M8270C	6/30/2017	6/30/2017	NJC	1
1-Methyl naphthalene	< 0.0203	mg/kg	0.0203	0.0645	1	M8270C	6/30/2017	6/30/2017	NJC	1
2-Methyl naphthalene	< 0.0113	mg/kg	0.0113	0.0358	1	M8270C	6/30/2017	6/30/2017	NJC	1
Naphthalene	< 0.0153	mg/kg	0.0153	0.0486	1	M8270C	6/30/2017	6/30/2017	NJC	1
Phenanthrene	< 0.0111	mg/kg	0.0111	0.0352	1	M8270C	6/30/2017	6/30/2017	NJC	1
Pyrene	< 0.0153	mg/kg	0.0153	0.0487	1	M8270C	6/30/2017	6/30/2017	NJC	1
PVOC										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Project

Lab Code 5033137Q

Sample ID G-6-3

Sample Matrix Soil

Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	98.3	%			1	5021		6/28/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		6/30/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Project #

Lab Code 5033137R
 Sample ID G-7-1
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	97.2	%			1	5021		6/28/2017	TCC	1
Inorganic										
Metals										
Lead, Total	1.67	mg/Kg	0.34	1.16	2	6010B		6/28/2017	CWT	1.49
Organic										
PAH SIM										
Acenaphthene	< 0.0151	mg/kg	0.0151	0.0481	1	M8270C	6/30/2017	6/30/2017	NJC	1
Acenaphthylene	< 0.0159	mg/kg	0.0159	0.0508	1	M8270C	6/30/2017	6/30/2017	NJC	1
Anthracene	< 0.0109	mg/kg	0.0109	0.0345	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(a)anthracene	< 0.0116	mg/kg	0.0116	0.037	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(a)pyrene	< 0.0113	mg/kg	0.0113	0.0359	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(b)fluoranthene	< 0.013	mg/kg	0.013	0.041	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(g,h,i)perylene	< 0.0114	mg/kg	0.0114	0.036	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(k)fluoranthene	< 0.0147	mg/kg	0.0147	0.0469	1	M8270C	6/30/2017	6/30/2017	NJC	1
Chrysene	< 0.0121	mg/kg	0.0121	0.0383	1	M8270C	6/30/2017	6/30/2017	NJC	1
Dibenzo(a,h)anthracene	< 0.0078	mg/kg	0.0078	0.0251	1	M8270C	6/30/2017	6/30/2017	NJC	1
Fluoranthene	< 0.0147	mg/kg	0.0147	0.0469	1	M8270C	6/30/2017	6/30/2017	NJC	1
Fluorene	< 0.0179	mg/kg	0.0179	0.057	1	M8270C	6/30/2017	6/30/2017	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.0114	mg/kg	0.0114	0.0362	1	M8270C	6/30/2017	6/30/2017	NJC	1
1-Methyl naphthalene	< 0.0203	mg/kg	0.0203	0.0645	1	M8270C	6/30/2017	6/30/2017	NJC	1
2-Methyl naphthalene	< 0.0113	mg/kg	0.0113	0.0358	1	M8270C	6/30/2017	6/30/2017	NJC	1
Naphthalene	< 0.0153	mg/kg	0.0153	0.0486	1	M8270C	6/30/2017	6/30/2017	NJC	1
Phenanthrene	< 0.0111	mg/kg	0.0111	0.0352	1	M8270C	6/30/2017	6/30/2017	NJC	1
Pyrene	< 0.0153	mg/kg	0.0153	0.0487	1	M8270C	6/30/2017	6/30/2017	NJC	1
PVOC										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Project #

Lab Code 5033137S
 Sample ID G-7-3
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	97.4	%			1	5021		6/28/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		6/30/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Lab Code 5033137T
 Sample ID G-7-4
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	96.0	%			1	5021		6/28/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		6/30/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Project #

Lab Code 5033137U
 Sample ID G-8-1
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	91.5	%			1	5021		6/28/2017	TCC	1
Inorganic										
Metals										
Lead, Total	4.24	mg/Kg	0.17	0.58	1	6010B		6/28/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		6/30/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Lab Code 5033137V
 Sample ID G-8-2
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	89.5	%			1	5021		6/28/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		6/30/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Project #

Lab Code 5033137W
 Sample ID G-8-3
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	98.7	%			1	5021		6/28/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		6/30/2017	TCC	1
Toluene	0.0255 "J"	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	0.038	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	0.063	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Lab Code 5033137X
 Sample ID G-9-1
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	91.7	%			1	5021		6/28/2017	TCC	1
Inorganic										
Metals										
Lead, Total	3.95	mg/Kg	0.17	0.58	1	6010B		6/28/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		6/30/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Project #

Lab Code 5033137Y
 Sample ID G-9-2
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	91.6	%			1	5021		6/28/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		6/30/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Lab Code 5033137Z
 Sample ID G-9-3
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	96.6	%			1	5021		6/28/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Naphthalene	0.106	mg/kg	0.022	0.07	1	GRO95/8021		6/30/2017	TCC	1
Toluene	0.033 "J"	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	0.133	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	0.042	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	0.113	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	0.050	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Project #

Lab Code 5137AAAA
 Sample ID G-17-W
 Sample Matrix Water
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		6/29/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		6/29/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		6/29/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		6/29/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		6/29/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		6/29/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B		6/29/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B		6/29/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B		6/29/2017	CJR	1

Lab Code 5137BBBB
 Sample ID G-18-W
 Sample Matrix Water
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	3500	ug/l	8.5	27.5	50	8260B		6/29/2017	CJR	1
Ethylbenzene	4800	ug/l	10	31.5	50	8260B		6/29/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 41	ug/l	41	130	50	8260B		6/29/2017	CJR	1
Naphthalene	660	ug/l	108.5	345	50	8260B		6/29/2017	CJR	1
Toluene	22300	ug/l	335	1065	500	8260B		6/30/2017	CJR	1
1,2,4-Trimethylbenzene	3600	ug/l	57	181.5	50	8260B		6/29/2017	CJR	1
1,3,5-Trimethylbenzene	960	ug/l	45.5	145	50	8260B		6/29/2017	CJR	1
m&p-Xylene	13500	ug/l	78	247.5	50	8260B		6/29/2017	CJR	1
o-Xylene	6100	ug/l	19.5	62.5	50	8260B		6/29/2017	CJR	1

Lab Code 5137CCCC
 Sample ID G-19-W
 Sample Matrix Water
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	3200	ug/l	34	110	200	8260B		6/30/2017	CJR	1
Ethylbenzene	4400	ug/l	40	126	200	8260B		6/30/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 164	ug/l	164	520	200	8260B		6/30/2017	CJR	1
Naphthalene	580 "J"	ug/l	434	1380	200	8260B		6/30/2017	CJR	1
Toluene	25500	ug/l	134	426	200	8260B		6/30/2017	CJR	1
1,2,4-Trimethylbenzene	2840	ug/l	228	726	200	8260B		6/30/2017	CJR	1
1,3,5-Trimethylbenzene	730	ug/l	182	580	200	8260B		6/30/2017	CJR	1
m&p-Xylene	13300	ug/l	312	990	200	8260B		6/30/2017	CJR	1
o-Xylene	5800	ug/l	78	250	200	8260B		6/30/2017	CJR	1

Project #

Lab Code 5137DDDD
 Sample ID G-20-W
 Sample Matrix Water
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	3700	ug/l	85	275	500	8260B		6/30/2017	CJR	1
Ethylbenzene	4800	ug/l	100	315	500	8260B		6/30/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 410	ug/l	410	1300	500	8260B		6/30/2017	CJR	1
Naphthalene	< 1085	ug/l	1085	3450	500	8260B		6/30/2017	CJR	1
Toluene	37000	ug/l	335	1065	500	8260B		6/30/2017	CJR	1
1,2,4-Trimethylbenzene	2850	ug/l	570	1815	500	8260B		6/30/2017	CJR	1
1,3,5-Trimethylbenzene	740 "J"	ug/l	455	1450	500	8260B		6/30/2017	CJR	1
m&p-Xylene	15200	ug/l	780	2475	500	8260B		6/30/2017	CJR	1
o-Xylene	6700	ug/l	195	625	500	8260B		6/30/2017	CJR	1

Lab Code 5137EEEE
 Sample ID TB
 Sample Matrix Water
 Sample Date

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		6/29/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		6/29/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		6/29/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		6/29/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		6/29/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		6/29/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B		6/29/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B		6/29/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B		6/29/2017	CJR	1

Lab Code 53137AAA
 Sample ID G-18-3
 Sample Matrix Soil
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	97.6	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/3/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/3/2017	TCC	1
Naphthalene	0.063 "J"	mg/kg	0.022	0.07	1	GRO95/8021		7/3/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/3/2017	TCC	1
1,2,4-Trimethylbenzene	0.107	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
1,3,5-Trimethylbenzene	0.035 "J"	mg/kg	0.011	0.036	1	GRO95/8021		7/3/2017	TCC	1
m&p-Xylene	0.106	mg/kg	0.012	0.037	1	GRO95/8021		7/3/2017	TCC	1
o-Xylene	0.040 "J"	mg/kg	0.015	0.047	1	GRO95/8021		7/3/2017	TCC	1

Project #

Lab Code 53137BBB
 Sample ID G-19-1
 Sample Matrix Soil
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.4	%			1	5021		6/29/2017	TCC	1
Inorganic										
Metals										
Lead, Total	2.69	mg/Kg	0.17	0.58	1	6010B		6/28/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/3/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/3/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/3/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/3/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/3/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/3/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/3/2017	TCC	1

Lab Code 53137CCC
 Sample ID G-19-2
 Sample Matrix Soil
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.3	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	4.3	mg/kg	0.19	0.6	10	GRO95/8021		7/3/2017	TCC	1
Ethylbenzene	8.8	mg/kg	0.1	0.32	10	GRO95/8021		7/3/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.25	mg/kg	0.079	0.25	10	GRO95/8021		7/3/2017	TCC	1
Naphthalene	21.2	mg/kg	0.22	0.7	10	GRO95/8021		7/3/2017	TCC	1
Toluene	1.46	mg/kg	0.14	0.46	10	GRO95/8021		7/3/2017	TCC	1
1,2,4-Trimethylbenzene	21.2	mg/kg	0.1	0.32	10	GRO95/8021		7/3/2017	TCC	1
1,3,5-Trimethylbenzene	8.8	mg/kg	0.11	0.36	10	GRO95/8021		7/3/2017	TCC	1
m&p-Xylene	17.4	mg/kg	0.12	0.37	10	GRO95/8021		7/3/2017	TCC	1
o-Xylene	5.5	mg/kg	0.15	0.47	10	GRO95/8021		7/3/2017	TCC	1

Project #

Lab Code 53137DDD
 Sample ID G-19-3
 Sample Matrix Soil
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	90.7	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	0.029 "J"	mg/kg	0.019	0.06	1	GRO95/8021		7/3/2017	TCC	1
Ethylbenzene	0.128	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/3/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/3/2017	TCC	1
Toluene	0.034 "J"	mg/kg	0.014	0.046	1	GRO95/8021		7/3/2017	TCC	1
1,2,4-Trimethylbenzene	0.243	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
1,3,5-Trimethylbenzene	0.087	mg/kg	0.011	0.036	1	GRO95/8021		7/3/2017	TCC	1
m&p-Xylene	0.44	mg/kg	0.012	0.037	1	GRO95/8021		7/3/2017	TCC	1
o-Xylene	0.169	mg/kg	0.015	0.047	1	GRO95/8021		7/3/2017	TCC	1

Lab Code 53137EEE
 Sample ID G-20-1
 Sample Matrix Soil
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	91.0	%			1	5021		6/29/2017	TCC	1
Inorganic										
Metals										
Lead, Total	31.0	mg/Kg	0.17	0.58	1	6010B		6/28/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/3/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/3/2017	TCC	1
Naphthalene	0.072	mg/kg	0.022	0.07	1	GRO95/8021		7/3/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/3/2017	TCC	1
1,2,4-Trimethylbenzene	0.146	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
1,3,5-Trimethylbenzene	0.14	mg/kg	0.011	0.036	1	GRO95/8021		7/3/2017	TCC	1
m&p-Xylene	0.065	mg/kg	0.012	0.037	1	GRO95/8021		7/3/2017	TCC	1
o-Xylene	0.040 "J"	mg/kg	0.015	0.047	1	GRO95/8021		7/3/2017	TCC	1

Project #

Lab Code 53137FFF
 Sample ID G-20-2
 Sample Matrix Soil
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	91.5	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	0.36 "J"	mg/kg	0.19	0.6	10	GRO95/8021		7/4/2017	TCC	1
Ethylbenzene	7.4	mg/kg	0.1	0.32	10	GRO95/8021		7/4/2017	TCC	1
Methyl tert-butyl ether (MTBE)	<0.25	mg/kg	0.079	0.25	10	GRO95/8021		7/4/2017	TCC	1
Naphthalene	16.6	mg/kg	0.22	0.7	10	GRO95/8021		7/4/2017	TCC	1
Toluene	2.28	mg/kg	0.14	0.46	10	GRO95/8021		7/4/2017	TCC	1
1,2,4-Trimethylbenzene	83	mg/kg	0.1	0.32	10	GRO95/8021		7/4/2017	TCC	1
1,3,5-Trimethylbenzene	29.4	mg/kg	0.11	0.36	10	GRO95/8021		7/4/2017	TCC	1
m&p-Xylene	44	mg/kg	0.12	0.37	10	GRO95/8021		7/4/2017	TCC	1
o-Xylene	18.9	mg/kg	0.15	0.47	10	GRO95/8021		7/4/2017	TCC	1

Lab Code 53137GGG
 Sample ID G-20-3
 Sample Matrix Soil
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	98.1	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	<0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/3/2017	TCC	1
Ethylbenzene	0.45	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
Methyl tert-butyl ether (MTBE)	<0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/3/2017	TCC	1
Naphthalene	0.63	mg/kg	0.022	0.07	1	GRO95/8021		7/3/2017	TCC	1
Toluene	0.285	mg/kg	0.014	0.046	1	GRO95/8021		7/3/2017	TCC	1
1,2,4-Trimethylbenzene	2.53	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
1,3,5-Trimethylbenzene	0.81	mg/kg	0.011	0.036	1	GRO95/8021		7/3/2017	TCC	1
m&p-Xylene	1.83	mg/kg	0.012	0.037	1	GRO95/8021		7/3/2017	TCC	1
o-Xylene	0.84	mg/kg	0.015	0.047	1	GRO95/8021		7/3/2017	TCC	1

Project #

Lab Code 53137HHH
 Sample ID G-21-1
 Sample Matrix Soil
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.0	%			1	5021		6/29/2017	TCC	1
Inorganic										
Metals										
Lead, Total	3.19	mg/kg	0.17	0.58	1	6010B		6/28/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/5/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/5/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/5/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/5/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/5/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/5/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/5/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/5/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/5/2017	TCC	1

Lab Code 53137III
 Sample ID G-21-2
 Sample Matrix Soil
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.7	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/3/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/3/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/3/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/3/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/3/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/3/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/3/2017	TCC	1

Project #

Lab Code 53137JJJ
 Sample ID G-21-3
 Sample Matrix Soil
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	96.0	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/3/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/3/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/3/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/3/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/3/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/3/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/3/2017	TCC	1

Lab Code 53137KKK
 Sample ID MEOH BLANK
 Sample Matrix Soil
 Sample Date 6/20/2017

	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		7/3/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/3/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/3/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/3/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/3/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/3/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/3/2017	TCC	1

Lab Code 53137LLL
 Sample ID G-1-W
 Sample Matrix Water
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	1210	ug/l	8.5	27.5	50	8260B		6/29/2017	CJR	1
Ethylbenzene	4300	ug/l	10	31.5	50	8260B		6/29/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 41	ug/l	41	130	50	8260B		6/29/2017	CJR	1
Naphthalene	1430	ug/l	108.5	345	50	8260B		6/29/2017	CJR	1
Toluene	9800	ug/l	33.5	106.5	50	8260B		6/29/2017	CJR	1
1,2,4-Trimethylbenzene	4200	ug/l	57	181.5	50	8260B		6/29/2017	CJR	1
1,3,5-Trimethylbenzene	1150	ug/l	45.5	145	50	8260B		6/29/2017	CJR	1
m&p-Xylene	13400	ug/l	78	247.5	50	8260B		6/29/2017	CJR	1
o-Xylene	5900	ug/l	19.5	62.5	50	8260B		6/29/2017	CJR	1

Project #

Lab Code 53137MMM
 Sample ID G-2-W
 Sample Matrix Water
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	1800	ug/l	8.5	27.5	50	8260B		6/29/2017	CJR	1
Ethylbenzene	5500	ug/l	10	31.5	50	8260B		6/29/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 41	ug/l	41	130	50	8260B		6/29/2017	CJR	1
Naphthalene	790	ug/l	108.5	345	50	8260B		6/29/2017	CJR	1
Toluene	31500	ug/l	335	1065	500	8260B		6/30/2017	CJR	1
1,2,4-Trimethylbenzene	3400	ug/l	57	181.5	50	8260B		6/29/2017	CJR	1
1,3,5-Trimethylbenzene	860	ug/l	45.5	145	50	8260B		6/29/2017	CJR	1
m&p-Xylene	15500	ug/l	78	247.5	50	8260B		6/29/2017	CJR	1
o-Xylene	7300	ug/l	19.5	62.5	50	8260B		6/29/2017	CJR	1

Lab Code 53137NNN
 Sample ID G-3-W
 Sample Matrix Water
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	650	ug/l	8.5	27.5	50	8260B		6/30/2017	CJR	1
Ethylbenzene	830	ug/l	10	31.5	50	8260B		6/30/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 41	ug/l	41	130	50	8260B		6/30/2017	CJR	1
Naphthalene	158 "J"	ug/l	108.5	345	50	8260B		6/30/2017	CJR	1
Toluene	3600	ug/l	33.5	106.5	50	8260B		6/30/2017	CJR	1
1,2,4-Trimethylbenzene	780	ug/l	57	181.5	50	8260B		6/30/2017	CJR	1
1,3,5-Trimethylbenzene	212	ug/l	45.5	145	50	8260B		6/30/2017	CJR	1
m&p-Xylene	2920	ug/l	78	247.5	50	8260B		6/30/2017	CJR	1
o-Xylene	1010	ug/l	19.5	62.5	50	8260B		6/30/2017	CJR	1

Lab Code 53137OOO
 Sample ID G-4-W
 Sample Matrix Water
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	15.3	ug/l	0.17	0.55	1	8260B		6/29/2017	CJR	1
Ethylbenzene	15.6	ug/l	0.2	0.63	1	8260B		6/29/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		6/29/2017	CJR	1
Naphthalene	5.9 "J"	ug/l	2.17	6.9	1	8260B		6/29/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		6/29/2017	CJR	1
1,2,4-Trimethylbenzene	5.0	ug/l	1.14	3.63	1	8260B		6/29/2017	CJR	1
1,3,5-Trimethylbenzene	2.3 "J"	ug/l	0.91	2.9	1	8260B		6/29/2017	CJR	1
m&p-Xylene	12.8	ug/l	1.56	4.95	1	8260B		6/29/2017	CJR	1
o-Xylene	3.2	ug/l	0.39	1.25	1	8260B		6/29/2017	CJR	1

Project #

Lab Code 53137PPP
 Sample ID G-5-W
 Sample Matrix Water
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		6/29/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		6/29/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		6/29/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		6/29/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		6/29/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		6/29/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B		6/29/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B		6/29/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B		6/29/2017	CJR	1

Lab Code 53137QQQ
 Sample ID G-7-W
 Sample Matrix Water
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	104	ug/l	8.5	27.5	50	8260B		6/30/2017	CJR	1
Ethylbenzene	1180	ug/l	10	31.5	50	8260B		6/30/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 41	ug/l	41	130	50	8260B		6/30/2017	CJR	1
Naphthalene	251 "J"	ug/l	108.5	345	50	8260B		6/30/2017	CJR	1
Toluene	1660	ug/l	33.5	106.5	50	8260B		6/30/2017	CJR	1
1,2,4-Trimethylbenzene	1280	ug/l	57	181.5	50	8260B		6/30/2017	CJR	1
1,3,5-Trimethylbenzene	340	ug/l	45.5	145	50	8260B		6/30/2017	CJR	1
m&p-Xylene	4200	ug/l	78	247.5	50	8260B		6/30/2017	CJR	1
o-Xylene	1480	ug/l	19.5	62.5	50	8260B		6/30/2017	CJR	1

Lab Code 53137RRR
 Sample ID G-8-W
 Sample Matrix Water
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	45	ug/l	8.5	27.5	50	8260B		6/30/2017	CJR	1
Ethylbenzene	1040	ug/l	10	31.5	50	8260B		6/30/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 41	ug/l	41	130	50	8260B		6/30/2017	CJR	1
Naphthalene	400	ug/l	108.5	345	50	8260B		6/30/2017	CJR	1
Toluene	1270	ug/l	33.5	106.5	50	8260B		6/30/2017	CJR	1
1,2,4-Trimethylbenzene	2370	ug/l	57	181.5	50	8260B		6/30/2017	CJR	1
1,3,5-Trimethylbenzene	650	ug/l	45.5	145	50	8260B		6/30/2017	CJR	1
m&p-Xylene	3900	ug/l	78	247.5	50	8260B		6/30/2017	CJR	1
o-Xylene	1680	ug/l	19.5	62.5	50	8260B		6/30/2017	CJR	1

Project #

Lab Code 53137SSS
 Sample ID G-9-W
 Sample Matrix Water
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	2960	ug/l	17	55	100	8260B	6/29/2017	6/29/2017	CJR	1
Ethylbenzene	5900	ug/l	20	63	100	8260B	6/29/2017	6/29/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 82	ug/l	82	260	100	8260B	6/29/2017	6/29/2017	CJR	1
Naphthalene	1000	ug/l	217	690	100	8260B	6/29/2017	6/29/2017	CJR	1
Toluene	24500	ug/l	335	1065	500	8260B	6/30/2017	6/30/2017	CJR	1
1,2,4-Trimethylbenzene	4100	ug/l	114	363	100	8260B	6/29/2017	6/29/2017	CJR	1
1,3,5-Trimethylbenzene	1080	ug/l	91	290	100	8260B	6/29/2017	6/29/2017	CJR	1
m&p-Xylene	16800	ug/l	156	495	100	8260B	6/29/2017	6/29/2017	CJR	1
o-Xylene	7600	ug/l	39	125	100	8260B	6/29/2017	6/29/2017	CJR	1

Lab Code 53137TTT
 Sample ID G-10-W
 Sample Matrix Water
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	15.5 "J"	ug/l	8.5	27.5	50	8260B	6/29/2017	6/29/2017	CJR	1
Ethylbenzene	2170	ug/l	10	31.5	50	8260B	6/29/2017	6/29/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 41	ug/l	41	130	50	8260B	6/29/2017	6/29/2017	CJR	1
Naphthalene	380	ug/l	108.5	345	50	8260B	6/29/2017	6/29/2017	CJR	1
Toluene	2370	ug/l	33.5	106.5	50	8260B	6/29/2017	6/29/2017	CJR	1
1,2,4-Trimethylbenzene	2620	ug/l	57	181.5	50	8260B	6/29/2017	6/29/2017	CJR	1
1,3,5-Trimethylbenzene	750	ug/l	45.5	145	50	8260B	6/29/2017	6/29/2017	CJR	1
m&p-Xylene	5900	ug/l	78	247.5	50	8260B	6/29/2017	6/29/2017	CJR	1
o-Xylene	2410	ug/l	19.5	62.5	50	8260B	6/29/2017	6/29/2017	CJR	1

Lab Code 53137UUU
 Sample ID G-11-W
 Sample Matrix Water
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	320	ug/l	17	55	100	8260B	6/29/2017	6/29/2017	CJR	1
Ethylbenzene	1260	ug/l	20	63	100	8260B	6/29/2017	6/29/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 82	ug/l	82	260	100	8260B	6/29/2017	6/29/2017	CJR	1
Naphthalene	510 "J"	ug/l	217	690	100	8260B	6/29/2017	6/29/2017	CJR	1
Toluene	6300	ug/l	67	213	100	8260B	6/29/2017	6/29/2017	CJR	1
1,2,4-Trimethylbenzene	4900	ug/l	114	363	100	8260B	6/29/2017	6/29/2017	CJR	1
1,3,5-Trimethylbenzene	1540	ug/l	91	290	100	8260B	6/29/2017	6/29/2017	CJR	1
m&p-Xylene	13600	ug/l	156	495	100	8260B	6/29/2017	6/29/2017	CJR	1
o-Xylene	6700	ug/l	39	125	100	8260B	6/29/2017	6/29/2017	CJR	1

Project #

Lab Code 53137VVV
 Sample ID G-12-W
 Sample Matrix Water
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	10.8	ug/l	0.17	0.55	1	8260B		6/30/2017	CJR	1
Ethylbenzene	16.9	ug/l	0.2	0.63	1	8260B		6/30/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		6/30/2017	CJR	1
Naphthalene	25.2	ug/l	2.17	6.9	1	8260B		6/30/2017	CJR	1
Toluene	7.4	ug/l	0.67	2.13	1	8260B		6/30/2017	CJR	1
1,2,4-Trimethylbenzene	84	ug/l	1.14	3.63	1	8260B		6/30/2017	CJR	1
1,3,5-Trimethylbenzene	19.6	ug/l	0.91	2.9	1	8260B		6/30/2017	CJR	1
m&p-Xylene	60	ug/l	1.56	4.95	1	8260B		6/30/2017	CJR	1
o-Xylene	34	ug/l	0.39	1.25	1	8260B		6/30/2017	CJR	1

Lab Code 53137WWW
 Sample ID G-13-W
 Sample Matrix Water
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		6/30/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		6/30/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		6/30/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		6/30/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		6/30/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		6/30/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B		6/30/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B		6/30/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B		6/30/2017	CJR	1

Lab Code 53137XXX
 Sample ID G-14-W
 Sample Matrix Water
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		6/29/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		6/29/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		6/29/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		6/29/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		6/29/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		6/29/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B		6/29/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B		6/29/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B		6/29/2017	CJR	1

Project #

Lab Code 53137YYY
 Sample ID G-15-W
 Sample Matrix Water
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	0.29 "J"	ug/l	0.17	0.55	1	8260B		6/29/2017	CJR	1
Ethylbenzene	9.6	ug/l	0.2	0.63	1	8260B		6/29/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		6/29/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		6/29/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		6/29/2017	CJR	1
1,2,4-Trimethylbenzene	17.5	ug/l	1.14	3.63	1	8260B		6/29/2017	CJR	1
1,3,5-Trimethylbenzene	4.9	ug/l	0.91	2.9	1	8260B		6/29/2017	CJR	1
m&p-Xylene	30.7	ug/l	1.56	4.95	1	8260B		6/29/2017	CJR	1
o-Xylene	16.9	ug/l	0.39	1.25	1	8260B		6/29/2017	CJR	1

Lab Code 53137ZZZ
 Sample ID G-16-W
 Sample Matrix Water
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		6/29/2017	CJR	1
Ethylbenzene	1.19	ug/l	0.2	0.63	1	8260B		6/29/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		6/29/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		6/29/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		6/29/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		6/29/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B		6/29/2017	CJR	1
m&p-Xylene	3.8 "J"	ug/l	1.56	4.95	1	8260B		6/29/2017	CJR	1
o-Xylene	1.22 "J"	ug/l	0.39	1.25	1	8260B		6/29/2017	CJR	1

Project #

Lab Code 533137AA
 Sample ID G-10-1
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	93.6	%			1	5021		6/28/2017	TCC	1
Inorganic										
Metals										
Lead, Total	4.12	mg/Kg	0.17	0.58	1	6010B		6/28/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		6/30/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		6/30/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		6/30/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		6/30/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		6/30/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		6/30/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		6/30/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		6/30/2017	TCC	1

Lab Code 533137BB
 Sample ID G-10-2
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	96.3	%			1	5021		6/28/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/1/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/1/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/1/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/1/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/1/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/1/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/1/2017	TCC	1

Project #

Lab Code 533137CC
 Sample ID G-10-3
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	96.6	%			1	5021		6/28/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/1/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/1/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/1/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/1/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/1/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/1/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/1/2017	TCC	1

Lab Code 533137DD
 Sample ID G-11-1
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	97.7	%			1	5021		6/28/2017	TCC	1
Inorganic										
Metals										
Lead, Total	34.6	mg/kg	0.17	0.58	1	6010B		6/28/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/1/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/1/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/1/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/1/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/1/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/1/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/1/2017	TCC	1

Project #

Lab Code 533137EE
 Sample ID G-11-2
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	89.0	%			1	5021		6/28/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/1/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/1/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/1/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/1/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/1/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/1/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/1/2017	TCC	1

Lab Code 533137FF
 Sample ID G-11-3
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.8	%			1	5021		6/28/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/1/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/1/2017	TCC	1
Naphthalene	0.060 "J"	mg/kg	0.022	0.07	1	GRO95/8021		7/1/2017	TCC	1
Toluene	0.0272 "J"	mg/kg	0.014	0.046	1	GRO95/8021		7/1/2017	TCC	1
1,2,4-Trimethylbenzene	0.40	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
1,3,5-Trimethylbenzene	0.187	mg/kg	0.011	0.036	1	GRO95/8021		7/1/2017	TCC	1
m&p-Xylene	0.40	mg/kg	0.012	0.037	1	GRO95/8021		7/1/2017	TCC	1
o-Xylene	0.214	mg/kg	0.015	0.047	1	GRO95/8021		7/1/2017	TCC	1

Project #

Lab Code 533137GG
 Sample ID G-12-1
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	89.9	%			1	5021		6/29/2017	TCC	1
Inorganic										
Metals										
Lead, Total	32.3	mg/kg	0.17	0.58	1	6010B		6/28/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/1/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/1/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/1/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/1/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/1/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/1/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/1/2017	TCC	1

Lab Code 533137HH
 Sample ID G-12-2
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	98.7	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/1/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/1/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/1/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/1/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/1/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/1/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/1/2017	TCC	1

Project #

Lab Code 533137II
 Sample ID G-12-3
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	94.7	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/1/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/1/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/1/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/1/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/1/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/1/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/1/2017	TCC	1

Project #

Lab Code 533137JJ
 Sample ID G-13-1
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	89.4	%			1	5021		6/29/2017	TCC	1
Inorganic										
Metals										
Lead, Total	3.13	mg/Kg	0.17	0.58	1	6010B		6/28/2017	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 0.0151	mg/kg	0.0151	0.0481	1	M8270C	6/30/2017	6/30/2017	NJC	1
Acenaphthylene	< 0.0159	mg/kg	0.0159	0.0508	1	M8270C	6/30/2017	6/30/2017	NJC	1
Anthracene	< 0.0109	mg/kg	0.0109	0.0345	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(a)anthracene	< 0.0116	mg/kg	0.0116	0.037	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(a)pyrene	< 0.0113	mg/kg	0.0113	0.0359	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(b)fluoranthene	< 0.013	mg/kg	0.013	0.041	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(g,h,i)perylene	< 0.0114	mg/kg	0.0114	0.036	1	M8270C	6/30/2017	6/30/2017	NJC	1
Benzo(k)fluoranthene	< 0.0147	mg/kg	0.0147	0.0469	1	M8270C	6/30/2017	6/30/2017	NJC	1
Chrysene	< 0.0121	mg/kg	0.0121	0.0383	1	M8270C	6/30/2017	6/30/2017	NJC	1
Dibenzo(a,h)anthracene	< 0.0078	mg/kg	0.0078	0.0251	1	M8270C	6/30/2017	6/30/2017	NJC	1
Fluoranthene	< 0.0147	mg/kg	0.0147	0.0469	1	M8270C	6/30/2017	6/30/2017	NJC	1
Fluorene	< 0.0179	mg/kg	0.0179	0.057	1	M8270C	6/30/2017	6/30/2017	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.0114	mg/kg	0.0114	0.0362	1	M8270C	6/30/2017	6/30/2017	NJC	1
1-Methyl naphthalene	< 0.0203	mg/kg	0.0203	0.0645	1	M8270C	6/30/2017	6/30/2017	NJC	1
2-Methyl naphthalene	< 0.0113	mg/kg	0.0113	0.0358	1	M8270C	6/30/2017	6/30/2017	NJC	1
Naphthalene	< 0.0153	mg/kg	0.0153	0.0486	1	M8270C	6/30/2017	6/30/2017	NJC	1
Phenanthrene	< 0.0111	mg/kg	0.0111	0.0352	1	M8270C	6/30/2017	6/30/2017	NJC	1
Pyrene	< 0.0153	mg/kg	0.0153	0.0487	1	M8270C	6/30/2017	6/30/2017	NJC	1
PVOC										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/1/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/1/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/1/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/1/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/1/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/1/2017	TCC	1

Project #

Lab Code 533137KK
 Sample ID G-13-3
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	97.7	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/1/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/1/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/1/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/1/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/1/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/1/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/1/2017	TCC	1

Lab Code 533137LL
 Sample ID G-13-4
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.3	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/1/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/1/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/1/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/1/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/1/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/1/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/1/2017	TCC	1

Project #

Lab Code 533137MM
 Sample ID G-14-1
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	89.7	%			1	5021		6/29/2017	TCC	1
Inorganic										
Metals										
Lead, Total	4.18	mg/Kg	0.17	0.58	1	6010B		6/28/2017	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 0.0151	mg/kg	0.0151	0.0481	1	M8270C	6/30/2017	7/1/2017	NJC	1
Acenaphthylene	< 0.0159	mg/kg	0.0159	0.0508	1	M8270C	6/30/2017	7/1/2017	NJC	1
Anthracene	< 0.0109	mg/kg	0.0109	0.0345	1	M8270C	6/30/2017	7/1/2017	NJC	1
Benzo(a)anthracene	< 0.0116	mg/kg	0.0116	0.037	1	M8270C	6/30/2017	7/1/2017	NJC	1
Benzo(a)pyrene	< 0.0113	mg/kg	0.0113	0.0359	1	M8270C	6/30/2017	7/1/2017	NJC	1
Benzo(b)fluoranthene	< 0.013	mg/kg	0.013	0.041	1	M8270C	6/30/2017	7/1/2017	NJC	1
Benzo(g,h,i)perylene	< 0.0114	mg/kg	0.0114	0.036	1	M8270C	6/30/2017	7/1/2017	NJC	1
Benzo(k)fluoranthene	< 0.0147	mg/kg	0.0147	0.0469	1	M8270C	6/30/2017	7/1/2017	NJC	1
Chrysene	< 0.0121	mg/kg	0.0121	0.0383	1	M8270C	6/30/2017	7/1/2017	NJC	1
Dibenzo(a,h)anthracene	< 0.0078	mg/kg	0.0078	0.0251	1	M8270C	6/30/2017	7/1/2017	NJC	1
Fluoranthene	< 0.0147	mg/kg	0.0147	0.0469	1	M8270C	6/30/2017	7/1/2017	NJC	1
Fluorene	< 0.0179	mg/kg	0.0179	0.057	1	M8270C	6/30/2017	7/1/2017	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.0114	mg/kg	0.0114	0.0362	1	M8270C	6/30/2017	7/1/2017	NJC	1
1-Methyl naphthalene	< 0.0203	mg/kg	0.0203	0.0645	1	M8270C	6/30/2017	7/1/2017	NJC	1
2-Methyl naphthalene	< 0.0113	mg/kg	0.0113	0.0358	1	M8270C	6/30/2017	7/1/2017	NJC	1
Naphthalene	< 0.0153	mg/kg	0.0153	0.0486	1	M8270C	6/30/2017	7/1/2017	NJC	1
Phenanthrene	< 0.0111	mg/kg	0.0111	0.0352	1	M8270C	6/30/2017	7/1/2017	NJC	1
Pyrene	< 0.0153	mg/kg	0.0153	0.0487	1	M8270C	6/30/2017	7/1/2017	NJC	1
PVOC										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/1/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/1/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/1/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/1/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/1/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/1/2017	TCC	1

Project #

Lab Code 533137NN
 Sample ID G-14-3
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	95.7	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/1/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/1/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/1/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/1/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/1/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/1/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/1/2017	TCC	1

Lab Code 53313700
 Sample ID G-14-4
 Sample Matrix Soil
 Sample Date 6/19/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.1	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/1/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/1/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/1/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/1/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/1/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/1/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/1/2017	TCC	1

Project #

Lab Code 533137PP
 Sample ID G-15-1
 Sample Matrix Soil
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	93.9	%			1	5021		6/29/2017	TCC	1
Inorganic										
Metals										
Lead, Total	2.35	mg/Kg	0.17	0.58	1	6010B		6/28/2017	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 0.0151	mg/kg	0.0151	0.0481	1	M8270C	6/30/2017	7/1/2017	NJC	1
Acenaphthylene	< 0.0159	mg/kg	0.0159	0.0508	1	M8270C	6/30/2017	7/1/2017	NJC	1
Anthracene	< 0.0109	mg/kg	0.0109	0.0345	1	M8270C	6/30/2017	7/1/2017	NJC	1
Benzo(a)anthracene	< 0.0116	mg/kg	0.0116	0.037	1	M8270C	6/30/2017	7/1/2017	NJC	1
Benzo(a)pyrene	< 0.0113	mg/kg	0.0113	0.0359	1	M8270C	6/30/2017	7/1/2017	NJC	1
Benzo(b)fluoranthene	< 0.013	mg/kg	0.013	0.041	1	M8270C	6/30/2017	7/1/2017	NJC	1
Benzo(g,h,i)perylene	< 0.0114	mg/kg	0.0114	0.036	1	M8270C	6/30/2017	7/1/2017	NJC	1
Benzo(k)fluoranthene	< 0.0147	mg/kg	0.0147	0.0469	1	M8270C	6/30/2017	7/1/2017	NJC	1
Chrysene	< 0.0121	mg/kg	0.0121	0.0383	1	M8270C	6/30/2017	7/1/2017	NJC	1
Dibenzo(a,h)anthracene	< 0.0078	mg/kg	0.0078	0.0251	1	M8270C	6/30/2017	7/1/2017	NJC	1
Fluoranthene	< 0.0147	mg/kg	0.0147	0.0469	1	M8270C	6/30/2017	7/1/2017	NJC	1
Fluorene	< 0.0179	mg/kg	0.0179	0.057	1	M8270C	6/30/2017	7/1/2017	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.0114	mg/kg	0.0114	0.0362	1	M8270C	6/30/2017	7/1/2017	NJC	1
1-Methyl naphthalene	< 0.0203	mg/kg	0.0203	0.0645	1	M8270C	6/30/2017	7/1/2017	NJC	1
2-Methyl naphthalene	< 0.0113	mg/kg	0.0113	0.0358	1	M8270C	6/30/2017	7/1/2017	NJC	1
Naphthalene	< 0.0153	mg/kg	0.0153	0.0486	1	M8270C	6/30/2017	7/1/2017	NJC	1
Phenanthrene	< 0.0111	mg/kg	0.0111	0.0352	1	M8270C	6/30/2017	7/1/2017	NJC	1
Pyrene	< 0.0153	mg/kg	0.0153	0.0487	1	M8270C	6/30/2017	7/1/2017	NJC	1
PVOC										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/1/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/1/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/1/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/1/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/1/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/1/2017	TCC	1

Project #

Lab Code 533137QQ
 Sample ID G-15-3
 Sample Matrix Soil
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.5	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/1/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/1/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/1/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/1/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/1/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/1/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/1/2017	TCC	1

Lab Code 533137RR
 Sample ID G-15-4
 Sample Matrix Soil
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	92.1	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/1/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/1/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/1/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/1/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/1/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/1/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/1/2017	TCC	1

Project #

Lab Code 533137SS
 Sample ID G-16-1
 Sample Matrix Soil
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	92.7	%			1	5021		6/29/2017	TCC	1
Inorganic										
Metals										
Lead, Total	1.76	mg/Kg	0.17	0.58	1	6010B		6/28/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/1/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/1/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/1/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/1/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/1/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/1/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/1/2017	TCC	1

Lab Code 533137TT
 Sample ID G-16-2
 Sample Matrix Soil
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	94.3	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/1/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/1/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/1/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/1/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/1/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/1/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/1/2017	TCC	1

Project

Lab Code 533137UU
 Sample ID G-16-3
 Sample Matrix Soil
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.4	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/1/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/1/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/1/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/1/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/1/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/1/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/1/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/1/2017	TCC	1

Lab Code 533137VV
 Sample ID G-17-1
 Sample Matrix Soil
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	89.9	%			1	5021		6/29/2017	TCC	1
Inorganic										
Metals										
Lead, Total	4.23	mg/Kg	0.17	0.58	1	6010B		6/28/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/3/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/3/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/3/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/3/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/3/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/3/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/3/2017	TCC	1

Project #

Lab Code 533137WW
 Sample ID G-17-2
 Sample Matrix Soil
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.6	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/3/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/3/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/3/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/3/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/3/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/3/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/3/2017	TCC	1

Lab Code 533137XX
 Sample ID G-17-3
 Sample Matrix Soil
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.7	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/3/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/3/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/3/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/3/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/3/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/3/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/3/2017	TCC	1

Project #

Lab Code 533137YY
 Sample ID G-18-1
 Sample Matrix Soil
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	95.5	%			1	5021		6/29/2017	TCC	1
Inorganic										
Metals										
Lead, Total	1.75	mg/Kg	0.17	0.58	1	6010B		6/28/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/3/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/3/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/3/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/3/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/3/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/3/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/3/2017	TCC	1

Lab Code 533137ZZ
 Sample ID G-18-2
 Sample Matrix Soil
 Sample Date 6/20/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	93.6	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/3/2017	TCC	1
Ethylbenzene	0.077	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/3/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/3/2017	TCC	1
Toluene	0.0256 "J"	mg/kg	0.014	0.046	1	GRO95/8021		7/3/2017	TCC	1
1,2,4-Trimethylbenzene	0.172	mg/kg	0.01	0.032	1	GRO95/8021		7/3/2017	TCC	1
1,3,5-Trimethylbenzene	0.064	mg/kg	0.011	0.036	1	GRO95/8021		7/3/2017	TCC	1
m&p-Xylene	0.265	mg/kg	0.012	0.037	1	GRO95/8021		7/3/2017	TCC	1
o-Xylene	0.098	mg/kg	0.015	0.047	1	GRO95/8021		7/3/2017	TCC	1

Project Name A TO Z SALES & SERVICE
Project #

Invoice # E33137

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code *Comment*

1	Laboratory QC within limits.
49	Sample diluted to compensate for matrix interference. 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

Account No.: _____ Quote No.: _____
Project #: _____
Sampler: (signature) *Michelle C. Miller*

Project (Name / Location): *A to Z Sales + Service / Bowler, WI*

Reports To: *Kerry Breitick* Invoice To: *Kerry Breitick (Village of Bowler)*

Company: *Village of Bowler* Company: *do METCO*

Address: *107 W Main St* Address: *709 Gillette St, Ste 3*

City State Zip: *Bowler, WI 54416* City State Zip: *La Crosse, WI 54603*

Phone: *(715) 793-4910* 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 824.2)	VOC (EPA 8260)	8-PCRA METALS	PID/FID
		<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>							

Lab ID	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
<i>G-1-1</i>	<i>G-1-1</i>	<i>6/19/99</i>	<i>9:25</i>		<i>K</i>	<i>N</i>	<i>2</i>	<i>S</i>	<i>MeOH/None</i>
<i>G-1-2</i>	<i>G-1-2</i>		<i>9:30</i>				<i>1</i>		<i>MeOH</i>
<i>G-1-3</i>	<i>G-1-3</i>		<i>9:35</i>				<i>1</i>		
<i>G-2-1</i>	<i>G-2-1</i>		<i>9:57</i>				<i>2</i>		<i>None</i>
<i>G-2-2</i>	<i>G-2-2</i>		<i>10:00</i>				<i>1</i>		
<i>G-2-3</i>	<i>G-2-3</i>		<i>10:05</i>				<i>1</i>		
<i>G-3-1</i>	<i>G-3-1</i>		<i>10:15</i>				<i>3</i>		<i>None</i>
<i>G-3-3</i>	<i>G-3-3</i>		<i>10:54</i>				<i>1</i>		
<i>G-3-4</i>	<i>G-3-4</i>		<i>10:40</i>				<i>1</i>		
<i>G-4-1</i>	<i>G-4-1</i>		<i>10:57</i>				<i>3</i>		<i>None</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 Jason P. / METCO (Invoice to METCO)

UAC Rates Apply
Asent Status

Relinquished By: (sign) *Michelle C. Miller* Time *9:30* Date *6/21/99*

Received By: (sign) _____ Time _____ Date _____

Received in Laboratory By: *[Signature]* Time *8:00* Date *6/22/99*

Sample integrity: (To be completed by receiving lab)

Method of Shipping: _____

Temp. of Temp. Blank: _____

Coastal area impact (applicable to _____): Yes No

CHAIN OF STUDY RECORD



Environmental Lab, Inc.

Chain # No 3429

Page 2 of 9

Account No.:	Quote No.:
Project #:	
Sampler: (signature) <i>Mark C. [Signature]</i>	

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): <i>A to Z Sales & Service / Appleton, WI</i>		Analysis Requested										Other Analysis				
Reports To:	Invoice To:	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVC (EPA 8021)	PVC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-PCRA METALS	PID/ FID
Company	Company															
Address	Address															
City State Zip	City State Zip															
Phone	Phone															
FAX	FAX															

Lab ID	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	PVC (EPA 8021)	PVC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-PCRA METALS	PID/ FID	
S055137	G-4-3		11:00		X	N	1	S	Meat										X						
	G-4-4		11:05				1												X						
	G-5-1		11:25				3		None			X		X					X						
	G-5-3		11:35				1												X						
	G-5-4		11:40				1												X						
	G-6-1		11:50				3		None			X		X					X						
	G-6-3		12:00				1												X						
	G-7-1		12:10				3		None			X		X					X						
	G-7-3		12:30				1												X						
	G-7-4		12:35				1												X						

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

See Page 1

Sample Integrity: To be completed by receiving lab Method of Shipment: <input checked="" type="checkbox"/> Temp. of Temp. Bank: <input checked="" type="checkbox"/> Cold Seal/Recap upon receipt: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	<i>Mark C. [Signature]</i>	9:30	6/21/17			
	Received in Laboratory By: <i>[Signature]</i>				Time: 8:00	Date: 6/22/17

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) <i>[Signature]</i>	

Project (Name / Location): *Ato 2 Sales + Service / Boulder, WI*

Reports To: _____ Invoice To: _____

Company: _____ Company: _____

Address: *See Page 1* Address: _____

City State Zip: _____ City State Zip: *See Page 1*

Phone: _____ Phone: _____

FAX: _____ FAX: _____

Analysis Requested **Other Analysis**

Lab ID	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 824-2)	VOC (EPA 8260)	8-PCRA METALS	PID/ FID	
G-8-1	G-8-1	6/19	12:35		A	N	2	S	None			X													
G-8-2	G-8-2		12:45				1		None																
G-8-3	G-8-3		12:50				1																		
G-9-1	G-9-1		1:40				2		None			X													
G-9-2	G-9-2		1:45				1																		
G-9-3	G-9-3		1:50				1																		
G-10-1	G-10-1		2:00				2		None			X													
G-10-2	G-10-2		2:05				1																		
G-10-3	G-10-3		2:10				1																		
G-11-1	G-11-1		2:25				2		None			X													

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

See Page 1

Sample Integrity: To be completed by receiving lab	Retinquished By: (sign) <i>[Signature]</i>	Time	Date	Received By: (sign)	Time	Date
	<i>[Signature]</i>	9:30	6/21/12			
	Temp: Temp Blank: G-Outline: Yes					
Seal: Seal Intact: Seal Date: Yes/No	Received In Laboratory By: <i>[Signature]</i>	Time: 8:00	Date: 6/22/12			

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) <i>Nathan C. Middlebrooks</i>	

Project (Name / Location): <i>A to Z Sales & Service / Dowler, WI</i>		Analysis Requested										Other Analysis			
Reports To:	Invoice To:														
Company:	Company:														
Address:	Address:														
City State Zip:	City State Zip:														
Phone:	Phone:														
FAX:	FAX:														

Lab ID	Sample I.D.	Collection		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	PVCOC (EPA 8021)	PVCOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 824-2)	VOC (EPA 8260)	8-PCRA METALS	PID/ FID	
		Date	Time																						
6-11-2	G-11-2	6/19	2:50		X	N	1	S	MeOH																
6-11-3	G-11-3		2:35				1																		
6-12-1	G-12-1		2:50				2		None			X													
6-12-2	G-12-2		2:00				1																		
6-12-3	G-12-3		3:05				1																		
6-13-1	G-13-1		3:15				3		None		X			X											
6-13-3	G-13-3		3:20				1																		
6-13-4	G-13-4		3:25				1																		
6-14-1	G-14-1		3:55				3		None		X			X											
6-14-3	G-14-3		4:00				1																		

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

See Page 2

Sample integrity to be completed by receiving lab: Method of shipment: _____ Taped or Taped, Blank: _____ Cooler seal intact upon receipt: Yes/No	Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	<i>Nathan C. Middlebrooks</i>	9:30	6/21/17			
	Received In Laboratory By:				Time	Date
	<i>[Signature]</i>				8:00	6/22/17

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

Account No.: _____ Quote No.: _____
Project #: _____
Sampler: (signature) *Michelle C. Middle*

Project (Name / Location): *A to Z Sales & Service / Boulder, WI*

Reports To: _____ Invoice To: _____
Company: _____ Company: _____
Address: *See Page 1* Address: *See Page 1*
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 824-2)	VOC (EPA 8260)	8-RCRA METALS	PID/ FID					
		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
SS31300	G-14-4	6/19	4:10		X	N	1	S	MeOH
PP	G-15-1	6/20	7:00				3		None
GRO	G-15-3		7:05				1		
PP	G-15-4		7:10				1		
SS	G-16-1		7:20				2		None
PP	G-16-2		7:25				1		
PP	G-16-3		7:30				1		
PP	G-17-1		7:30				2		None
PP	G-17-2		7:55				1		
PP	G-17-3		8:00				1		

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

See Page 1

Sample integrity - to be completed by receiving lab

Relinquished By: (sign) *Michelle C. Middle* Time: 9:30 Date: 6/21/17

Received By: (sign) _____ Time: 8:00 Date: 6/22/17

Received in Laboratory By: *Chris* Time: _____ Date: _____

CHAIN OF STUDY RECORD

Synergy

Environmental Lab, Inc.

Chain # No 3481

Page 6 of 9

Account No.:	Quote No.:
Project #:	
Sampler: (signature) <i>Michelle C. [Signature]</i>	

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)
<input checked="" type="checkbox"/> Normal Turn Around

Project (Name / Location): <i>Ato2 Sales & Service / Dowler, WI</i>		Analysis Requested										Other Analysis				
Reports To:	Invoice To:	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 524.2)	VOC (EPA 8260)	8-PCRA METALS	PID/ FID
Company	Company															
Address	Address															
City State Zip	City State Zip															
Phone	Phone															
FAX	FAX															

Lab ID	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 524.2)	VOC (EPA 8260)	8-PCRA METALS	PID/ FID	
53313	G-18-1	6/20	8:25		X	N	2	S	MeOH/more			X						X							
	G-18-2		8:30						MeOH									X							
	G-18-3		8:35				1											X							
	G-19-1		8:45				2		None			X						X							
	G-19-2		8:50				1											X							
	G-19-3		8:55				1											X							
	G-20-1		9:10				2		None			X						X							
	G-20-2		9:15				1											X							
	G-20-3		9:20				1											X							
	G-21-1		9:35				2		None			X						X							

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

See Page 1

Sample Integrity: To be completed by receiving lab	Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	<i>Michelle C. [Signature]</i>	9:20	6/21/17			
Mailroom Shipment: <input type="checkbox"/>						
Tamp on Temp Blank: <input type="checkbox"/> On leaf <input checked="" type="checkbox"/>						
Cooler seal intact on receipt: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
Received in Laboratory By: <i>[Signature]</i>	Time: 8:00	Date: 6/24/17				

CHAIN OF STUDY RECORD

Synergy

Environmental Lab, Inc.

Chain # N^o 34

Page 7 of 9

Account No.:	Quote No.:
Project #:	
Sampler: (signature) <i>Mark C. Miller</i>	

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)
<input checked="" type="checkbox"/> Normal Turn Around

Project (Name / Location): <i>Asp 2 Sales & Service / Dondar, WI</i>	
Reports To:	Invoice To:
Company:	Company:
Address:	Address:
City State Zip: <i>See Page 1</i>	City State Zip: <i>See Page 1</i>
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 524.2)	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
<i>S231111</i>	<i>G-21-2</i>	<i>6/20</i>	<i>9:40</i>		<i>X</i>	<i>N</i>	<i>1</i>	<i>S</i>	<i>MeOH</i>
<i>S231111</i>	<i>G-21-3</i>		<i>9:45</i>		<i>X</i>	<i>N</i>	<i>1</i>	<i>S</i>	<i>MeOH</i>
<i>S231111</i>	<i>MeOH Blank</i>						<i>1</i>		

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

See Page 1

Sample Integrity: to be completed by receiving lab

Method Statement:

Temp. of Temp. Blank: On/Off

Container Seal Intact upon receipt: Yes No

Relinquished By: (sign) <i>Mark C. Miller</i>	Time: <i>9:30</i>	Date: <i>6/21/17</i>	Received By: (sign) _____	Time: _____	Date: _____
Received In Laboratory By: <i>Chris P. [Signature]</i>	Time: <i>8:00</i>	Date: <i>6/22/17</i>			

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

Account No.:
Quote No.:
Project #:
Sampler: (signature) *[Signature]*

Project (Name / Location): *A to Z Sales + Service / Bowler, WI*

Reports To: *Kerry Breitich* Invoice To: *Kerry Breitich (Village of Bowler)*

Company: *Village of Bowler* Company: *clo MBTCO*

Address: *107 W Main St* Address: *709 Gillette St, Ste 3*

City State Zip: *Bowler, WI 54416* City State Zip: *La Crosse, WI 54603*

Phone: *(715) 793-4910* 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 524.2)	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	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 524.2)	VOC (EPA 8260)	8-PCRA METALS	PID/ FID	
5317	G-1-w	6/19	9:45		X	N	3	GW	HCL																
MM	G-2-w		10:10																						
MM	G-3-w		10:50																						
200	G-4-w		11:10																						
PP	G-5-w		11:45																						
6150	G-7-w		12:30																						
521	G-8-w		1:00																						
555	G-9-w		1:55																						
101	G-10-w		2:15																						
101	G-11-w		2:40																						

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 Jason P. (MBTCO) (Invoice to MBTCO)

UPL Rates

Agent Status

Sample Integrity: (to be completed by receiving lab)

Method of Shipment: Ice Dry

Temp of Temp. Blank: On Ice Blank

Order seal intact upon receipt: Yes No

Relinquished By: (sign) *[Signature]* Time: *9:30* Date: *6/21/17*

Received By: (sign) *[Signature]* Time: *2:00* Date: *6/24/17*

CHAIN OF STUDY RECORD

Synergy

Environmental Lab, Inc.

Chain # No 34

Page 9 of 9

Lab ID:
 Account No.: Quote No.:
 Project #:
 Sampler: (signature) *[Signature]*

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): *A to Z Sales & Service / Boulder, WI*

Reports To:	Invoice To:
Company:	Company:
Address: <i>See page 1</i>	Address: <i>See page 1</i>
City State Zip:	City State Zip:
Phone:	Phone:
FAX:	FAX:

Lab ID	Sample I.D.	Collection		Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	Analysis Requested											Other Analysis							
		Date	Time							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 524.2)	VOC (EPA 8260)	8-PCRA METALS	PID/ FID				
533	G-12-W	6/19	3:10		X	N	3	GW	HCL																			
533	G-13-W		3:35																									
533	G-14-W		4:15																									
533	G-15-W	6/20	7:15																									
533	G-16-W		7:40																									
533	G-17-W		8:05																									
533	G-18-W		8:40																									
533	G-19-W		9:00																									
533	G-20-W		9:35																									
533	TB																											

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

See page 1

Sample integrity: To be completed by receiving lab Method of shipment: _____ Type of Temp Blank: <input checked="" type="checkbox"/> C/DH <input type="checkbox"/> CB Color seal intact upon receipt: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Retinquished By: (sign) <i>[Signature]</i>	Time: 7:30	Date: 6/21/11	Received By: (sign) _____	Time: _____	Date: _____
	Received in Laboratory By: <i>[Signature]</i>	Time: 8:00	Date: 6/22/11			

Synergy Environmental Lab,

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

KERRY BREITICK
VILLAGE OF BOWLER
107 W MAIN STREET
BOWLER, WI 54416

Report Date 07-Nov-17

Project Name A TO Z AUTO SALES
Project #

Invoice # E33804

Lab Code 5033804A
Sample ID METH BLANK
Sample Matrix Soil
Sample Date 10/24/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
GRO/PVOC + Naphthalene										
Gasoline Range Organics	< 10	mg/kg	1.07	3.41	1	GRO95/8021		11/6/2017	TCC	1
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		11/6/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		11/6/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		11/6/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		11/6/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		11/6/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		11/6/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		11/6/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		11/6/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		11/6/2017	TCC	1

Project #

Lab Code 5033804B
 Sample ID MW-1-1
 Sample Matrix Soil
 Sample Date 10/24/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.3	%			1	5021		10/27/2017	NJC	1
Organic										
GRO/PVOC + Naphthalene										
Gasoline Range Organics	4600	mg/kg	107	341	100	GRO95/8021		11/7/2017	TCC	1
Benzene	12.3	mg/kg	1.9	6	100	GRO95/8021		11/7/2017	TCC	1
Ethylbenzene	72	mg/kg	1	3.2	100	GRO95/8021		11/7/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 2.5	mg/kg	0.79	2.5	100	GRO95/8021		11/7/2017	TCC	1
Naphthalene	40	mg/kg	2.2	7	100	GRO95/8021		11/7/2017	TCC	1
Toluene	48	mg/kg	1.4	4.6	100	GRO95/8021		11/7/2017	TCC	1
1,2,4-Trimethylbenzene	299	mg/kg	1	3.2	100	GRO95/8021		11/7/2017	TCC	1
1,3,5-Trimethylbenzene	118	mg/kg	1.1	3.6	100	GRO95/8021		11/7/2017	TCC	1
m&p-Xylene	271	mg/kg	1.2	3.7	100	GRO95/8021		11/7/2017	TCC	1
o-Xylene	88	mg/kg	1.5	4.7	100	GRO95/8021		11/7/2017	TCC	1

Lab Code 5033804C
 Sample ID MW-1-3
 Sample Matrix Soil
 Sample Date 10/24/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code	
General											
General											
Solids Percent	88.8	%			1	5021		10/27/2017	NJC	1	
Inorganic											
Metals											
TCLP Lead	< 0.1	mg/l			0.1	1	6010B		11/3/2017	ESC	1
Organic											
GRO/PVOC + Naphthalene											
Gasoline Range Organics	12100	mg/kg	53.5	170.5	50	GRO95/8021		11/7/2017	TCC	1	
Benzene	65	mg/kg	0.95	3	50	GRO95/8021		11/7/2017	TCC	1	
Ethylbenzene	370	mg/kg	0.5	1.6	50	GRO95/8021		11/7/2017	TCC	1	
Methyl tert-butyl ether (MTBE)	< 1.25	mg/kg	0.395	1.25	50	GRO95/8021		11/7/2017	TCC	1	
Naphthalene	114	mg/kg	1.1	3.5	50	GRO95/8021		11/7/2017	TCC	1	
Toluene	620	mg/kg	0.7	2.3	50	GRO95/8021		11/7/2017	TCC	1	
1,2,4-Trimethylbenzene	740	mg/kg	0.5	1.6	50	GRO95/8021		11/7/2017	TCC	1	
1,3,5-Trimethylbenzene	254	mg/kg	0.55	1.8	50	GRO95/8021		11/7/2017	TCC	1	
m&p-Xylene	1200	mg/kg	0.6	1.85	50	GRO95/8021		11/7/2017	TCC	1	
o-Xylene	470	mg/kg	0.75	2.35	50	GRO95/8021		11/7/2017	TCC	1	
TCLP											
TCLP Benzene	< 0.05	mg/l	0.05		1	8260B		11/3/2017	ESC	1	

Project Name A TO Z AUTO SALES
Project #

Invoice # E33804

"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

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

Account No.: _____ Quote No.: _____
Project #: _____
Sampler: (signature) *[Signature]*

Project (Name / Location): *A to Z Auto Sales & Service*

Reports To: *Kerry Breitick* Invoice To: *Kerry Breitick*

Company: *Village of Bowler* Company: *c/o METCO*

Address: *107 W Main Street* Address: *709 Gilette St, Ste 3*

City State Zip: *Bowler, WI 54416* City State Zip: *La Crosse, WI 54603*

Phone: *(715) 793-4910* Phone: *(608) 781-8879*

FAX: _____ FAX: _____

Analysis Requested

Other Analysis

Lab ID	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	PVCOC (EPA 8021)	PVCOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-RCRA METALS	TCLP-Lead		TCLP-Hexachloro	PID/FID	
<i>S02807A</i>	<i>Meth Blank</i>	<i>10/24</i>					<i>1</i>		<i>MEOH</i>		<input checked="" type="checkbox"/>																	
<i>B</i>	<i>MW-1-1</i>	<i>↓</i>	<i>8:00</i>		<input checked="" type="checkbox"/>		<i>2</i>	<i>S</i>	<i>↓/Nuc</i>		<input checked="" type="checkbox"/>																	
<i>C</i>	<i>MW-1-3</i>	<i>↓</i>	<i>8:15</i>		<input checked="" type="checkbox"/>		<i>6</i>	<i>S</i>	<i>↓/Nuc</i>		<input checked="" type="checkbox"/>													<input checked="" type="checkbox"/>	<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

Use C Rates

Agent Status

Sample integrity: To be completed by receiving lab.

Method of Shipment: _____

Temp. of Temp. Blank: _____ °C or Ice

Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) *[Signature]* Time: *10:30 AM* Date: *10/26/17*

Received By: (sign) _____ Time: _____ Date: _____

Received in Laboratory By: *[Signature]* Time: *8:00* Date: *10/27/17*

Synergy Environmental Lab,

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

KERRY BREITICK
VILLAGE OF BOWLER
107 W MAIN STREET
BOWLER, WI 54416

Report Date 09-Feb-18

Project Name A TO Z SALES

Invoice # E34186

Project #

Lab Code 5034186A

Sample ID MW-6

Sample Matrix Water

Sample Date 1/30/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	2.01	mg/l	0.03	0.1	1	200.7		2/7/2018	CWT	1
Lead, Dissolved	< 0.9	ug/L	0.9	3	1	7421		2/2/2018	CWT	1
Manganese, Dissolved	1480	ug/L	4.2	13.8	1	200.7		2/7/2018	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 0.20	ug/l	0.2	0.625	25	M8270C	2/1/2018	2/2/2018	NJC	1
Acenaphthylene	< 0.225	ug/l	0.225	0.7	25	M8270C	2/1/2018	2/2/2018	NJC	1
Anthracene	0.225 "J"	ug/l	0.225	0.75	25	M8270C	2/1/2018	2/2/2018	NJC	1
Benzo(a)anthracene	< 0.425	ug/l	0.425	1.35	25	M8270C	2/1/2018	2/2/2018	NJC	1
Benzo(a)pyrene	< 0.425	ug/l	0.425	1.375	25	M8270C	2/1/2018	2/2/2018	NJC	1
Benzo(b)fluoranthene	< 0.50	ug/l	0.5	1.575	25	M8270C	2/1/2018	2/2/2018	NJC	1
Benzo(g,h,i)perylene	< 0.275	ug/l	0.275	0.9	25	M8270C	2/1/2018	2/2/2018	NJC	1
Benzo(k)fluoranthene	< 0.35	ug/l	0.35	1.1	25	M8270C	2/1/2018	2/2/2018	NJC	1
Chrysene	< 0.475	ug/l	0.475	1.55	25	M8270C	2/1/2018	2/2/2018	NJC	1
Dibenzo(a,h)anthracene	< 0.25	ug/l	0.25	0.775	25	M8270C	2/1/2018	2/2/2018	NJC	1
Fluoranthene	< 0.775	ug/l	0.775	2.45	25	M8270C	2/1/2018	2/2/2018	NJC	1
Fluorene	< 0.275	ug/l	0.275	0.85	25	M8270C	2/1/2018	2/2/2018	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.30	ug/l	0.3	0.95	25	M8270C	2/1/2018	2/2/2018	NJC	1
1-Methyl naphthalene	13.4	ug/l	0.3	0.975	25	M8270C	2/1/2018	2/2/2018	NJC	1
2-Methyl naphthalene	10.7	ug/l	0.325	1	25	M8270C	2/1/2018	2/2/2018	NJC	1
Naphthalene	98.0	ug/l	0.575	1.825	25	M8270C	2/1/2018	2/2/2018	NJC	1
Phenanthrene	< 0.625	ug/l	0.625	2.025	25	M8270C	2/1/2018	2/2/2018	NJC	1
Pyrene	< 0.75	ug/l	0.75	2.375	25	M8270C	2/1/2018	2/2/2018	NJC	1
VOC's										
Benzene	770	ug/l	11	35.5	50	8260B		2/6/2018	CJR	1
Bromobenzene	< 22	ug/l	22	69	50	8260B		2/6/2018	CJR	1
Bromodichloromethane	< 16.5	ug/l	16.5	53	50	8260B		2/6/2018	CJR	1
Bromoform	< 22.5	ug/l	22.5	72	50	8260B		2/6/2018	CJR	1

Project

Lab Code 5034186A

Sample ID MW-6

Sample Matrix Water

Sample Date 1/30/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
tert-Butylbenzene	< 12.5	ug/l	12.5	40	50	8260B		2/6/2018	CJR	1
sec-Butylbenzene	< 39.5	ug/l	39.5	126.5	50	8260B		2/6/2018	CJR	1
n-Butylbenzene	< 35.5	ug/l	35.5	112.5	50	8260B		2/6/2018	CJR	1
Carbon Tetrachloride	< 15.5	ug/l	15.5	49	50	8260B		2/6/2018	CJR	1
Chlorobenzene	< 13	ug/l	13	41.5	50	8260B		2/6/2018	CJR	1
Chloroethane	< 30.5	ug/l	30.5	97.5	50	8260B		2/6/2018	CJR	1
Chloroform	< 13	ug/l	13	41	50	8260B		2/6/2018	CJR	1
Chloromethane	< 27	ug/l	27	86	50	8260B		2/6/2018	CJR	1
2-Chlorotoluene	< 15.5	ug/l	15.5	49	50	8260B		2/6/2018	CJR	1
4-Chlorotoluene	< 13	ug/l	13	41.5	50	8260B		2/6/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 148	ug/l	148	471.5	50	8260B		2/6/2018	CJR	1
Dibromochloromethane	< 11	ug/l	11	34.5	50	8260B		2/6/2018	CJR	1
1,4-Dichlorobenzene	< 35	ug/l	35	111	50	8260B		2/6/2018	CJR	1
1,3-Dichlorobenzene	< 42.5	ug/l	42.5	135	50	8260B		2/6/2018	CJR	1
1,2-Dichlorobenzene	< 43	ug/l	43	137	50	8260B		2/6/2018	CJR	1
Dichlorodifluoromethane	< 16	ug/l	16	51	50	8260B		2/6/2018	CJR	1
1,2-Dichloroethane	< 12.5	ug/l	12.5	39	50	8260B		2/6/2018	CJR	1
1,1-Dichloroethane	< 18	ug/l	18	57	50	8260B		2/6/2018	CJR	1
1,1-Dichloroethene	< 21	ug/l	21	67	50	8260B		2/6/2018	CJR	1
cis-1,2-Dichloroethene	< 18.5	ug/l	18.5	58	50	8260B		2/6/2018	CJR	1
trans-1,2-Dichloroethene	< 17	ug/l	17	53.5	50	8260B		2/6/2018	CJR	1
1,2-Dichloropropane	< 22	ug/l	22	69.5	50	8260B		2/6/2018	CJR	1
1,3-Dichloropropane	< 15	ug/l	15	47	50	8260B		2/6/2018	CJR	1
trans-1,3-Dichloropropene	< 16	ug/l	16	50.5	50	8260B		2/6/2018	CJR	1
cis-1,3-Dichloropropene	< 13	ug/l	13	40.5	50	8260B		2/6/2018	CJR	1
Di-isopropyl ether	< 10.5	ug/l	10.5	33	50	8260B		2/6/2018	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/l	17	54.5	50	8260B		2/6/2018	CJR	1
Ethylbenzene	1240	ug/l	13	41.5	50	8260B		2/6/2018	CJR	1
Hexachlorobutadiene	< 67	ug/l	67	214	50	8260B		2/6/2018	CJR	1
Isopropylbenzene	44 "J"	ug/l	39	123.5	50	8260B		2/6/2018	CJR	1
p-Isopropyltoluene	< 12	ug/l	12	38	50	8260B		2/6/2018	CJR	1
Methylene chloride	< 66	ug/l	66	210.5	50	8260B		2/6/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 14	ug/l	14	44.5	50	8260B		2/6/2018	CJR	1
Naphthalene	258 "J"	ug/l	105	332.5	50	8260B		2/6/2018	CJR	1
n-Propylbenzene	124	ug/l	30.5	97.5	50	8260B		2/6/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 15	ug/l	15	48.5	50	8260B		2/6/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 17.5	ug/l	17.5	56.5	50	8260B		2/6/2018	CJR	1
Tetrachloroethene	< 19	ug/l	19	60.5	50	8260B		2/6/2018	CJR	1
Toluene	1730	ug/l	9.5	30	50	8260B		2/6/2018	CJR	1
1,2,4-Trichlorobenzene	< 57.5	ug/l	57.5	183.5	50	8260B		2/6/2018	CJR	1
1,2,3-Trichlorobenzene	< 85.5	ug/l	85.5	271.5	50	8260B		2/6/2018	CJR	1
1,1,1-Trichloroethane	< 16.5	ug/l	16.5	52.5	50	8260B		2/6/2018	CJR	1
1,1,2-Trichloroethane	< 21	ug/l	21	66	50	8260B		2/6/2018	CJR	1
Trichloroethene (TCE)	< 15	ug/l	15	47	50	8260B		2/6/2018	CJR	1
Trichlorofluoromethane	< 17.5	ug/l	17.5	55	50	8260B		2/6/2018	CJR	1
1,2,4-Trimethylbenzene	590	ug/l	40	127.5	50	8260B		2/6/2018	CJR	1
1,3,5-Trimethylbenzene	189	ug/l	31.5	100	50	8260B		2/6/2018	CJR	1
Vinyl Chloride	< 10	ug/l	10	32.5	50	8260B		2/6/2018	CJR	1
m&p-Xylene	2550	ug/l	21.5	69	50	8260B		2/6/2018	CJR	1
o-Xylene	1140	ug/l	14.5	46.5	50	8260B		2/6/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	110	REC %			50	8260B		2/6/2018	CJR	1
SUR - 4-Bromofluorobenzene	102	REC %			50	8260B		2/6/2018	CJR	1

Project Name A TO Z SALES

Invoice # E34186

Project #

Lab Code 5034186A

Sample ID MW-6

Sample Matrix Water

Sample Date 1/30/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - Dibromofluoromethane	106	REC %			50	8260B		2/6/2018	CJR	1
SUR - Toluene-d8	96	REC %			50	8260B		2/6/2018	CJR	1
Wet Chemistry										
General										
Nitrite Plus Nitrate	0.45 "J"	mg/l	0.36	1.15	1	353.2		2/6/2018	NJC	1
Sulfate, Unfiltered	5.64	mg/l	1.35	4.3	1	ASTM D516-		2/6/2018	NJC	1

Project

Lab Code 5034186B

Sample ID MW-5

Sample Matrix Water

Sample Date 1/30/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	0.14	mg/l	0.03	0.1	1	200.7		2/7/2018	CWT	1
Lead, Dissolved	1.3	ug/L	0.9	3	1	7421		2/2/2018	CWT	1
Manganese, Dissolved	43.0	ug/L	4.2	13.8	1	200.7		2/7/2018	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 0.008	ug/l	0.008	0.025	1	M8270C	2/1/2018	2/1/2018	NJC	1
Acenaphthylene	< 0.009	ug/l	0.009	0.028	1	M8270C	2/1/2018	2/1/2018	NJC	1
Anthracene	< 0.009	ug/l	0.009	0.03	1	M8270C	2/1/2018	2/1/2018	NJC	1
Benzo(a)anthracene	< 0.017	ug/l	0.017	0.054	1	M8270C	2/1/2018	2/1/2018	NJC	1
Benzo(a)pyrene	< 0.017	ug/l	0.017	0.055	1	M8270C	2/1/2018	2/1/2018	NJC	1
Benzo(b)fluoranthene	< 0.02	ug/l	0.02	0.063	1	M8270C	2/1/2018	2/1/2018	NJC	1
Benzo(g,h,i)perylene	< 0.011	ug/l	0.011	0.036	1	M8270C	2/1/2018	2/1/2018	NJC	1
Benzo(k)fluoranthene	< 0.014	ug/l	0.014	0.044	1	M8270C	2/1/2018	2/1/2018	NJC	1
Chrysene	< 0.019	ug/l	0.019	0.062	1	M8270C	2/1/2018	2/1/2018	NJC	1
Dibenzo(a,h)anthracene	< 0.01	ug/l	0.01	0.031	1	M8270C	2/1/2018	2/1/2018	NJC	1
Fluoranthene	< 0.031	ug/l	0.031	0.098	1	M8270C	2/1/2018	2/1/2018	NJC	1
Fluorene	< 0.011	ug/l	0.011	0.034	1	M8270C	2/1/2018	2/1/2018	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.012	ug/l	0.012	0.038	1	M8270C	2/1/2018	2/1/2018	NJC	1
1-Methyl naphthalene	< 0.012	ug/l	0.012	0.039	1	M8270C	2/1/2018	2/1/2018	NJC	1
2-Methyl naphthalene	< 0.013	ug/l	0.013	0.04	1	M8270C	2/1/2018	2/1/2018	NJC	1
Naphthalene	0.0313 "J"	ug/l	0.023	0.073	1	M8270C	2/1/2018	2/1/2018	NJC	1
Phenanthrene	< 0.025	ug/l	0.025	0.081	1	M8270C	2/1/2018	2/1/2018	NJC	1
Pyrene	< 0.03	ug/l	0.03	0.095	1	M8270C	2/1/2018	2/1/2018	NJC	1
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		2/5/2018	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		2/5/2018	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		2/5/2018	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		2/5/2018	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		2/5/2018	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		2/5/2018	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		2/5/2018	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		2/5/2018	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/5/2018	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		2/5/2018	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		2/5/2018	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		2/5/2018	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		2/5/2018	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		2/5/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		2/5/2018	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		2/5/2018	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		2/5/2018	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		2/5/2018	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		2/5/2018	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		2/5/2018	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		2/5/2018	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		2/5/2018	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		2/5/2018	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		2/5/2018	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		2/5/2018	CJR	1

Project

Lab Code 5034186B

Sample ID MW-5

Sample Matrix Water

Sample Date 1/30/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		2/5/2018	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		2/5/2018	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		2/5/2018	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		2/5/2018	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		2/5/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		2/5/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/5/2018	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		2/5/2018	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		2/5/2018	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		2/5/2018	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		2/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		2/5/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		2/5/2018	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		2/5/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		2/5/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		2/5/2018	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B		2/5/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		2/5/2018	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		2/5/2018	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		2/5/2018	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		2/5/2018	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		2/5/2018	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		2/5/2018	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		2/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		2/5/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		2/5/2018	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		2/5/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		2/5/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		2/5/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	101	REC %			1	8260B		2/5/2018	CJR	1
SUR - 4-Bromofluorobenzene	103	REC %			1	8260B		2/5/2018	CJR	1
SUR - Dibromofluoromethane	101	REC %			1	8260B		2/5/2018	CJR	1
SUR - Toluene-d8	96	REC %			1	8260B		2/5/2018	CJR	1

Wet Chemistry

General

Nitrite Plus Nitrate	2.32	mg/l	0.36	1.15	1	353.2		2/6/2018	NJC	1
Sulfate, Unfiltered	12.5	mg/l	1.35	4.3	1	ASTM D516-		2/6/2018	NJC	1

Project

Lab Code 5034186C
 Sample ID MW-4
 Sample Matrix Water
 Sample Date 1/30/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	0.57	mg/l	0.03	0.1	1	200.7		2/7/2018	CWT	1
Lead, Dissolved	< 0.9	ug/L	0.9	3	1	7421		2/2/2018	CWT	1
Manganese, Dissolved	90.2	ug/L	4.2	13.8	1	200.7		2/7/2018	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 0.008	ug/l	0.008	0.025	1	M8270C	2/1/2018	2/1/2018	NJC	1
Acenaphthylene	< 0.009	ug/l	0.009	0.028	1	M8270C	2/1/2018	2/1/2018	NJC	1
Anthracene	< 0.009	ug/l	0.009	0.03	1	M8270C	2/1/2018	2/1/2018	NJC	1
Benzo(a)anthracene	< 0.017	ug/l	0.017	0.054	1	M8270C	2/1/2018	2/1/2018	NJC	1
Benzo(a)pyrene	< 0.017	ug/l	0.017	0.055	1	M8270C	2/1/2018	2/1/2018	NJC	1
Benzo(b)fluoranthene	< 0.02	ug/l	0.02	0.063	1	M8270C	2/1/2018	2/1/2018	NJC	1
Benzo(g,h,i)perylene	< 0.011	ug/l	0.011	0.036	1	M8270C	2/1/2018	2/1/2018	NJC	1
Benzo(k)fluoranthene	< 0.014	ug/l	0.014	0.044	1	M8270C	2/1/2018	2/1/2018	NJC	1
Chrysene	< 0.019	ug/l	0.019	0.062	1	M8270C	2/1/2018	2/1/2018	NJC	1
Dibenzo(a,h)anthracene	< 0.01	ug/l	0.01	0.031	1	M8270C	2/1/2018	2/1/2018	NJC	1
Fluoranthene	< 0.031	ug/l	0.031	0.098	1	M8270C	2/1/2018	2/1/2018	NJC	1
Fluorene	< 0.011	ug/l	0.011	0.034	1	M8270C	2/1/2018	2/1/2018	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.012	ug/l	0.012	0.038	1	M8270C	2/1/2018	2/1/2018	NJC	1
1-Methyl naphthalene	< 0.012	ug/l	0.012	0.039	1	M8270C	2/1/2018	2/1/2018	NJC	1
2-Methyl naphthalene	< 0.013	ug/l	0.013	0.04	1	M8270C	2/1/2018	2/1/2018	NJC	1
Naphthalene	< 0.023	ug/l	0.023	0.073	1	M8270C	2/1/2018	2/1/2018	NJC	1
Phenanthrene	< 0.025	ug/l	0.025	0.081	1	M8270C	2/1/2018	2/1/2018	NJC	1
Pyrene	< 0.03	ug/l	0.03	0.095	1	M8270C	2/1/2018	2/1/2018	NJC	1
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		2/5/2018	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		2/5/2018	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		2/5/2018	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		2/5/2018	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		2/5/2018	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		2/5/2018	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		2/5/2018	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		2/5/2018	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/5/2018	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		2/5/2018	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		2/5/2018	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		2/5/2018	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		2/5/2018	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		2/5/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		2/5/2018	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		2/5/2018	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		2/5/2018	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		2/5/2018	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		2/5/2018	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		2/5/2018	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		2/5/2018	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		2/5/2018	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		2/5/2018	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		2/5/2018	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		2/5/2018	CJR	1

Project #

Lab Code 5034186C
 Sample ID MW-4
 Sample Matrix Water
 Sample Date 1/30/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		2/5/2018	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		2/5/2018	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		2/5/2018	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		2/5/2018	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		2/5/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		2/5/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/5/2018	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		2/5/2018	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		2/5/2018	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		2/5/2018	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		2/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		2/5/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		2/5/2018	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		2/5/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		2/5/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		2/5/2018	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B		2/5/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		2/5/2018	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		2/5/2018	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		2/5/2018	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		2/5/2018	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		2/5/2018	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		2/5/2018	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		2/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		2/5/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		2/5/2018	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		2/5/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		2/5/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		2/5/2018	CJR	1
SUR - Dibromofluoromethane	104	REC %			1	8260B		2/5/2018	CJR	1
SUR - Toluene-d8	94	REC %			1	8260B		2/5/2018	CJR	1
SUR - 4-Bromofluorobenzene	102	REC %			1	8260B		2/5/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	106	REC %			1	8260B		2/5/2018	CJR	1

Wet Chemistry

General

Nitrite Plus Nitrate	0.56 "J"	mg/l	0.36	1.15	1	353.2		2/6/2018	NJC	1
Sulfate, Unfiltered	9.33	mg/l	1.35	4.3	1	ASTM D516-		2/6/2018	NJC	1

Project

Lab Code 5034186D

Sample ID MW-3

Sample Matrix Water

Sample Date 1/30/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	0.29	mg/l	0.03	0.1	1	200.7		2/7/2018	CWT	1
Lead, Dissolved	< 0.9	ug/L	0.9	3	1	7421		2/2/2018	CWT	1
Manganese, Dissolved	390	ug/L	4.2	13.8	1	200.7		2/7/2018	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 0.008	ug/l	0.008	0.025	1	M8270C	2/1/2018	2/1/2018	NJC	1
Acenaphthylene	< 0.009	ug/l	0.009	0.028	1	M8270C	2/1/2018	2/1/2018	NJC	1
Anthracene	< 0.009	ug/l	0.009	0.03	1	M8270C	2/1/2018	2/1/2018	NJC	1
Benzo(a)anthracene	< 0.017	ug/l	0.017	0.054	1	M8270C	2/1/2018	2/1/2018	NJC	1
Benzo(a)pyrene	< 0.017	ug/l	0.017	0.055	1	M8270C	2/1/2018	2/1/2018	NJC	1
Benzo(b)fluoranthene	< 0.02	ug/l	0.02	0.063	1	M8270C	2/1/2018	2/1/2018	NJC	1
Benzo(g,h,i)perylene	< 0.011	ug/l	0.011	0.036	1	M8270C	2/1/2018	2/1/2018	NJC	1
Benzo(k)fluoranthene	< 0.014	ug/l	0.014	0.044	1	M8270C	2/1/2018	2/1/2018	NJC	1
Chrysene	< 0.019	ug/l	0.019	0.062	1	M8270C	2/1/2018	2/1/2018	NJC	1
Dibenzo(a,h)anthracene	< 0.01	ug/l	0.01	0.031	1	M8270C	2/1/2018	2/1/2018	NJC	1
Fluoranthene	< 0.031	ug/l	0.031	0.098	1	M8270C	2/1/2018	2/1/2018	NJC	1
Fluorene	< 0.011	ug/l	0.011	0.034	1	M8270C	2/1/2018	2/1/2018	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.012	ug/l	0.012	0.038	1	M8270C	2/1/2018	2/1/2018	NJC	1
1-Methyl naphthalene	< 0.012	ug/l	0.012	0.039	1	M8270C	2/1/2018	2/1/2018	NJC	1
2-Methyl naphthalene	< 0.013	ug/l	0.013	0.04	1	M8270C	2/1/2018	2/1/2018	NJC	1
Naphthalene	0.0254 "J"	ug/l	0.023	0.073	1	M8270C	2/1/2018	2/1/2018	NJC	1
Phenanthrene	< 0.025	ug/l	0.025	0.081	1	M8270C	2/1/2018	2/1/2018	NJC	1
Pyrene	< 0.03	ug/l	0.03	0.095	1	M8270C	2/1/2018	2/1/2018	NJC	1
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		2/5/2018	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		2/5/2018	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		2/5/2018	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		2/5/2018	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		2/5/2018	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		2/5/2018	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		2/5/2018	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		2/5/2018	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/5/2018	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		2/5/2018	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		2/5/2018	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		2/5/2018	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		2/5/2018	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		2/5/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		2/5/2018	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		2/5/2018	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		2/5/2018	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		2/5/2018	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		2/5/2018	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		2/5/2018	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		2/5/2018	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		2/5/2018	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		2/5/2018	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		2/5/2018	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		2/5/2018	CJR	1

Project

Lab Code 5034186D

Sample ID MW-3

Sample Matrix Water

Sample Date 1/30/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		2/5/2018	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		2/5/2018	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		2/5/2018	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		2/5/2018	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		2/5/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		2/5/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		2/5/2018	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		2/5/2018	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		2/5/2018	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		2/5/2018	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		2/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		2/5/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		2/5/2018	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		2/5/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		2/5/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		2/5/2018	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B		2/5/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		2/5/2018	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		2/5/2018	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		2/5/2018	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		2/5/2018	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		2/5/2018	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		2/5/2018	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		2/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		2/5/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		2/5/2018	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		2/5/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		2/5/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		2/5/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	101	REC %			1	8260B		2/5/2018	CJR	1
SUR - 4-Bromofluorobenzene	104	REC %			1	8260B		2/5/2018	CJR	1
SUR - Dibromofluoromethane	104	REC %			1	8260B		2/5/2018	CJR	1
SUR - Toluene-d8	95	REC %			1	8260B		2/5/2018	CJR	1
Wet Chemistry										
General										
Nitrite Plus Nitrate	0.39 "I"	mg/l	0.36	1.15	1	353.2		2/6/2018	NJC	1
Sulfate, Unfiltered	14.0	mg/l	1.35	4.3	1	ASTM D516-		2/6/2018	NJC	1

Project

Lab Code 5034186E

Sample ID MW-2

Sample Matrix Water

Sample Date 1/30/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	26.6	mg/l	0.03	0.1	1	200.7		2/7/2018	CWT	1
Lead, Dissolved	5.2	ug/L	0.9	3	1	7421		2/2/2018	CWT	1
Manganese, Dissolved	2570	ug/L	4.2	13.8	1	200.7		2/7/2018	CWT	1
Organic										
PAH SIM										
Acenaphthene	0.62 "J"	ug/l	0.4	1.25	50	M8270C	2/1/2018	2/2/2018	NJC	1
Acenaphthylene	< 0.45	ug/l	0.45	1.4	50	M8270C	2/1/2018	2/2/2018	NJC	1
Anthracene	0.56 "J"	ug/l	0.45	1.5	50	M8270C	2/1/2018	2/2/2018	NJC	1
Benzo(a)anthracene	< 0.85	ug/l	0.85	2.7	50	M8270C	2/1/2018	2/2/2018	NJC	1
Benzo(a)pyrene	< 0.85	ug/l	0.85	2.75	50	M8270C	2/1/2018	2/2/2018	NJC	1
Benzo(b)fluoranthene	< 1.00	ug/l	1	3.15	50	M8270C	2/1/2018	2/2/2018	NJC	1
Benzo(g,h,i)perylene	< 0.55	ug/l	0.55	1.8	50	M8270C	2/1/2018	2/2/2018	NJC	1
Benzo(k)fluoranthene	< 0.70	ug/l	0.7	2.2	50	M8270C	2/1/2018	2/2/2018	NJC	1
Chrysene	< 0.95	ug/l	0.95	3.1	50	M8270C	2/1/2018	2/2/2018	NJC	1
Dibenzo(a,h)anthracene	< 0.50	ug/l	0.5	1.55	50	M8270C	2/1/2018	2/2/2018	NJC	1
Fluoranthene	< 1.55	ug/l	1.55	4.9	50	M8270C	2/1/2018	2/2/2018	NJC	1
Fluorene	< 0.55	ug/l	0.55	1.7	50	M8270C	2/1/2018	2/2/2018	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.60	ug/l	0.6	1.9	50	M8270C	2/1/2018	2/2/2018	NJC	1
1-Methyl naphthalene	49.0	ug/l	0.6	1.95	50	M8270C	2/1/2018	2/2/2018	NJC	1
2-Methyl naphthalene	87.0	ug/l	0.65	2	50	M8270C	2/1/2018	2/2/2018	NJC	1
Naphthalene	230	ug/l	1.15	3.65	50	M8270C	2/1/2018	2/2/2018	NJC	1
Phenanthrene	1.37 "J"	ug/l	1.25	4.05	50	M8270C	2/1/2018	2/2/2018	NJC	1
Pyrene	< 1.50	ug/l	1.5	4.75	50	M8270C	2/1/2018	2/2/2018	NJC	1
VOC's										
Benzene	810	ug/l	11	35.5	50	8260B		2/6/2018	CJR	1
Bromobenzene	< 22	ug/l	22	69	50	8260B		2/6/2018	CJR	1
Bromodichloromethane	< 16.5	ug/l	16.5	53	50	8260B		2/6/2018	CJR	1
Bromoform	< 22.5	ug/l	22.5	72	50	8260B		2/6/2018	CJR	1
tert-Butylbenzene	< 12.5	ug/l	12.5	40	50	8260B		2/6/2018	CJR	1
sec-Butylbenzene	< 39.5	ug/l	39.5	126.5	50	8260B		2/6/2018	CJR	1
n-Butylbenzene	46 "J"	ug/l	35.5	112.5	50	8260B		2/6/2018	CJR	1
Carbon Tetrachloride	< 15.5	ug/l	15.5	49	50	8260B		2/6/2018	CJR	1
Chlorobenzene	< 13	ug/l	13	41.5	50	8260B		2/6/2018	CJR	1
Chloroethane	< 30.5	ug/l	30.5	97.5	50	8260B		2/6/2018	CJR	1
Chloroform	< 13	ug/l	13	41	50	8260B		2/6/2018	CJR	1
Chloromethane	< 27	ug/l	27	86	50	8260B		2/6/2018	CJR	1
2-Chlorotoluene	< 15.5	ug/l	15.5	49	50	8260B		2/6/2018	CJR	1
4-Chlorotoluene	< 13	ug/l	13	41.5	50	8260B		2/6/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 148	ug/l	148	471.5	50	8260B		2/6/2018	CJR	1
Dibromochloromethane	< 11	ug/l	11	34.5	50	8260B		2/6/2018	CJR	1
1,4-Dichlorobenzene	< 35	ug/l	35	111	50	8260B		2/6/2018	CJR	1
1,3-Dichlorobenzene	< 42.5	ug/l	42.5	135	50	8260B		2/6/2018	CJR	1
1,2-Dichlorobenzene	< 43	ug/l	43	137	50	8260B		2/6/2018	CJR	1
Dichlorodifluoromethane	< 16	ug/l	16	51	50	8260B		2/6/2018	CJR	1
1,2-Dichloroethane	< 12.5	ug/l	12.5	39	50	8260B		2/6/2018	CJR	1
1,1-Dichloroethane	< 18	ug/l	18	57	50	8260B		2/6/2018	CJR	1
1,1-Dichloroethene	< 21	ug/l	21	67	50	8260B		2/6/2018	CJR	1
cis-1,2-Dichloroethene	< 18.5	ug/l	18.5	58	50	8260B		2/6/2018	CJR	1
trans-1,2-Dichloroethene	< 17	ug/l	17	53.5	50	8260B		2/6/2018	CJR	1

Project

Lab Code 5034186E

Sample ID MW-2

Sample Matrix Water

Sample Date 1/30/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2-Dichloropropane	< 22	ug/l	22	69.5	50	8260B		2/6/2018	CJR	1
1,3-Dichloropropane	< 15	ug/l	15	47	50	8260B		2/6/2018	CJR	1
trans-1,3-Dichloropropene	< 16	ug/l	16	50.5	50	8260B		2/6/2018	CJR	1
cis-1,3-Dichloropropene	< 13	ug/l	13	40.5	50	8260B		2/6/2018	CJR	1
Di-isopropyl ether	< 10.5	ug/l	10.5	33	50	8260B		2/6/2018	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/l	17	54.5	50	8260B		2/6/2018	CJR	1
Ethylbenzene	1710	ug/l	13	41.5	50	8260B		2/6/2018	CJR	1
Hexachlorobutadiene	< 67	ug/l	67	214	50	8260B		2/6/2018	CJR	1
Isopropylbenzene	72 "J"	ug/l	39	123.5	50	8260B		2/6/2018	CJR	1
p-Isopropyltoluene	< 12	ug/l	12	38	50	8260B		2/6/2018	CJR	1
Methylene chloride	< 66	ug/l	66	210.5	50	8260B		2/6/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 14	ug/l	14	44.5	50	8260B		2/6/2018	CJR	1
Naphthalene	305 "J"	ug/l	105	332.5	50	8260B		2/6/2018	CJR	1
n-Propylbenzene	236	ug/l	30.5	97.5	50	8260B		2/6/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 15	ug/l	15	48.5	50	8260B		2/6/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 17.5	ug/l	17.5	56.5	50	8260B		2/6/2018	CJR	1
Tetrachloroethene	< 19	ug/l	19	60.5	50	8260B		2/6/2018	CJR	1
Toluene	4400	ug/l	9.5	30	50	8260B		2/6/2018	CJR	1
1,2,4-Trichlorobenzene	< 57.5	ug/l	57.5	183.5	50	8260B		2/6/2018	CJR	1
1,2,3-Trichlorobenzene	< 85.5	ug/l	85.5	271.5	50	8260B		2/6/2018	CJR	1
1,1,1-Trichloroethane	< 16.5	ug/l	16.5	52.5	50	8260B		2/6/2018	CJR	1
1,1,2-Trichloroethane	< 21	ug/l	21	66	50	8260B		2/6/2018	CJR	1
Trichloroethene (TCE)	< 15	ug/l	15	47	50	8260B		2/6/2018	CJR	1
Trichlorofluoromethane	< 17.5	ug/l	17.5	55	50	8260B		2/6/2018	CJR	1
1,2,4-Trimethylbenzene	1880	ug/l	40	127.5	50	8260B		2/6/2018	CJR	1
1,3,5-Trimethylbenzene	520	ug/l	31.5	100	50	8260B		2/6/2018	CJR	1
Vinyl Chloride	< 10	ug/l	10	32.5	50	8260B		2/6/2018	CJR	1
m&p-Xylene	5700	ug/l	21.5	69	50	8260B		2/6/2018	CJR	1
o-Xylene	2150	ug/l	14.5	46.5	50	8260B		2/6/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	96	REC %				50 8260B		2/6/2018	CJR	1
SUR - 4-Bromofluorobenzene	101	REC %				50 8260B		2/6/2018	CJR	1
SUR - Dibromofluoromethane	105	REC %				50 8260B		2/6/2018	CJR	1
SUR - Toluene-d8	90	REC %				50 8260B		2/6/2018	CJR	1

Wet Chemistry

General

Nitrite Plus Nitrate	< 0.36	mg/l	0.36	1.15	1	353.2		2/6/2018	NJC	1
Sulfate, Unfiltered	4.26 "J"	mg/l	1.35	4.3	1	ASTM D516-		2/6/2018	NJC	1

Project #

Lab Code 5034186F
 Sample ID MW-1
 Sample Matrix Water
 Sample Date 1/30/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	51.1	mg/l	0.03	0.1	1	200.7		2/7/2018	CWT	1
Lead, Dissolved	9.9	ug/L	0.9	3	1	7421		2/2/2018	CWT	1
Manganese, Dissolved	4790	ug/L	4.2	13.8	1	200.7		2/7/2018	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 1.60	ug/l	1.6	5	200	M8270C	2/1/2018	2/2/2018	NJC	1
Acenaphthylene	< 1.80	ug/l	1.8	5.6	200	M8270C	2/1/2018	2/2/2018	NJC	1
Anthracene	< 1.80	ug/l	1.8	6	200	M8270C	2/1/2018	2/2/2018	NJC	1
Benzo(a)anthracene	< 3.40	ug/l	3.4	10.8	200	M8270C	2/1/2018	2/2/2018	NJC	1
Benzo(a)pyrene	< 3.40	ug/l	3.4	11	200	M8270C	2/1/2018	2/2/2018	NJC	1
Benzo(b)fluoranthene	< 4.00	ug/l	4	12.6	200	M8270C	2/1/2018	2/2/2018	NJC	1
Benzo(g,h,i)perylene	< 2.20	ug/l	2.2	7.2	200	M8270C	2/1/2018	2/2/2018	NJC	1
Benzo(k)fluoranthene	< 2.80	ug/l	2.8	8.8	200	M8270C	2/1/2018	2/2/2018	NJC	1
Chrysene	< 3.80	ug/l	3.8	12.4	200	M8270C	2/1/2018	2/2/2018	NJC	1
Dibenzo(a,h)anthracene	< 2.00	ug/l	2	6.2	200	M8270C	2/1/2018	2/2/2018	NJC	1
Fluoranthene	< 6.20	ug/l	6.2	19.6	200	M8270C	2/1/2018	2/2/2018	NJC	1
Fluorene	< 2.20	ug/l	2.2	6.8	200	M8270C	2/1/2018	2/2/2018	NJC	1
Indeno(1,2,3-cd)pyrene	< 2.40	ug/l	2.4	7.6	200	M8270C	2/1/2018	2/2/2018	NJC	1
1-Methyl naphthalene	95.0	ug/l	2.4	7.8	200	M8270C	2/1/2018	2/2/2018	NJC	1
2-Methyl naphthalene	134	ug/l	2.6	8	200	M8270C	2/1/2018	2/2/2018	NJC	1
Naphthalene	540	ug/l	4.6	14.6	200	M8270C	2/1/2018	2/2/2018	NJC	1
Phenanthrene	< 5.00	ug/l	5	16.2	200	M8270C	2/1/2018	2/2/2018	NJC	1
Pyrene	< 6.00	ug/l	6	19	200	M8270C	2/1/2018	2/2/2018	NJC	1
VOC's										
Benzene	4900	ug/l	44	142	200	8260B		2/6/2018	CJR	1
Bromobenzene	< 88	ug/l	88	276	200	8260B		2/6/2018	CJR	1
Bromodichloromethane	< 66	ug/l	66	212	200	8260B		2/6/2018	CJR	1
Bromoform	< 90	ug/l	90	288	200	8260B		2/6/2018	CJR	1
tert-Butylbenzene	< 50	ug/l	50	160	200	8260B		2/6/2018	CJR	1
sec-Butylbenzene	< 158	ug/l	158	506	200	8260B		2/6/2018	CJR	1
n-Butylbenzene	< 142	ug/l	142	450	200	8260B		2/6/2018	CJR	1
Carbon Tetrachloride	< 62	ug/l	62	196	200	8260B		2/6/2018	CJR	1
Chlorobenzene	< 52	ug/l	52	166	200	8260B		2/6/2018	CJR	1
Chloroethane	< 122	ug/l	122	390	200	8260B		2/6/2018	CJR	1
Chloroform	< 52	ug/l	52	164	200	8260B		2/6/2018	CJR	1
Chloromethane	< 108	ug/l	108	344	200	8260B		2/6/2018	CJR	1
2-Chlorotoluene	< 62	ug/l	62	196	200	8260B		2/6/2018	CJR	1
4-Chlorotoluene	< 52	ug/l	52	166	200	8260B		2/6/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 592	ug/l	592	1886	200	8260B		2/6/2018	CJR	1
Dibromochloromethane	< 44	ug/l	44	138	200	8260B		2/6/2018	CJR	1
1,4-Dichlorobenzene	< 140	ug/l	140	444	200	8260B		2/6/2018	CJR	1
1,3-Dichlorobenzene	< 170	ug/l	170	540	200	8260B		2/6/2018	CJR	1
1,2-Dichlorobenzene	< 172	ug/l	172	548	200	8260B		2/6/2018	CJR	1
Dichlorodifluoromethane	< 64	ug/l	64	204	200	8260B		2/6/2018	CJR	1
1,2-Dichloroethane	< 50	ug/l	50	156	200	8260B		2/6/2018	CJR	1
1,1-Dichloroethane	< 72	ug/l	72	228	200	8260B		2/6/2018	CJR	1
1,1-Dichloroethene	< 84	ug/l	84	268	200	8260B		2/6/2018	CJR	1
cis-1,2-Dichloroethene	< 74	ug/l	74	232	200	8260B		2/6/2018	CJR	1
trans-1,2-Dichloroethene	< 68	ug/l	68	214	200	8260B		2/6/2018	CJR	1

Project

Lab Code 5034186F

Sample ID MW-1

Sample Matrix Water

Sample Date 1/30/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2-Dichloropropane	< 88	ug/l	88	278	200	8260B		2/6/2018	CJR	1
1,3-Dichloropropane	< 60	ug/l	60	188	200	8260B		2/6/2018	CJR	1
trans-1,3-Dichloropropene	< 64	ug/l	64	202	200	8260B		2/6/2018	CJR	1
cis-1,3-Dichloropropene	< 52	ug/l	52	162	200	8260B		2/6/2018	CJR	1
Di-isopropyl ether	< 42	ug/l	42	132	200	8260B		2/6/2018	CJR	1
EDB (1,2-Dibromoethane)	< 68	ug/l	68	218	200	8260B		2/6/2018	CJR	1
Ethylbenzene	4100	ug/l	52	166	200	8260B		2/6/2018	CJR	1
Hexachlorobutadiene	< 268	ug/l	268	856	200	8260B		2/6/2018	CJR	1
Isopropylbenzene	< 156	ug/l	156	494	200	8260B		2/6/2018	CJR	1
p-Isopropyltoluene	< 48	ug/l	48	152	200	8260B		2/6/2018	CJR	1
Methylene chloride	< 264	ug/l	264	842	200	8260B		2/6/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 56	ug/l	56	178	200	8260B		2/6/2018	CJR	1
Naphthalene	880 "J"	ug/l	420	1330	200	8260B		2/6/2018	CJR	1
n-Propylbenzene	330 "J"	ug/l	122	390	200	8260B		2/6/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 60	ug/l	60	194	200	8260B		2/6/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 70	ug/l	70	226	200	8260B		2/6/2018	CJR	1
Tetrachloroethene	< 76	ug/l	76	242	200	8260B		2/6/2018	CJR	1
Toluene	30600	ug/l	38	120	200	8260B		2/6/2018	CJR	1
1,2,4-Trichlorobenzene	< 230	ug/l	230	734	200	8260B		2/6/2018	CJR	1
1,2,3-Trichlorobenzene	< 342	ug/l	342	1086	200	8260B		2/6/2018	CJR	1
1,1,1-Trichloroethane	< 66	ug/l	66	210	200	8260B		2/6/2018	CJR	1
1,1,2-Trichloroethane	< 84	ug/l	84	264	200	8260B		2/6/2018	CJR	1
Trichloroethene (TCE)	< 60	ug/l	60	188	200	8260B		2/6/2018	CJR	1
Trichlorofluoromethane	< 70	ug/l	70	220	200	8260B		2/6/2018	CJR	1
1,2,4-Trimethylbenzene	2530	ug/l	160	510	200	8260B		2/6/2018	CJR	1
1,3,5-Trimethylbenzene	620	ug/l	126	400	200	8260B		2/6/2018	CJR	1
Vinyl Chloride	< 40	ug/l	40	130	200	8260B		2/6/2018	CJR	1
m&p-Xylene	13200	ug/l	86	276	200	8260B		2/6/2018	CJR	1
o-Xylene	5800	ug/l	58	186	200	8260B		2/6/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	96	REC %			200	8260B		2/6/2018	CJR	1
SUR - 4-Bromofluorobenzene	104	REC %			200	8260B		2/6/2018	CJR	1
SUR - Dibromofluoromethane	103	REC %			200	8260B		2/6/2018	CJR	1
SUR - Toluene-d8	93	REC %			200	8260B		2/6/2018	CJR	1
Wet Chemistry										
General										
Nitrite Plus Nitrate	< 0.36	mg/l	0.36	1.15	1	353.2		2/6/2018	NJC	1
Sulfate, Unfiltered	10.2	mg/l	1.35	4.3	1	ASTM D516-		2/6/2018	NJC	1

Project #

Lab Code 5034186G
 Sample ID TB
 Sample Matrix Water
 Sample Date 1/30/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B	2/5/2018	2/5/2018	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B	2/5/2018	2/5/2018	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B	2/5/2018	2/5/2018	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B	2/5/2018	2/5/2018	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B	2/5/2018	2/5/2018	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B	2/5/2018	2/5/2018	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B	2/5/2018	2/5/2018	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B	2/5/2018	2/5/2018	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B	2/5/2018	2/5/2018	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B	2/5/2018	2/5/2018	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B	2/5/2018	2/5/2018	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B	2/5/2018	2/5/2018	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B	2/5/2018	2/5/2018	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B	2/5/2018	2/5/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B	2/5/2018	2/5/2018	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B	2/5/2018	2/5/2018	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B	2/5/2018	2/5/2018	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B	2/5/2018	2/5/2018	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B	2/5/2018	2/5/2018	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B	2/5/2018	2/5/2018	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B	2/5/2018	2/5/2018	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B	2/5/2018	2/5/2018	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B	2/5/2018	2/5/2018	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B	2/5/2018	2/5/2018	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B	2/5/2018	2/5/2018	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B	2/5/2018	2/5/2018	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B	2/5/2018	2/5/2018	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B	2/5/2018	2/5/2018	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B	2/5/2018	2/5/2018	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B	2/5/2018	2/5/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B	2/5/2018	2/5/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B	2/5/2018	2/5/2018	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B	2/5/2018	2/5/2018	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B	2/5/2018	2/5/2018	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B	2/5/2018	2/5/2018	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B	2/5/2018	2/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B	2/5/2018	2/5/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B	2/5/2018	2/5/2018	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B	2/5/2018	2/5/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B	2/5/2018	2/5/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B	2/5/2018	2/5/2018	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B	2/5/2018	2/5/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B	2/5/2018	2/5/2018	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B	2/5/2018	2/5/2018	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B	2/5/2018	2/5/2018	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B	2/5/2018	2/5/2018	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B	2/5/2018	2/5/2018	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B	2/5/2018	2/5/2018	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B	2/5/2018	2/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B	2/5/2018	2/5/2018	CJR	1

Project Name A TO Z SALES
Project #

Invoice # E34186

Lab Code 5034186G
Sample ID TB
Sample Matrix Water
Sample Date 1/30/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63		2 1	8260B		2/5/2018	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		2/5/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		2/5/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		2/5/2018	CJR	1
SUR - Toluene-d8	95	REC %				1 8260B		2/5/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	102	REC %				1 8260B		2/5/2018	CJR	1
SUR - 4-Bromofluorobenzene	104	REC %				1 8260B		2/5/2018	CJR	1
SUR - Dibromofluoromethane	101	REC %				1 8260B		2/5/2018	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

CHAIN OF CUSTODY RECORD

Synergy

Chain # No 29706

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

Account No.:	Quote No.:
Project #:	
Sampler: (signature) <i>Bryan Vigano</i>	

Project (Name / Location): <i>A to Z Sales + Service / Bowler</i>		Analysis Requested										Other Analysis						
Reports To: <i>Kerry Breitick</i>	Invoice To: <i>Kerry Breitick</i>	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD (Dissolved)	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	<i>Dissolved Iron</i>	<i>Dissolved Manganese</i>	PID/FID
Company <i>Village of Bowler</i>	Company <i>C/O METCO</i>																	
Address <i>107 W. Main Street</i>	Address <i>709 Gillette Street, Suite 3</i>																	
City State Zip <i>Bowler, WI 54416</i>	City State Zip <i>La Crosse, WI 54603</i>																	
Phone <i>(715) - 793 - 4410</i>	Phone																	
FAX	FAX																	

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 (Dissolved)	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	<i>Dissolved Iron</i>	<i>Dissolved Manganese</i>	PID/FID
<i>MW-6</i>	<i>1/30/18 925</i>			<i>Y</i>	<i>7</i>	<i>GW</i>	<i>H₂O, H₂O₂, HNO₃</i>			<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>				<i>X</i>		<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>MW-5</i>	<i>1030</i>						<i>None</i>			<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>				<i>X</i>		<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>MW-4</i>	<i>1115</i>									<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>				<i>X</i>		<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>MW-3</i>	<i>1150</i>									<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>				<i>X</i>		<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>MW-2</i>	<i>1230</i>									<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>				<i>X</i>		<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>MW-1</i>	<i>1255</i>									<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>				<i>X</i>		<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>TB</i>					<i>1</i>														<i>X</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 + C rates apply*
** Agent Status*

Sample Integrity: (to be completed by receiving lab)	Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	<i>Bryan Vigano</i>	<i>9:00 AM</i>	<i>1/31/18</i>			
	Received in Laboratory By:	Time:	Date:			

Synergy Environmental Lab,

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

KERRY BRIETICK
VILLAGE OF BOWLER
107 W MAIN STREET
BOWLER, WI 54416

Report Date 10-May-18

Project Name A TO Z SALES & SERVICE

Invoice # E34570

Project #

Lab Code 5034570A

Sample ID MW-5

Sample Matrix Water

Sample Date 5/1/2018

	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	5/4/2018		CWT	1
Organic										
PVOC + Naphthalene										
Benzene	<0.22	ug/l	0.22	0.71	1	8260B	5/4/2018		CJR	1
Ethylbenzene	<0.26	ug/l	0.26	0.83	1	8260B	5/4/2018		CJR	1
Methyl tert-butyl ether (MTBE)	<0.28	ug/l	0.28	0.89	1	8260B	5/4/2018		CJR	1
Naphthalene	<2.1	ug/l	2.1	6.65	1	8260B	5/4/2018		CJR	1
Toluene	<0.19	ug/l	0.19	0.6	1	8260B	5/4/2018		CJR	1
1,2,4-Trimethylbenzene	<0.8	ug/l	0.8	2.55	1	8260B	5/4/2018		CJR	1
1,3,5-Trimethylbenzene	<0.63	ug/l	0.63	2	1	8260B	5/4/2018		CJR	1
m&p-Xylene	<0.43	ug/l	0.43	1.38	1	8260B	5/4/2018		CJR	1
o-Xylene	<0.29	ug/l	0.29	0.93	1	8260B	5/4/2018		CJR	1

Project #

Lab Code 5034570B
 Sample ID MW-4
 Sample Matrix Water
 Sample Date 5/1/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	1.6 "J"	ug/L	0.9		3 1	7421		5/4/2018	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		5/4/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		5/4/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		5/4/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		5/4/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		5/4/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		5/4/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		5/4/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		5/4/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		5/4/2018	CJR	1

Lab Code 5034570C
 Sample ID MW-3
 Sample Matrix Water
 Sample Date 5/1/2018

	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		5/4/2018	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	0.54 "J"	ug/l	0.22	0.71	1	8260B		5/9/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		5/9/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		5/9/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		5/9/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		5/9/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		5/9/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		5/9/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		5/9/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		5/9/2018	CJR	1

Project #

Lab Code 5034570D
 Sample ID MW-2
 Sample Matrix Water
 Sample Date 5/1/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	16.4	ug/L	0.9		3 1	7421		5/4/2018	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	960	ug/l	22		71 100	8260B		5/4/2018	CJR	1
Ethylbenzene	1340	ug/l	26		83 100	8260B		5/4/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 28	ug/l	28		89 100	8260B		5/4/2018	CJR	1
Naphthalene	236 "J"	ug/l	210		665 100	8260B		5/4/2018	CJR	1
Toluene	4500	ug/l	19		60 100	8260B		5/4/2018	CJR	1
1,2,4-Trimethylbenzene	1360	ug/l	80		255 100	8260B		5/4/2018	CJR	1
1,3,5-Trimethylbenzene	380	ug/l	63		200 100	8260B		5/4/2018	CJR	1
m&p-Xylene	4500	ug/l	43		138 100	8260B		5/4/2018	CJR	1
o-Xylene	1580	ug/l	29		93 100	8260B		5/4/2018	CJR	1

Lab Code 5034570E
 Sample ID MW-6
 Sample Matrix Water
 Sample Date 5/1/2018

	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		5/4/2018	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	224	ug/l	2.2		7.1 10	8260B		5/5/2018	CJR	1
Ethylbenzene	370	ug/l	2.6		8.3 10	8260B		5/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 2.8	ug/l	2.8		8.9 10	8260B		5/5/2018	CJR	1
Naphthalene	40 "J"	ug/l	21		66.5 10	8260B		5/5/2018	CJR	1
Toluene	194	ug/l	1.9		6 10	8260B		5/5/2018	CJR	1
1,2,4-Trimethylbenzene	135	ug/l	8		25.5 10	8260B		5/5/2018	CJR	1
1,3,5-Trimethylbenzene	47	ug/l	6.3		20 10	8260B		5/5/2018	CJR	1
m&p-Xylene	650	ug/l	4.3		13.8 10	8260B		5/5/2018	CJR	1
o-Xylene	234	ug/l	2.9		9.3 10	8260B		5/5/2018	CJR	1

Project #

Lab Code 5034570F
 Sample ID MW-1
 Sample Matrix Water
 Sample Date 5/1/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	38.3	ug/L	1.8	6	2	7421		5/4/2018	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	4000	ug/l	22	71	100	8260B		5/4/2018	CJR	1
Ethylbenzene	4400	ug/l	26	83	100	8260B		5/4/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 28	ug/l	28	89	100	8260B		5/4/2018	CJR	1
Naphthalene	580 "J"	ug/l	210	665	100	8260B		5/4/2018	CJR	1
Toluene	39000	ug/l	95	300	500	8260B		5/9/2018	CJR	1
1,2,4-Trimethylbenzene	2800	ug/l	80	255	100	8260B		5/4/2018	CJR	1
1,3,5-Trimethylbenzene	710	ug/l	63	200	100	8260B		5/4/2018	CJR	1
m&p-Xylene	13400	ug/l	43	138	100	8260B		5/4/2018	CJR	1
o-Xylene	5800	ug/l	29	93	100	8260B		5/4/2018	CJR	1

Lab Code 5034570G
 Sample ID TB
 Sample Matrix Water
 Sample Date 5/1/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		5/4/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		5/4/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		5/4/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		5/4/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		5/4/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		5/4/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		5/4/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		5/4/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		5/4/2018	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

CHAIN OF CUSTODY RECORD

Synergy

Chain # 31252

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

Account No.: _____ Quote No.: _____
Project #: _____
Sampler: (signature) Tyln Woodlee

Project (Name / Location): A to Z Sales + Service / Bowler
Reports To: Kerry Brietick Invoice To: Kerry Brietick
Company: Village of Bowler Company: % METCO
Address: 107 W. Main Street Address: 709 Gillette Street, Ste. 3
City State Zip: Bowler, WI 54416 City State Zip: La Crosse, WI 54603
Phone: (715)-793-4910 Phone: (608) 781-8879
FAX: _____ FAX: _____

Analysis Requested		Other Analysis												
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD (Dissolved)	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						

Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
MW-5	S/A	950			Y	4	GW	HNO ₃ , NMS
MW-4		915			↓	↓	↓	↓
MW-3		935			↓	↓	↓	↓
MW-2		1000			↓	↓	↓	↓
MW-6		1030			↓	↓	↓	↓
MW-1		1055			↓	↓	↓	↓
TB						1		HCl

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)
* UTC Rates Apply
* Agent Status

Relinquished By: (sign) Tyln Woodlee Time 8:00am Date 5/2/18
Received By: (sign) _____ Time _____ Date _____
Received in Laboratory By: _____ Time: _____ Date: _____

APPENDIX C/ WELL AND BOREHOLE DOCUMENTATION

Facility Name A to Z Sales & Service			Facility ID Number 459003930	License, Permit or Monitoring No.	Date 6/21/2018	Completed By (Name and Firm) Max Wannow/METCO														
WI Unique Well No	Well Name	DNR Well ID Number	Well Location	Dir. N S E W	Date Established	Well Casing		Elevations		Reference		Depths			Screen Length	Well Type	Well Status	Enf. Stds.	Gradient	Distance to Waste
						Diam.	Type	Top of Well Casing	Ground Surface	MSL (✓)	Site Datum (✓)	Screen Top	Initial Groundwater	Well Depth						
WA100	MW-1		301691.09	X	10/24/2017	2	P	1077.48	1077.95	X		7	11.82	17	10	11/mw	A	X	D	15.07
			763434.6	X																
WA101	MW-2		301624.73	X	10/24/2017	2	P	1078.86	1079.26	X		9	13.33	19	10	11/mw	A	X	D	42.46
			301624.73	X																
WA102	MW-3		301571.19	X	10/23/2017	2	P	1080.07	1080.47	X		9	14.77	19	10	11/mw	A		D	
			763415.85	X																
WA103	MW-4		301639.68	X	10/23/2017	2	P	1078.08	1078.55	X		7	13.85	17	10	11/mw	A		S	66.96
			763514.1	X																
WA104	MW-5		301655.99	X	10/23/2017	2	P	1075.64	1076.12	X		6	10.09	16	10	11/mw	A		D	73.56
			763339.85	X																
WA105	MW-6		301575.38	X	10/23/2017	2	P	1078.23	1078.76	X		9	13.14	19	10	11/mw	A	X	D	66.14
			763334.56	X																

Location Coordinates Are:

- State Plane Coordinate
 Northern
 Central
 Southern
 Local Grid System

Grid Origin Location: (Check if estimated:)

Lat. 44 ° 51 ' 46 " Long. 88 ° 58 ' 54 " or
 St. Plane _____ ft. N. _____ ft. E. S/C/N Zone _____

Remarks:

Facility/Project Name A to Z Sales and Service	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. WAL00 DNR Well ID No.
Facility ID	St. Plane ft. N. ft. E. S/C/N	Date Well Installed 10 / 24 / 2017 m m d d y y v v y y
Type of Well Well Code 11 / mw	Section Location of Waste/Source NE 1/4 of SE 1/4 of Sec. 36, T. 28 N. R. 12 E 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	Gov. Lot Number
Soils & Engineering Services, Inc.		

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: <u>8.0</u> in.
C. Land surface elevation ----- ft. MSL	b. Length: <u>1.0</u> ft.
D. Surface seal, bottom ----- ft. MSL or <u>1.5</u> 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 checked="" type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input 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 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. <u>0.4</u> 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 checked="" type="checkbox"/> 08
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 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. <u>Red Flint #15 Well Slot</u> b. Volume added <u>0.28</u> ft ³
E. Bentonite seal, top ----- ft. MSL or <u>1.5</u> ft.	8. Filter pack material: Manufacturer, product name & mesh size a. <u>Red Flint #40 Well Slot</u> b. Volume added <u>3.64</u> ft ³
F. Fine sand, top ----- ft. MSL or <u>4.0</u> 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"/>
G. Filter pack, top ----- ft. MSL or <u>5.0</u> ft.	10. Screen material: <u>Sch. 40 PVC</u> a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
H. Screen joint, top ----- ft. MSL or <u>7.0</u> ft.	b. Manufacturer <u>Johnson</u> c. Slot size: <u>0.010</u> in. d. Slotted length: <u>10.0</u> ft.
I. Well bottom ----- ft. MSL or <u>17.0</u> ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
J. Filter pack, bottom ----- ft. MSL or <u>18.0</u> ft.	
K. Borehole, bottom ----- ft. MSL or <u>18.0</u> ft.	
L. Borehole, diameter <u>7.6</u> in.	
M. O.D. well casing <u>2.38</u> in.	
N. I.D. well casing <u>2.04</u> 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.

Facility/Project Name A to Z Sales and Service	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-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. W1101 DNR Well ID No.
Facility ID	St. Plane ft. N. ft. E. S/C/N	Date Well Installed 10 / 24 / 2017 m m d d y y y y
Type of Well Well Code 11 / mw	Section Location of Waste/Source NE 1/4 of SE 1/4 of Sec. 36, T. 28, N. R. 12 <input checked="" 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 checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Gov. Lot Number
Ent. Stds. Apply <input type="checkbox"/>		Soils & Engineering Services, Inc.

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 checked="" type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input 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 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. 0.4 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 checked="" 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 checked="" 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 Well Slot b. Volume added 0.56 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 Well Slot b. Volume added 3.64 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 5.0 ft.	b. Manufacturer Johnson c. Slot size: 0.010 in. d. Slotted length: 10.0 ft.
G. Filter pack, top ----- ft. MSL or 7.0 ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
H. Screen joint, top ----- ft. MSL or 9.0 ft.	
I. Well bottom ----- ft. MSL or 19.0 ft.	
J. Filter pack, bottom ----- ft. MSL or 20.0 ft.	
K. Borehole, bottom ----- ft. MSL or 20.0 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 *James E. Reichel*

Firm
Soils & Engineering Services, Inc.

Facility/Project Name A to Z Sales and Service	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 <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. " Long. " or " or "	Wis. Unique Well No. WA102 DNR Well ID No.
Facility ID	St. Plane ft. N. ft. E. S/C/N	Date Well Installed 10 / 23 / 2017 m m d d y y y y
Type of Well Well Code 11 / mw	Section Location of Waste/Source NE 1/4 of SE 1/4 of Sec. 36, T. 28 N. R. 12 E 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 checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Soils & Engineering Services, Inc.

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 checked="" type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input 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 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. 0.4 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 checked="" 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 Well Slot b. Volume added 0.56 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 Well Slot b. Volume added 3.64 ft ³
17. Source of water (atsch 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 5.0 ft.	b. Manufacturer Johnson c. Slot size: 0.010 in. d. Slotted length: 10.0 ft.
G. Filter pack, top ----- ft. MSL or 7.0 ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
H. Screen joint, top ----- ft. MSL or 9.0 ft.	
I. Well bottom ----- ft. MSL or 19.0 ft.	
J. Filter pack, bottom ----- ft. MSL or 20.0 ft.	
K. Borehole, bottom ----- ft. MSL or 20.0 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 Rector* 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 A to Z Sales and Service	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-4
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. W0103 DNR Well ID No.
Facility ID	St. Plane ft. N. ft. E. S/C/N	Date Well Installed 10 / 23 / 2017 m m d d y y y y
Type of Well Well Code 11 / mw	Section Location of Waste/Source NE 1/4 of SE 1/4 of Sec. 36, T. 28 N. R. 12 <input checked="" 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 checked="" type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Soils & Engineering Services, Inc.

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 checked="" type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input 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 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. 0.4 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 checked="" 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 Well Slot b. Volume added 0.28 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 Well Slot b. Volume added 3.64 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 4.0 ft.	b. Manufacturer Johnson c. Slot size: 0.010 in. d. Slotted length: 10.0 ft.
G. Filter pack, top	----- ft. MSL or 5.0 ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
H. Screen joint, top	----- ft. MSL or 7.0 ft.	
I. Well bottom	----- ft. MSL or 17.0 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 *Steve Prud'homme* 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 A to Z Sales and Service	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 <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or _____	Wis. Unique Well No. W8104 DNR Well ID No. _____
Facility ID	St. Plane _____ ft. N. _____ ft. E. S/C/N	Date Well Installed 10 / 23 / 2017 m m d d y y y y
Type of Well Well Code 11 / mw	Section Location of Waste/Source NE 1/4 of SE 1/4 of Sec. 36, T. 28, N. R. 12 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm Robert Rector
Distance from Waste/Source _____ ft.	Enf. Stds. Apply <input type="checkbox"/>	Soils & Engineering Services, Inc.
	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input checked="" type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	

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: _____ in. 8.0
C. Land surface elevation _____ ft. MSL	b. Length: _____ ft. 1.0
D. Surface seal, bottom _____ ft. MSL or 1.5 ft.	c. Material: Steel <input type="checkbox"/> 04 Other <input checked="" 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 checked="" type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input 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 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. 0.4 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 checked="" type="checkbox"/> 08
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 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 Well Slot
E. Bentonite seal, top _____ ft. MSL or 1.5 ft.	b. Volume added 0.28 ft ³
F. Fine sand, top _____ ft. MSL or 4.0 ft.	8. Filter pack material: Manufacturer, product name & mesh size a. Red Flint #40 Well Slot
G. Filter pack, top _____ ft. MSL or 5.0 ft.	b. Volume added 3.08 ft ³
H. Screen joint, top _____ ft. MSL or 6.0 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 16.0 ft.	10. Screen material: Sch. 40 PVC
J. Filter pack, bottom _____ ft. MSL or 16.0 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 17.0 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: *John Rector* 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 A to Z Sales and Service	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-6
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/>	Wis. Unique Well No. WA105 DNR Well ID No.
Facility ID	Lat. " Long. " or St. Plane ft. N. ft. E. S/C/N	Date Well Installed 10 / 23 / 2017 m m d d y y v v y
Type of Well Well Code 11 / mw	Section Location of Waste/Source NE 1/4 of SE 1/4 of Sec. 36, T. 28 N. R. 12 E 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 checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Soils & Engineering Services, Inc.

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 1.5 ft.

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

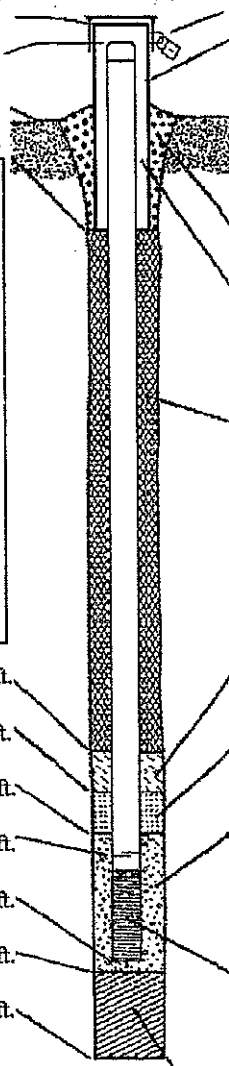
13. Sieve analysis performed? Yes No

14. Drilling method used: Rotary 50
 Hollow Stem Auger 41
 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: 8.0 in.
 b. Length: 1.0 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. 0.4 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. **Red Flint #15 Well Slot**
 b. Volume added 0.56 ft³

8. Filter pack material: Manufacturer, product name & mesh size
 a. **Red Flint #40 Well Slot**
 b. Volume added 3.64 ft³

9. Well casing: Flush threaded PVC schedule 40 23
 Flush threaded PVC schedule 80 24
 Other

10. Screen material: **Sch. 40 PVC**
 a. Screen type: Factory cut 11
 Continuous slot 01
 Other

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

11. Backfill material (below filter pack): None 14
 Other

E. Bentonite seal, top ----- ft. MSL or 1.5 ft.
 F. Fine sand, top ----- ft. MSL or 5.0 ft.
 G. Filter pack, top ----- ft. MSL or 7.0 ft.
 H. Screen joint, top ----- ft. MSL or 9.0 ft.
 I. Well bottom ----- ft. MSL or 19.0 ft.
 J. Filter pack, bottom ----- ft. MSL or 20.0 ft.
 K. Borehole, bottom ----- ft. MSL or 20.0 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. ...*

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 A to Z Sales & Service	County Name SHAWANO	Well Name MW-1
Facility License, Permit or Monitoring Number	County Code 59	Wis. Unique Well Number OO111
		DNR Well ID Number

1. Can this well be purged dry? Yes No

2. Well development method

- surged with bailer and bailed 41
- surged with bailer and pumped 61
- surged with block and bailed 42
- surged with block and pumped 62
- surged with block, bailed and pumped 70
- compressed air 20
- bailed only 10
- pumped only 51
- pumped slowly 50
- Other

3. Time spent developing well 35 min.

4. Depth of well (from top of well casing) 17 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 5.7 gal.

7. Volume of water removed from well 50 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>11.82</u> ft.	<u>12.02</u> ft.
Date	b. <u>10 / 24 / 2017</u> m m d d y y y y	<u>10 / 24 / 2017</u> m m d d y y y y
Time	c. <u>10 : 15</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>10 : 50</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	_____ inches	_____ inches
13. Water clarity	Clear <input type="checkbox"/> 10	Clear <input checked="" type="checkbox"/> 20
	Turbid <input checked="" type="checkbox"/> 15	Turbid <input type="checkbox"/> 25
(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

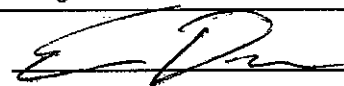
First Name: Kerry Last Name: Breitick

Facility/Firm: Village of Bowler

Street: 107 West Main Street

City/State/Zip: Bowler WI 54416-

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 A to Z Sales & Service	County Name SHAWANO	Well Name MW-2
Facility License, Permit or Monitoring Number	County Code 59	Wis. Unique Well Number WA101
		DNR Well ID Number

1. Can this well be purged dry? Yes No

2. Well development method
- surged with bailer and bailed 41
 - surged with bailer and pumped 61
 - surged with block and bailed 42
 - surged with block and pumped 62
 - surged with block, bailed and pumped 70
 - compressed air 20
 - bailed only 10
 - pumped only 51
 - pumped slowly 50
 - Other

3. Time spent developing well 35 min.

4. Depth of well (from top of well casing) 19 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 6.2 gal.

7. Volume of water removed from well 50 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>13.33</u> ft.	<u>13.52</u> ft.
Date	b. <u>10 / 24 / 2017</u> m m d d y y y y	<u>10 / 24 / 2017</u> m m d d y y y y
Time	c. <u>11 : 30</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>12 : 05</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"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Tan</u>	Clear <input checked="" type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe) <u>Clear</u>
	<u>High turbidity</u>	<u>Low turbidity</u>

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

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

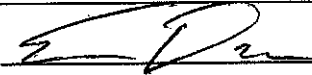
15. COD _____ mg/l _____ mg/l

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: Kerry Last Name: Breitick
Facility/Firm: Village of Bowler
Street: 107 West Main Street
City/State/Zip: Bowler WI 54416

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 A to Z Sales & Service	County Name SHAWANO	Well Name MW-3
Facility License, Permit or Monitoring Number	County Code 59	Wis. Unique Well Number WA102
		DNR Well ID Number

1. Can this well be purged dry? Yes No

2. Well development method

surged with bailer and bailed	<input type="checkbox"/>	41
surged with bailer and pumped	<input checked="" 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"/>	

3. Time spent developing well 65 min.

4. Depth of well (from top of well casing) 19 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 4.6 gal.

7. Volume of water removed from well 40 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>14.77</u> ft.	<u>15.46</u> ft.
Date	b. <u>10 / 24 / 2017</u> m m d d y y y y	<u>10 / 24 / 2017</u> m m d d y y y y
Time	c. <u>08 : 45</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>09 : 50</u> <input checked="" type="checkbox"/> a.m. <input 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) _____ 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

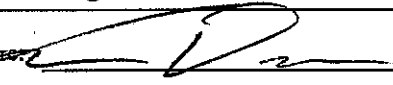
First Name: Kerry Last Name: Breitick

Facility/Firm: Village of Bowler

Street: 107 West Main Street

City/State/Zip: Bowler WI 54416-

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 A to Z Sales & Service	County Name SHAWANO	Well Name MW-4
Facility License, Permit or Monitoring Number	County Code 59	Wis. Unique Well Number WA103
		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 60 min.
4. Depth of well (from top of well casing) 17 ft.
5. Inside diameter of well 2 in.
6. Volume of water in filter pack and well casing 5 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>12.41</u> ft.	<u>13.85</u> ft.
Date	b. <u>10 / 24 / 2017</u> m m d d y y y y	<u>10 / 24 / 2017</u> m m d d y y y y
Time	c. <u>07 : 25</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>08 : 25</u> <input checked="" type="checkbox"/> a.m. <input 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>Tan</u>	Clear <input checked="" type="checkbox"/> 2 0 Turbid <input type="checkbox"/> 2 5 (Describe) <u>Light tan</u>
	<u>High turbidity</u>	<u>Low turbidity</u>
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:	<u>Eric</u>	Last Name: <u>Dahl</u>
Firm:	<u>METCO</u>	

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party

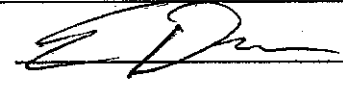
First Name: Kerry Last Name: Breitick

Facility/Firm: Village of Bowler

Street: 107 West Main Street

City/State/Zip: Bowler WI 54416

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 A to Z Sales & Service	County Name SHAWANO	Well Name MW-5
Facility License, Permit or Monitoring Number	County Code 59	Wis. Unique Well Number WA104
		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 65 min.

4. Depth of well (from top of well casing) 16 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 6.5 gal.

7. Volume of water removed from well 70 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>10.09</u> ft.	<u>10.16</u> ft.
Date	b. <u>10 / 23 / 2017</u> m m d d y y y y	<u>10 / 23 / 2017</u> m m d d y y y y
Time	c. <u>03 : 40</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	<u>04 : 45</u> <input type="checkbox"/> a.m. <input checked="" 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) Tan	(Describe) 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: Kerry Last Name: Breitick

Facility/Firm: Village of Bowler

Street: 107 West Main Street

City/State/Zip: Bowler WI 54416-

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 A to Z Sales & Service	County Name SHAWANO	Well Name MW-6
Facility License, Permit or Monitoring Number	County Code 59	Wis. Unique Well Number WA105
		DNR Well ID Number

1. Can this well be purged dry? Yes No
2. Well development method
- surged with bailer and bailed 41
 - surged with bailer and pumped 61
 - surged with block and bailed 42
 - surged with block and pumped 62
 - surged with block, bailed and pumped 70
 - compressed air 20
 - bailed only 10
 - pumped only 51
 - pumped slowly 50
 - Other
3. Time spent developing well 60 min.
4. Depth of well (from top of well casing) 19 ft.
5. Inside diameter of well 2 in.
6. Volume of water in filter pack and well casing 6.4 gal.
7. Volume of water removed from well 70 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>13.14</u> ft. | <u>13.25</u> ft. |
| Date | b. <u>10 / 23 / 2017</u>
m m d d y y y y | <u>10 / 23 / 2017</u>
m m d d y y y y |
| Time | c. <u>01 : 50</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m. | <u>02 : 50</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"/> 10
Turbid <input checked="" type="checkbox"/> 15
(Describe) <u>Tan</u> | Clear <input checked="" type="checkbox"/> 20
Turbid <input type="checkbox"/> 25
(Describe) <u>Clear</u> |
| | <u>High turbidity</u> | <u>Low turbidity</u> |
| 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

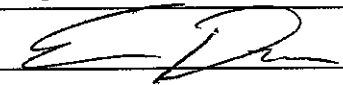
First Name: Kerry Last Name: Breitick

Facility/Firm: Village of Bowler

Street: 107 West Main Street

City/State/Zip: Bowler WI 54416-

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:
Remediation / Redevelopment:

Waste Management:
Other:

Facility / Project Name A to Z Sales & Service		License / Permit / Monitoring Number		Boring Number G-1
Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC		Drilling Date Started 06/19/2017 MM/DD/YYYY	Drilling Date Completed 06/19/2017 MM/DD/YYYY	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level 1065 feet MSL	Surface Elevation 1075 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of NE ¼ of Section 36, T 28 N, R 12 E			Local Grid Location N E Feet S Feet W	
Facility ID 459003930	County Shawano	County Code 59	Civil Town / City / Village Bowler	

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-1-1 (3.5 feet)	48 24		0-2'	Grass Brown silty/clayey fine to coarse grained sand with gravel	SM/SC									
			2-4'	Dark tan very fine to fine grained silty sand	SM			3.1		M				No petro odor
G-1-2 (8 feet)	48 24		4-12'	Dark tan to gray very fine to coarse grained sand with gravel; coarsens with depth	SP			16.3		M/W				Slight petro odor from 7-8 feet
G-1-3 (11.5 feet)	48 24		10-12'	EOB at 12 feet bgs. Groundwater sample G-1-W collected at 10-12 feet. Borehole abandoned.				257		W				Petro odor

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

Signature: *Matthew C. Miller*

Firm: **METCO**

Route To:

Watershed / Wastewater:
Remediation / Redevelopment:

Waste Management:
Other:

Facility / Project Name A to Z Sales & Service		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 06/19/2017 MM/DD/YYYY	Drilling Date Completed 06/19/2017 MM/DD/YYYY	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level 1065 feet MSL	Surface Elevation 1075 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE 1/4 of NE 1/4 of Section 36, T 28 N, R 12 E			Local Grid Location N E Feet S Feet W	
Facility ID 459003930		County Shawano	County Code 59	Civil Town / City / Village Bowler

Number & Type	Length Att. & Recovered (ft)	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	
G-2-1 (3.5 feet)	48 24		0-2'	Grass Brown silty/clayey fine to coarse grained sand with gravel	SM/SC								
			2-6'	Dark tan to brown very fine to medium grained sand	SP			35.4		M			Petro odor from 2.5-4 feet
G-2-2 (7 feet)	48 24		6-7'	Tan very fine to very coarse grained sand	SP			2179		M/W			Petro odor
			7-12'	Tan very fine to medium sand	SP			1143		W			Petro odor
				EOB at 12 feet bgs. Groundwater sample G-2-W collected at 10-12 feet. Borehole abandoned.									

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

Signature: *Matthew C. Nickel*

Firm: **METCO**

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

Facility / Project Name A to Z Sales & Service		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 06/19/2017 MM/DD/YYYY		Drilling Date Completed 06/19/2017 MM/DD/YYYY	
WI Unique Well No. DNR-Well ID No.		Well Name		Borehole Diameter 2 inches	
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE 1/4 of NE 1/4 of Section 36, T 28 N, R 12 E		Final Static Water Level 1062 feet MSL		Surface Elevation 1075 feet MSL	
Facility ID 459003930		County Shawano		County Code 59	
				Civil Town / City / <u>Village</u> Bowler	

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						RQD / Comments	
								PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				Grass											
			2	0-2' Brown silty/clayey fine to coarse grained sand with gravel	SM/SC										
G-3-1 (3.5 feet)	48 18		4					2.4		M					No petro odor
G-3-2 (6 feet)	48 6		6	2-8' Dark tan very fine to coarse grained sand	SP			1.9		M					No petro odor
G-3-3 (10 feet)	48 18		10	8-12.5' Dark tan very fine to fine grained sand (with gravel from 8-11')	SP			2.4		M					No petro odor
G-3-4 (13 feet)	48 24		13	12.5-15' Tan fine to very coarse grained sand with gravel	SP			1.9		W					Petro odor from 15-18 feet
			14	15-16' Tan to black very fine to fine grained sand	SP										
			16	EOB at 16 feet bgs. Groundwater sample G-3-W collected at 13-16 feet. Borehole abandoned.											

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

Signature: *Matthew C. Niska*

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 A to Z Sales & Service		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 06/19/2017 MM/ DD/ YYYY	Drilling Date Completed 06/19/2017 MM /DD/ YYYY	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level 1062 feet MSL	Surface Elevation 1075 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of NE ¼ of Section 36, T 28 N, R 12 E			Local Grid Location N E Feet S Feet W	
Facility ID 459003930	County Shawano	County Code 59	Civil Town / City / Village Bowler	

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		
G-4-1 (3.5 feet)	48 24		2	Grass										
			4	0-4' Dark tan to brown silty/clayey very fine to medium grained sand with gravel	SM/SC			4.3		M			No petro odor	
G-4-2 (7 feet)	48 24		6	4-8' Brown very fine to medium grained silt/clay	ML/CL			4.4		M/W			No petro odor	
			8											
G-4-3 (9 feet)	48 12		10	8-12' Tan to dark tan very fine to medium grained sand with gravel	SP			3.4		M			No petro odor	
			12											
G-4-4 (13 feet)	48 24		14	12-15' Dark tan fine to coarse grained sand with gravel	SP			3.5		W			No petro odor	
			16	15-16' Tan very fine to fine grained sand to silty sand	SP/SM									
			18	EOB at 16 feet bgs. Groundwater sample G-4-W collected at 13-16 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**

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

Facility / Project Name		License / Permit / Monitoring Number		Boring Number
A to Z Sales & Service				G-5
Boring Drilled By: Name of crew chief (first, last) and Firm		Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice		06/19/2017	06/19/2017	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
			1062 feet MSL	1075 feet MSL
Local Grid Origin (estimated X) or Boring Location			Local Grid Location	
State Plane	N, E	Lat 44° 51' 46" N	N	E
NE ¼ of NE ¼ of Section 36, T 28 N, R 12 E		Long 88° 58' 54" W	Feet S	Feet W
Facility ID	County	County Code	Civil Town / City / Village	
459003930	Shawano	59	Bowler	

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					P 200	RQD / Comments
								PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index		
G-5-1 (3.5 feet)	48 24		2	Grass										
			4	0-4' Brown sandy (very fine to medium grained) silt/clay with trace gravel	ML/CL			1.9		M			No petro odor	
G-5-2 (7 feet)	48 30		6	4-8' Tan fine to very coarse grained sand with gravel	SP			2.5		M			No petro odor	
			8											
G-5-3 (9 feet)	48 36		10	8-16' Tan fine to medium grained sand with trace gravel	SP			4.1		M			No petro odor	
			12											
G-5-4 (13 feet)	48 24		14					2.4		W			No petro odor	
			16											
			18	EOB at 16 feet bgs. Groundwater sample G-5-W collected at 13-16 feet. Borehole abandoned.										

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

Signature: *Matthew C. Miller*

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.

SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

Route To:

Watershed / Wastewater: _____
Remediation / Redevelopment:

Waste Management: _____
Other: _____

Facility / Project Name A to Z Sales & Service		License / Permit / Monitoring Number		Boring Number G-6
Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC		Drilling Date Started 06/19/2017 MM/DD/YYYY	Drilling Date Completed 06/19/2017 MM/DD/YYYY	Drilling Method Geoprobe
WI-Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation 1075 feet MSL
Local Grid Origin (estimated X) or Boring Location			Borehole Diameter 2 inches	
State Plane N, E	Lat 44° 51' 46" N	Local Grid Location		N E
NE ¼ of NE ¼ of Section 36, T 28 N, R 12 E		Long 88° 58' 54" W		Feet S Feet W
Facility ID 459003930	County Shawano	County Code 59	Civil Town / City / Village Bowler	

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			
G-6-1 (3.5 feet)	48 12		2	Grass												
			4	0-4' Brown to dark tan sandy (fine to coarse grained) silt/clay with trace gravel	ML/CL			4.9		M				No petro odor		
G-6-2 (7 feet)	48 24		6	4-11' Tan fine to coarse grained sand with gravel	SP											
			8													
G-6-3 (11 feet)	36 36		10	EOB at 11 feet bgs. Refusal at 11' Granite Bedrock. Borehole abandoned.												
			12													
			14													
			16													
			18													


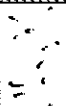
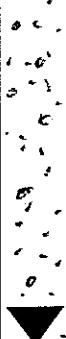


I hereby certify that the information on this form is true and correct to the best of my knowledge

Signature: *Matt C. Wilford*

Firm: **METCO**

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

Facility / Project Name A to Z Sales & Service		License / Permit / Monitoring Number		Boring Number G-7
Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC		Drilling Date Started 06/19/2017 MM/DD/YYYY	Drilling Date Completed 06/19/2017 MM/DD/YYYY	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level 1063.5 feet MSL	Surface Elevation 1075 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of NE ¼ of Section 36, T 28 N, R 12 E			Local Grid Location N E Feet S Feet W	
Facility ID 459003930	County Shawano	County Code 59	Civil Town / City / Village Bowler	

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
			0	Grass										
G-7-1 (3.5 feet)	48 36		2	0-2' Brown sandy (very fine to very coarse grained) silt/clay with gravel	MU/CL			4.3		M				No petro odor
G-7-2 (7 feet)	48 36		4	2-8' Tan very fine to very coarse grained sand with gravel	SP			4.0		M				No petro odor
G-7-3 (8 feet)	48 24		8					3.9		M			No petro odor	
G-7-4 (13 feet)	48 18		10	8-12' Tan fine to medium grading to fine to coarse grained sand with trace gravel	SP			3.7		M/W			No petro odor	
			12	12-16' Tan fine to medium grained sand with trace gravel	SP									
			16					EOB at 16 feet bgs. Groundwater sample G-7-W collected at 11-16 feet. Borehole abandoned.						
			18											

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

Facility / Project Name A to Z Sales & Service		License / Permit / Monitoring Number		Boring Number G-8
Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC		Drilling Date Started 06/19/2017 MM/DD/YYYY	Drilling Date Completed 06/19/2017 MM/DD/YYYY	Drilling Method Geoprobe
WI Unique Well No.	DNR-Well ID No.	Well Name	Final Static Water Level 1065 feet MSL	Surface Elevation 1075 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of NE ¼ of Section 36, T 28 N, R 12 E			Local Grid Location N E Feet S Feet W	
Facility ID 459003930	County Shawano	County Code 59	Civil Town / City / Village Bowler	

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-8-1 (3.5 feet)	48 24		2	Grass										
			4	0-4' Brown to dark tansandy (very fine to medium grained) silt/clay with gravel	MUCL			4.1		M				No petro odor
G-8-2 (7 feet)	48 24		6	4-10' Dark tan very fine to medium grained silty/clayey sand	SM/SC			4.8		MW				No petro odor
			8											
G-8-3 (10 feet)	48 24		10	10-12' Tan fine to coarse grained sand	SP			7.9		MW				No petro odor
			12	EOB at 12 feet bgs. Groundwater sample G-8-W collected at 10-12 feet. Borehole abandoned.										

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

Signature: *Mattie C. Wilder*

Firm: **METCO**

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

Facility / Project Name A to Z Sales & Service		License / Permit / Monitoring Number		Boring Number G-9
Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC		Drilling Date Started 06/19/2017 MM/ DD/ YYYY	Drilling Date Completed 06/19/2017 MM/ DD/ YYYY	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level 1065 feet MSL	Surface Elevation 1075 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE 1/4 of NE 1/4 of Section 36, T 28 N, R 12 E			Local Grid Location N E Feet S Feet W	
Facility ID 459003930	County Shawano	County Code 59	Civil Town / City / Village Bowler	

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						RQD / Comments		
								PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
G-9-1 (3.5 feet)	48 24		0-2	Grass												
			2-4	0-3' Brown sandy (fine to medium grained) silt/clay with gravel	ML/CL			3.0		M			No petro odor			
G-9-2 (7 feet)	48 3		4-6													
			6-8	3-8' Brown fine to coarse grained silty/clayey sand with gravel	SM/SC			2.5		M			No petro odor			
G-9-3 (10 feet)	48 36		8-10													
			10-12	8-12' Tan fine to coarse grained sand	SP			24.1		MW			Petro odor from 10-12 feet			
			12-18	EOB at 12 feet bgs. Groundwater sample G-9-W collected at 10-12 feet. Borehole abandoned.												

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

Signature: *Melissa C. ...*

Firm: **METCO**

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

Facility / Project Name A to Z Sales & Service		License / Permit / Monitoring Number		Boring Number G-10
Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC		Drilling Date Started 06/19/2017 MM/ DD/ YYYY	Drilling Date Completed 06/19/2017 MM/ DD/ YYYY	Drilling Method Geoprobe
WI Unique Well No. - DNR Well ID No.	Well Name	Final Static Water Level 1065 feet MSL	Surface Elevation 1075 feet MSL	Borehole Diameter 2 inches
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of NE ¼ of Section 36, T 28 N, R 12 E		Local Grid Location Lat 44° 51' 46" N Long 88° 58' 54" W		Feet S Feet W
Facility ID 459003930	County Shawano	County Code 59	Civil Town / City / Village Bowler	

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-10-1 (3.5 feet)	48 24		2	Gravel 0-1.5' Brown to dark tan fine to coarse grained silty/clayey sand with gravel	SM/SC									
			4	1.5-3.5' Dark tan silt/clay	ML/CL			4.4		M			Petro odor from 1-2 feet	
			6	3.5-4' Dark tan very fine to fine grained sand with gravel	SP									
G-10-2 (7 feet)	48 18		8	4-8' Tan to dark tan very fine to coarse grained sand with gravel	SP			3.0		M			No petro odor	
			10	8-12' Tan to dark tan very fine to medium grained sand with trace gravel	SP			4.7		M/W			No petro odor	
G-10-3 (10 feet)	48 12		12	EOB at 12 feet bgs. Groundwater sample G-10-W collected at 10-12 feet. Borehole abandoned.										
			14											
			16											

I hereby certify that the information on this form is true and correct to the best of my knowledge
Signature: *Matthew C. [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 A to Z Sales & Service		License / Permit / Monitoring Number		Boring Number G-11
Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC		Drilling Date Started 06/19/2017 MM/DD/YYYY	Drilling Date Completed 06/19/2017 MM/DD/YYYY	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level 1065 feet MSL	Surface Elevation 1075 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of NE ¼ of Section 36, T 28 N, R 12 E			Local Grid Location N E Feet S Feet W	
Facility ID 459003930	County Shawano	County Code 59	Civil Town / City / Village Bowler	

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					P 200	RQD / Comments
								PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index		
G-11-1 (3.5 feet)	48 24		2	Gravel				16.7		M				Slight petro odor from 2-4 feet
			4	0-3' Dark tan silty/clayey very fine to medium grained sand	SM/SC									
G-11-2 (7 feet)	48 24		6	3-7' Tan very fine to fine grained sand	SP			1.9	M/W					No petro odor
			8											
G-11-3 (10 feet)	48 24		10	7-11' Tan fine to very coarse grained sand	SP			933	W					Petro odor from 10-12 feet
			12											
			12	11-12' Light brown to black to dark tan very fine to fine grained silty sand	SM									
			14	EOB at 12 feet bgs. Groundwater sample G-11-W collected at 10-12 feet. Borehole abandoned.										




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

Signature: *[Handwritten Signature]*

Firm: **METCO**

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

Facility / Project Name A to Z Sales & Service		License / Permit / Monitoring Number		Boring Number G-12
Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC		Drilling Date Started 06/19/2017 MM/DD/YYYY	Drilling Date Completed 06/19/2017 MM/DD/YYYY	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level 1065 feet MSL	Surface Elevation 1075 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of NE ¼ of Section 36, T 28 N, R 12 E			Local Grid Location N E Feet S Feet W	
Facility ID 459003930	County Shawano	County Code 59	Civil Town / City / Village Bowler	

Sample				Soil Properties										
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	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
G-12-1 (3.5 feet)	48 24		2	Grass										
			4	0-4' Brown sandy (very fine to medium grained) silt/clay	MUCL		4.7		M					No petro odor
G-12-2 (7 feet)	48 36		6	4-6.5' Dark tan very fine to fine grained sand	SP									
			8	6.5-8' Tan fine to coarse grained sand	SP		3.8		M					No petro odor
G-12-3 (10 feet)	48 24		10	8-12' Tan to dark tan very fine to medium grained sand	SP									
			12	EOB at 12 feet bgs. Groundwater sample G-12-W collected at 10-12 feet. Borehole abandoned.			3.8		MW					No petro odor

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

Signature: *Matthew C. [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.

SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

Route To:

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

Waste Management:
Other:

Facility / Project Name A to Z Sales & Service		License / Permit / Monitoring Number		Boring Number G-13
Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC		Drilling Date Started 06/19/2017 MM/DD/YYYY	Drilling Date Completed 06/19/2017 MM/DD/YYYY	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level 1065 feet MSL	Surface Elevation 1075 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE 1/4 of NE 1/4 of Section 36, T 28 N, R 12 E			Local Grid Location N E Feet S Feet W	
Facility ID 459003930	County Shawano	County Code 59	Civil Town / City / Village Bowler	

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
			0	Grass										
G-13-1 (3.5 feet)	48 24		2	0-4' Brown to dark tan sandy (fine to coarse grained) silt/clay with gravel	MU/CL			1.9		M				No petro odor
G-13-2 (6 feet)	48 36		4					2.0		M				No petro odor
G-13-3 (9 feet)	48 48		8	4-12' Tan fine to coarse grained sand with trace gravel	SP			4.6		M				No petro odor
G-13-4 (13 feet)	48 48		12					3.1		W				No petro odor
			14	12-16' Tan very fine to medium grained sand	SP									
			16	EOB at 16 feet bgs. Groundwater sample G-13-W collected at 13-16 feet. Borehole abandoned.										
			18											

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

Signature: *Matthew C. [Signature]*

Firm: **METCO**

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

Facility / Project Name A to Z Sales & Service		License / Permit / Monitoring Number		Boring Number G-14
Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC		Drilling Date Started 06/19/2017 MM/DD/YYYY	Drilling Date Completed 06/19/2017 MM/DD/YYYY	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level 1061 feet MSL	Surface Elevation 1075 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of NE ¼ of Section 36, T 28 N, R 12 E			Local Grid Location Lat 44° 51' 46" N Long 88° 58' 54" W Feet S Feet W	
Facility ID 459003930	County Shawano	County Code 59	Civil Town / City / Village Bowler	

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					P 200	RQD / Comments
								PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index		
G-14-1 (3.5 feet)	48 24		2	Grass										
			2-4'	0-2' Brown silty/clayey fine to coarse grained sand	SM/SC									
G-14-2 (7 feet)	48 24		4	2-4' Dark tan sandy (very fine to medium grained) silt/clay with gravel	ML/CL			5.6		M				No petro odor
			6	4-8' Dark tan to tan silty/clayey fine to coarse grained sand with trace gravel	SM/SC			4.8		M				No petro odor
G-14-3 (10 feet)	48 24		8	8-10' Dark tan to tan silty/clayey fine to coarse grained sand with gravel	SM/SC			2.1		M				No petro odor
			10	10-12' Tan very fine to very coarse grained sand with gravel	SP									
G-14-4 (14 feet)	48 36		14	12-16' Tan very fine to fine grained sand	SP			3.5		MW				No petro odor
			16	EOB at 16 feet bgs. Groundwater sample G-14-W collected at 14-16 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**

Route To:

Watershed / Wastewater:
Remediation / Redevelopment:

Waste Management:
Other:

Facility / Project Name A to Z Sales & Service		License / Permit / Monitoring Number		Boring Number G-15
Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC		Drilling Date Started 06/20/2017 MM/DD/YYYY	Drilling Date Completed 06/20/2017 MM/DD/YYYY	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level 1063 feet MSL	Surface Elevation 1075 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of NE ¼ of Section 36, T 28 N, R 12 E			Local Grid Location N E Feet S Feet W	
Facility ID 459003930		County Shawano	County Code 59	Civil Town / City / Village Bowler

Number & Type	Length Alt. & 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	
G-15-1 (3.5 feet)	48 24		2	Grass										
				0-2' Brown sandy (fine to medium grained) silt/clay	ML/CL									
G-15-2 (7 feet)	48 24		4	2-4' Dark tan fine to coarse grained silty/clayey sand with trace gravel	SM/SC			2.6		M				No petro odor
				4-8' Tan to dark tan very fine to coarse grained sand	SP									
G-15-3 (9 feet)	48 24		6	7' - 4" Tan very fine to fine grained silty sand	SM			1.4		MW				No petro odor
				8-12' Dark tan to tan very fine to medium grained sand	SP									
G-15-4 (13 feet)	48 18		10	12-16' Tan to dark tan very fine to coarse grained sand	SP			2.2		M				No petro odor
				12-16' Tan to dark tan very fine to coarse grained sand	SP									
			12	EOB at 16 feet bgs. Groundwater sample G-15-W collected at 13-16 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**

SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

Route To:

Watershed / Wastewater:
Remediation / Redevelopment:

Waste Management:
Other:

Facility / Project Name A to Z Sales & Service		License / Permit / Monitoring Number		Boring Number G-16
Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC		Drilling Date Started 06/20/2017 MM/ DD/ YYYY	Drilling Date Completed 06/20/2017 MM /DD/ YYYY	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level 1062 feet MSL	Surface Elevation 1075 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of NE ¼ of Section 36, T 28 N, R 12 E			Local Grid Location N E Feet S Feet W	
Facility ID 459003930	County Shawano	County Code 59	Civil Town / City / Village Bowler	

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						RQD / Comments
								PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
G-16-1 (3.5 feet)	48 24		0-2.5'	Grass Brown to dark tan sandy (fine to medium grained) silt/clay	ML/CL									
			2.5-4'	Dark tan very fine to fine grained sand to silty sand with trace gravel	SP/SM			3.4		M			No petro odor	
G-16-2 (7 feet)	48 24		4-8'	Dark tan very fine to medium grained sand	SP			2.8		M			No petro odor	
G-16-3 (10 feet)	48 24		8-12'	Dark tan to tan very fine to medium grained sand grading to very fine to fine grained sand	SP			3.3		W			No petro odor	
				EOB at 12 feet bgs. Groundwater sample G-16-W collected at 10-12 feet. Borehole abandoned.										

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

Signature: *Matthew C. Mitchell*

Firm: **METCO**

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

Facility / Project Name A to Z Sales & Service		License / Permit / Monitoring Number		Boring Number G-17
Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC		Drilling Date Started 06/20/2017 MM/ DD/ YYYY	Drilling Date Completed 06/20/2017 MM /DD/ YYYY	Drilling Method Geoprobe
WI Unique Well No. / DNR Well ID No.	Well Name	Final Static Water Level 1065.5 feet MSL	Surface Elevation 1075 feet MSL	Borehole Diameter 2 inches
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of NE ¼ of Section 36, T 28 N, R 12 E		Local Grid Location Lat 44° 51' 46" N Long 88° 58' 54" W N E Feet S Feet W		
Facility ID 459003930	County Shawano	County Code 59	Civil Town / City / Village Bowler	

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		
G-17-1 (3.5 feet)	48 30		2	Grass										
			4	0-4' Brown to dark tan sandy (fine to medium grained) silt/clay	ML/CL		4.7		M				No petro odor	
G-17-2 (5 feet)	48 20		6	4-8' Dark tan fine to medium grained sand to silty sand	SP/SM			6.4		M				No petro odor
			8											
G-17-3 (9.5 feet)	48 36		10	8-12' Tan very fine to fine grained sand grading to fine to coarse grained sand	SP			9.5		W				No petro odor
			12	EOB at 12 feet bgs. Groundwater sample G-17-W collected at 9.5-12 feet. Borehole abandoned.										

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

Signature: *Matthew C. ...*

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: _____

Facility / Project Name A to Z Sales & Service		License / Permit / Monitoring Number		Boring Number G-18
Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC		Drilling Date Started 06/20/2017 MM/DD/YYYY	Drilling Date Completed 06/20/2017 MM/DD/YYYY	Drilling Method Geoprobe
Well Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level 1065 feet MSL	Surface Elevation 1075 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of NE ¼ of Section 36, T 28 N, R 12 E			Local Grid Location N E Feet S Feet W	
Facility ID 459003930	County Shawano	County Code 59	Civil Town / City / Village Bowler	

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					P 200	RQD / Comments
								PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index		
G-18-1 (3.5 feet)	48 24		0-2	Grass										
			2-4	0-3' Brown to dark tan sandy (fine to medium grained) silt/clay	ML/CL			12.1		M			No petro odor	
G-18-2 (7 feet)	48 24		4-6	3-5' Tan fine to medium grained sand	SP			33		M			Slight petro odor from 6-8 feet	
			6-10	5-12' Tan fine to very coarse grained sand with gravel	SP			46		M		Slight petro odor		
G-18-3 (10 feet)	48 24		10-12	EOB at 12 feet bgs. Groundwater sample G-18-W collected at 10-12 feet. Borehole abandoned.										

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

Signature: *[Handwritten Signature]*

Firm: **METCO**

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

Facility / Project Name		License / Permit / Monitoring Number		Boring Number
A to Z Sales & Service				G-19
Boring Drilled By: Name of crew chief (first, last) and Firm		Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice		06/20/2017	06/20/2017	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
			1065.5 feet MSL	1075 feet MSL
Local Grid Origin (estimated X) or Boring Location			Borehole Diameter:	
State Plane N, E			2 inches	
Lat 44° 51' 46" N		Local Grid Location		
Long 88° 58' 54" W		N E		
NE ¼ of NE ¼ of Section 36, T 28 N, R 12 E		Feet S Feet W		
Facility ID	County	County Code	Civil Town / City / Village	
459003930	Shawano	59	Bowler	

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-19-1 (3.5 feet)	48 24		2	Grass										
			4	0-4' Brown to dark tan sandy (fine to medium grained) silt/clay	ML/CL						M			No petro odor
G-19-2 (6 feet)	48 24		6	4-6' Dark tan to black very fine to fine grained sand to silty sand	SP/SM			410		M				Petro odor 5-8 feet Staining 5-6 feet
			8	6-12' Tan fine to coarse grained sand	SP									
G-19-3 (10 feet)	48 24		10					88		MW				Slight petro odor
			12	EOB at 12 feet bgs. Groundwater sample G-19-W collected at 10-12 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**

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

Facility / Project Name A to Z Sales & Service		License / Permit / Monitoring Number		Boring Number G-20
Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC		Drilling Date Started 06/20/2017 MM/DD/YYYY	Drilling Date Completed 06/20/2017 MM/DD/YYYY	Drilling Method Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level 1065.5 feet MSL	Surface Elevation 1075 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of NE ¼ of Section 36, T 28 N, R 12 E		Local Grid Location Lat 44° 51' 46" N Long 88° 58' 54" W		Borehole Diameter 2 inches
Facility ID 459003930	County Shawano	County Code 59	Civil Town / City / Village Bowler	

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						P 200	RQD / Comments
								PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index			
G-20-1 (3.5 feet)	48 24		2	Grass											
			2.5-4'	0-2.5' Brown sandy (fine to medium grained) silt/clay	ML/CL										
G-20-2 (6 feet)	48 6		4	2.5-4' Tan very fine to fine grained sand to silty sand	SP/SM						M				No petro odor
			6	4-8' Tan fine to medium grained sand	SP							M			Petro odor from 6-8 feet
G-20-3 (10 feet)	48 36		10	8-12' Tan fine to coarse grained sand with gravel	SP						M/W				Petro odor
			12	EOB at 12 feet bgs. Groundwater sample G-20-W collected at 10-12 feet. Borehole abandoned.											

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

Signature: *Matt Crabb*

Firm: **METCO**

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

Facility / Project Name A to Z Sales & Service		License / Permit / Monitoring Number		Boring Number G-21
Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC		Drilling Date Started 06/20/2017 MM/DD/YYYY	Drilling Date Completed 06/20/2017 MM/DD/YYYY	Drilling Method Geoprobe
WI Unique Well No. : DNR Well ID No.	Well Name	Final Static Water Level 1065 feet MSL	Surface Elevation 1075 feet MSL	Borehole Diameter 2 inches
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of NE ¼ of Section 36, T 28 N, R 12 E		Local Grid Location Lat 44° 51' 46" N Long 88° 58' 54" W N E Feet S Feet W		
Facility ID 459003930	County Shawano	County Code 59	Civil Town / City / Village Bowler	

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						P 200	RQD / Comments
								PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index			
G-21-1 (3.5 feet)	48 24		0	Grass											
			2	0-2' Brown sandy (fine to medium grained) silt/clay	ML/CL										
G-21-2 (6 feet)	48 24		4	2-7' Tan very fine to fine grained sand to silty sand	SP/SM										No petro odor
			6												No petro odor
G-21-3 (10 feet)	48 24		8	7-8' Tan fine to coarse grained sand with trace gravel	SP										No petro odor
			10	8-12' Tan fine to coarse grained sand with trace gravel	SP										No petro odor
			12	EOB at 12 feet bgs. Borehole abandoned.											

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

Signature: *Matthew C. Prentice*

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 A to Z Sales & Service		License / Permit / Monitoring Number		Boring Number MW-1
Boring Drilled By: Name of crew chief (first, last) and Firm First: Robert Last: Rector Firm: Soils & Engineering Services, Inc.		Drilling Date Started 10/24/2017 MM/DD/YYYY	Drilling Date Completed 10/24/2017 MM/DD/YYYY	Drilling Method H.S.A.
WI Unique Well No. WA100	DNR Well ID No. MW-1	Well Name MW-1	Final Static Water Level 1063 feet MSL	Surface Elevation 1075 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of NE ¼ of Section 36, T 28 N, R 12 E		Local Grid Location Lat 44° 51' 46" N Long 88° 58' 54" W N E Feet S Feet W		
Facility ID 459003930	County Shawano	County Code 59	Civil Town / City / Village Bowler	

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			
MW-1-1 (3.5 feet)	24 18	3,2 3,2	3 6	Tan to gray very fine to medium grained sand	SP			1247		M					Petro odor and staining
MW-1-2 (8 feet)	24 18	10,5 5,6	9	Light gray fine to coarse grained sand with gravel	SP			1199		M					Petro odor
MW-1-3 (12 feet)	24 16	3,4 5,5	12	Tan very fine to medium grained sand	SP			3088		MW					Petro odor
MW-1-4 (14-16 feet)	24 0	4,4 3,4	15 18 21 24 27	No Recovery EOB at 18 feet bgs. Monitoring well MW-1 was installed 17 feet 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:

Firm: **METCO**

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

Facility / Project Name A to Z Sales & Service		License / Permit / Monitoring Number		Boring Number MW-2
Boring Drilled By: Name of crew chief (first, last) and Firm First: Robert Last: Rector Firm: Soils & Engineering Services, Inc.		Drilling Date Started 10/24/2017 MM/DD/YYYY	Drilling Date Completed 10/24/2017 MM/DD/YYYY	Drilling Method H.S.A.
WI Unique Well No. WA101	DNR Well ID No. MW-2	Well Name MW-2	Final Static Water Level 1062 feet MSL	Surface Elevation 1075 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of NE ¼ of Section 36, T 28 N, R 12 E		Local Grid Location Lat 44° 51' 46" N Long 88° 58' 54" W		Local Grid Location N E Feet S Feet W
Facility ID 459003930	County Shawano	County Code 59	Civil Town / City / Village Bowler	

Number & Type	Sample			Soil / Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Soil Properties						P 200	RQD / Comments
	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)					PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index			
MW-2-1 (3.5 feet)	24 16	4,5 6,7	3 6	Tan fine to coarse grained sand w/ gravel	SP			2.2		M					No petro odor
MW-2-2 (8 feet)	24 18	2,4 4,7	9	Tan fine to coarse grained sand	SP			1.3		M					No petro odor
MW-2-3 (12 feet)	24	6,8 6,7	12	Tan very fine to coarse grained sand with gravel	SP			1.2		M					No petro odor
MW-2-4 (16 feet)	24	2,2 2,4	15 18	Tan to gray fine to coarse grained sand	SP			1954		W					Petro odor and staining
			21	EOB at 20 feet bgs. Monitoring well MW-2 was installed 19 feet 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:

Firm: **METCO**

Route To:

Watershed / Wastewater:
Remediation / Redevelopment:

Waste Management:
Other:

Facility / Project Name A to Z Sales & Service		License / Permit / Monitoring Number		Boring Number MW-3
Boring Drilled By: Name of crew chief (first, last) and Firm First: Robert Last: Rector		Drilling Date Started 10/23/2017	Drilling Date Completed 10/24/2017	Drilling Method H.S.A.
Firm: Soils & Engineering Services, Inc.		MM/DD/YYYY	MM/DD/YYYY	
WI Unique Well No. WA102	DNR Well ID No. MW-3	Well Name MW-3	Final Static Water Level 1060.25 feet MSL	Surface Elevation 1075 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E		Local Grid Location Lat 44° 51' 46" N		Long 88° 58' 54" W
NE ¼ of NE ¼ of Section 36, T 28 N, R 12 E		Feet S		Feet W
Facility ID 459003930	County Shawano	County Code 59	Civil Town / City / Village Bowler	

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	USCS	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 12	4,1 1,3	3	Brown silty sand with gravel	SM			1.5		M				No petro odor
MW-3-2 (8 feet)	24 18	2,1 1,2	6	Tan very fine to coarse grained sand with gravel	SP			1.7		M				No petro odor
MW-3-3 (12 feet)	24 18	2,1 1,3	9	Tan very fine to coarse grained sand with gravel	SP			1.7		M				No petro odor
MW-3-4 (16 feet)	24 20	4,4 4,5	15	Tan very fine to coarse grained sand	SP			127		W				Petro odor from 15-16'
			21	EOB at 20 feet bgs. Monitoring well MW-3 was installed 19 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: Waste Management:
Remediation / Redevelopment: Other: _____

Facility / Project Name A to Z Sales & Service		License / Permit / Monitoring Number		Boring Number MW-4
Boring Drilled By: Name of crew chief (first, last) and Firm First: Robert Last: Rector Firm: Soils & Engineering Services, Inc.		Drilling Date Started 10/23/2017 MM/DD/YYYY	Drilling Date Completed 10/23/2017 MM/DD/YYYY	Drilling Method H.S.A.
WI Unique Well No. WA103	DNR Well ID No.	Well Name MW-4	Final Static Water Level 1062.5 feet MSL	Surface Elevation 1075 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of NE ¼ of Section 36, T 28 N, R 12 E		Local Grid Location Lat 44° 51' 46" N Long 88° 58' 54" W Feet S Feet W		
Facility ID 459003930	County Shawano	County Code 59	Civil Town / City / Village Bowler	

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
MW-4-1 (3.5 feet)	24 18	4,5 5,4	3 6	Tan very fine to medium grained sand	SP			1.1		M				No petro odor
MW-4-2 (8 feet)	24 18	5,2 2,4	9	Tan very fine to coarse grained sand with gravel	SP			0.8		M				No petro odor
MW-4-3 (12 feet)	24 12	5,5 4,4	12	Tan very fine to coarse grained sand with gravel	SP			2.0		M/W				No petro odor
MW-4-4 (16 feet)	24 12	2,1 1,4	15 18	Tan very fine to coarse grained sand	SP			1.4		W				No petro odor
				EOB at 18 feet bgs. Monitoring well MW-4 was installed 17 feet 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:

Firm: **METCO**

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

Facility / Project Name		License / Permit / Monitoring Number		Boring Number	
A to Z Sales & Service				MW-5	
Boring Drilled By: Name of crew chief (first, last) and Firm		Drilling Date Started		Drilling Date Completed	
First: Robert Last: Rector		10/23/2017		10/23/2017	
Firm: Soils & Engineering Services, Inc.		MM/DD/YYYY		MM/DD/YYYY	
Final Static Water Level		Surface Elevation		Borehole Diameter	
1065 feet MSL		1075 feet MSL		8"	
Local Grid Origin (estimated X) or Boring Location		Local Grid Location			
State Plane N, E		Lat 44° 51' 46" N		N E	
NE ¼ of NE ¼ of Section 36, T 28 N, R 12 E		Long 88° 58' 54" W		Feet S Feet W	
Facility ID		County		County Code	
459003930		Shawano		59	
		Civil Town / City / Village		Bowler	

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					P 200	RQD / Comments
								PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index		
MW-5-1 (3.5 feet)	24 12	2,2 3,4	3	Tan fine to coarse grained sand with gravel	SP			1.5		Dry				No petro odor
MW-5-2 (8 feet)	24 18	3,2 2,3	6	Tan fine to coarse grained sand	SP			1.5		M				No petro odor
MW-5-3 (12 feet)	24 18	3,3 1,1	9	Tan very fine to fine grained sand	SP			2.1		W				No petro odor
MW-5-4 (16 feet)	24 18	1,1 1,1	12	Tan very fine to coarse grained sand	SP			1.6		W				No petro odor
			15											
			18	EOB at 17 feet bgs. Monitoring well MW-5 was installed 16 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**

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

Facility / Project Name A to Z Sales & Service		License / Permit / Monitoring Number		Boring Number MW-6
Boring Drilled By: Name of crew chief (first, last) and Firm First: Robert Last: Rector Firm: Soils & Engineering Services, Inc.		Drilling Date Started 10/23/2017 MM/DD/YYYY	Drilling Date Completed 10/23/2017 MM/DD/YYYY	Drilling Method H.S.A.
WI Unique Well No. WA105	DNR Well ID No.	Well Name MW-6	Final Static Water Level 1062 feet MSL	Surface Elevation 1075 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of NE ¼ of Section 36, T 28 N, R 12 E		Local Grid Location Lat 44° 51' 46" N Long 88° 58' 54" W N E Feet S Feet W		
Facility ID 459003930	County Shawano	County Code 59	Civil Town / City / <u>Village</u> Bowler	

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
MW-6-1 (3.5 feet)	24 18	5,4 4,2	3 4.2	Tan very fine to coarse grained sand with gravel	SP			1.1		Dry				No petro odor
MW-6-2 (8 feet)	24 18	2,2 4,4	6 4.4	Light tan very fine to coarse grained sand	SP			1.4		M				No petro odor
MW-6-3 (12 feet)	24 16	3,2 3,3	9 3.3	Light tan very fine to coarse grained sand	SP			1.6		M				No petro odor
MW-6-4 (14-16 feet)	24 12	2,2 2,3	15 2.3	Light tan very fine to coarse grained sand	SP			2.0		W				No petro odor
MW-6-5 (18-20 feet)	24	2,2 4,8	18 4.8	Light tan very fine to coarse grained sand	SP			1.8		W				No petro odor
				EOB at 20 feet bgs. Monitoring well MW-3 was installed 19 feet 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:

Firm: **METCO**

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 SHAWANO		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name A to Z Sales & Service	
Latitude / Longitude (Degrees and Minutes) 44 ° 51.76 ' N		Method Code (see instructions) _____		Facility ID (FID or PWS) 459003930		License/Permit/Monitoring # _____	
88 ° 58.9 ' W		Section 36		Township 28 N		Range 12 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Original Well Owner Kerry Breitick		Present Well Owner Kerry Breitick		Mailing Address of Present Owner 107 West Main Street		City of Present Owner Bowler	
Well Street Address 100 W MAIN ST		Well City, Village or Town Bowler		Well ZIP Code 54416-		State WI	
Subdivision Name _____		Lot # _____		ZIP Code 54416-		City of Present Owner Bowler	

Reason For Removal From Service Sampling Complete		WI Unique Well # of Replacement Well _____		4. Pump, Liner, Screen, Casing & Sealing Material			
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) 6/20/2017		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		Construction Type:		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)		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		<input type="checkbox"/> Dug		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		Did sealing material rise to surface?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input type="checkbox"/> Bedrock		Total Well Depth From Ground Surface (ft.) 12		Did material settle after 24 hours?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Casing Diameter (in.) 12		Casing Depth (ft.) 2		If yes, was hole retopped?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) 2		Was well annular space grouted?		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"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet) 10		Required Method of Placing Sealing Material			
If yes, to what depth (feet)? _____		_____		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			

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"/> Concrete		<input type="checkbox"/> Bentonite-Sand Slurry " "	
<input type="checkbox"/> Bentonite Chips		<input type="checkbox"/> Bentonite - Cement Grout		<input type="checkbox"/> Bentonite - Sand Slurry	
<input type="checkbox"/> Granular Bentonite		For Monitoring Wells and Monitoring Well Boreholes Only:		<input checked="" type="checkbox"/> Bentonite Chips	
_____		_____		<input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	Pounds
Medium Bentonite Chips	Surface	12	18

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

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew Michalski/METCO		License # _____	Date of Filling & Sealing (mm/dd/yyyy) 6/20/2017	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 Michalski</i>	Date Signed 7/27/17	

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 SHAWANO		WI Unique Well # of Removed Well	Hexap #	Facility Name A to Z Sales & Service		Facility ID (FID or PWS) 459003930	
Latitude / Longitude (Degrees and Minutes) 44 ° 51.76 ' N		Method Code (see instructions)		License/Permit/Monitoring #		Original Well Owner Kerry Breitick	
88 ° 58.9 ' W				Present Well Owner Kerry Breitick		Mailing Address of Present Owner 107 West Main Street	
1/4 NE	1/4 NE	Section 36	Township 28 N	Range 12 E	City of Present Owner Bowler		
or Gov't Lot #				State WI		ZIP Code 54416-	
Well Street Address 100 W MAIN ST				Well ZIP Code 54416-			
Well City, Village or Town Bowler				Subdivision Name Lot #			

3. Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material			
Reason For Removal From Service Sampling Complete	WI Unique Well # of Replacement Well	Pump and piping removed?		<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Original Construction Date (mm/dd/yyyy) 6/19/2017		Liner(s) removed?		<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
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
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"/> Borehole / Drillhole		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.) 12		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		If yes, was hole retopped?		<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Casing Diameter (in.)		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 Depth (ft.)		Required Method of Placing Sealing Material			
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		<input type="checkbox"/> Conductor Pipe-Gravty <input type="checkbox"/> Conductor Pipe-Pumped			
If yes, to what depth (feet)? 10		Depth to Water (feet) 10			
		<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.)	Pounds
Medium Bentonite Chips		Surface	12	18

6. Comments

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

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew Michalski/METCO	License #	Date of Filling & Sealing (mm/dd/yyyy) 6/19/2017	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 7/27/17	

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 SHAWANO		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name A to Z Sales & Service	
Latitude / Longitude (Degrees and Minutes) 44 ° 51.76 ' N		Method Code (see instructions) _____		Facility ID (FID or PWS) 459003930		License/Permit/Monitoring # _____	
88 ° 58.9 ' W		Section 36		Township 28 N		Range 12	
1/4 NE or Gov't Lot #		36		28 N		12 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address 100 W MAIN ST				Original Well Owner Kerry Breitick			
Well City, Village or Town Bowler				Present Well Owner Kerry Breitick			
Subdivision Name				Well ZIP Code 54416-			
Well ZIP Code				Mailing Address of Present Owner 107 West Main Street			
City of Present Owner Bowler				State WI		ZIP Code 54416-	

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) 6/20/2017		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 <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				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	
				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	
Formation Type:				Required Method of Placing Sealing Material			
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
Total Well Depth From Ground Surface (ft.) 16		Casing Diameter (in.)		<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): Gravity			
Lower Drillhole Diameter (in.) 2		Casing Depth (ft.)		Sealing Materials			
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)			
If yes, to what depth (feet)?		Depth to Water (feet) 13		<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
Medium Bentonite Chips	Surface	16	24		

6. Comments

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

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew Michalski/METCO		License # _____	Date of Filling & Sealing (mm/dd/yyyy) 6/20/2017	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 7/27/17

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 SHAWANO	WI Unique Well # of Removed Well	Hicap #	Facility Name A to Z Sales & Service		
Latitude / Longitude (Degrees and Minutes) 44 ° 51.76 ' N		Method Code (see instructions)	Facility ID (FID or PWS) 459003930		
88 ° 58.9 ' W			License/Permit/Monitoring #		
1/4 NE 1/4 NE	Section 36	Township 28 N	Range 12	Original Well Owner Kerry Breitick	
or Gov't Lot #			<input checked="" type="checkbox"/> E <input type="checkbox"/> W	Present Well Owner Kerry Breitick	
Well Street Address 100 W MAIN ST			Mailing Address of Present Owner 107 West Main Street		
Well City, Village or Town Bowler			Well ZIP Code 54416-		
Subdivision Name			City of Present Owner Bowler		
			State WI		
			ZIP Code 54416-		

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) 6/19/2017	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) <input type="checkbox"/> Dug		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 <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.) 16	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) 13	<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.)	Pounds
Medium Bentonite Chips	Surface	16	24

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

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew Michalski/METCO	License #	Date of Filling & Sealing (mm/dd/yyyy) 6/19/2017	Date Recalibrated	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 7-27-17

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	WI Unique Well # of Removed Well	Hicap #	Facility Name		
SHAWANO			A to Z Sales & Service		
Latitude / Longitude (Degrees and Minutes)	Method Code (see instructions)		Facility ID (FID or PWS)		
44 ° 51.76 ' N			459003930		
88 ° 58.9 ' W			License/Permit/Monitoring #		
1/4 NE 1/4 NE	Section	Township	Range	Original Well Owner	
or Gov't Lot #	36	28 N	12	Kerry Breitick	
Well Street Address			Present Well Owner		
100 W MAIN ST			Kerry Breitick		
Well City, Village or Town		Well ZIP Code			
Bowler		54416-			
Subdivision Name		Lot #		City of Present Owner	
				Bowler	
				State	ZIP Code
				WI	54416-

3. Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material			
Reason For Removal From Service	WI Unique Well # of Replacement Well	Pump and piping removed?		<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Sampling Complete		Liner(s) 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)	Screen removed?		<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Water Well	6/19/2017	Casing left in place?		<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.	Was casing cut off below surface?		<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Construction Type:		Did sealing material rise to surface?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> N/A
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)	<input type="checkbox"/> Dug	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.)		Casing Diameter (in.)		<input type="checkbox"/> Conductor Pipe-Gravity	
16				<input type="checkbox"/> Conductor Pipe-Pumped	
Lower Drillhole Diameter (in.)		Casing Depth (ft.)		<input type="checkbox"/> Screened & Poured (Bentonite Chips)	
2				<input checked="" type="checkbox"/> Other (Explain): Gravity	
Was well annular space grouted?		Depth to Water (feet)		Sealing Materials	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		13		<input type="checkbox"/> Neat Cement Grout	
If yes, to what depth (feet)?				<input type="checkbox"/> Sand-Cement (Concrete) Grout	
				<input type="checkbox"/> Concrete	
				<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)	
				<input type="checkbox"/> Bentonite-Sand Slurry " "	
				<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
Medium Bentonite Chips		Surface	16	24

6. Comments

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

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)	Date Received	Signed By	
Matthew Michalski/METCO		6/19/2017			
Street or Route	Telephone Number		Comments		
709 Gillette Street, Suite 3	(608) 781-8879				
City	State	ZIP Code	Signature of Person Doing Work		Date Signed
La Crosse	WI	54603-	<i>Matthew Michalski</i>		7/27/18

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	WI Unique Well # of Removed Well	Ficap #		Facility Name			
SHAWANO				A to Z Sales & Service			
Latitude / Longitude (Degrees and Minutes)		Method Code (see instructions)		Facility ID (FID or PWS)			
44 ° 51.76 ' N				459003930			
88 ° 58.9 ' W				License/Permit/Monitoring #			
				Original Well Owner			
				Kerry Breitick			
				Present Well Owner			
				Kerry Breitick			
				Mailing Address of Present Owner			
				107 West Main Street			
				City of Present Owner		State	ZIP Code
				Bowler		WI	54416-

Reason For Removal From Service	WI Unique Well # of Replacement Well	4. Pump, Liner, Screen, Casing & Sealing Material			
Sampling Complete		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 checked="" type="checkbox"/> N/A
		Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
		Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" 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 checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
3. Well / Drillhole / Borehole Information		Required Method of Placing Sealing Material			
<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy)	<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
<input type="checkbox"/> Water Well	6/19/2017	<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): Gravity			
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.	Sealing Materials			
Construction Type:		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)			
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug		<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " "			
<input checked="" type="checkbox"/> Other (specify): Geoprobe		<input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Chips			
Formation Type:		For Monitoring Wells and Monitoring Well Boreholes Only:			
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout			
Total Well Depth From Ground Surface (ft.)		<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			
11					
Casing Diameter (in.)					
Lower Drillhole Diameter (in.)					
2					
Casing Depth (ft.)					
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown					
If yes, to what depth (feet)?					
Depth to Water (feet)					

5. Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	Pounds
Medium Bentonite Chips	Surface	11	16.5

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

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)	Date Received	Noted By	
Matthew Michalski/METCO		6/19/2017			
Street or Route	Telephone Number		Comments		
709 Gillette Street, Suite 3	(608) 781-8879				
City	State	ZIP Code	Signature of Person Doing Work	Date Signed	
La Crosse	WI	54603-	<i>Matthew C. Michalski</i>	7-22-17	

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 SHAWANO		WI Unique Well # of Removed Well _____	Parcel # _____	Facility Name A to Z Sales & Service		Facility ID (FID or PWS) 459003930	
Latitude / Longitude (Degrees and Minutes) 44 ° 51.76 ' N 88 ° 58.9 ' W		Method Code (see instructions) _____		License/Permit/Monitoring # _____		Original Well Owner Kerry Breitick	
¼/¼ NE or Gov't Lot #	¼ NE	Section 36	Township 28 N	Range 12	<input checked="" type="checkbox"/> E <input type="checkbox"/> W	Present Well Owner Kerry Breitick	
Well Street Address 100 W MAIN ST				Mailing Address of Present Owner 107 West Main Street			
Well City, Village or Town Bowler				Well ZIP Code 54416-		City of Present Owner Bowler	
Subdivision Name _____				Lot # _____		State WI	
Reason For Removal From Service Sampling Complete				WI Unique Well # of Replacement Well _____		ZIP Code 54416-	

3. Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material			
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) 6/19/2017		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	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): Geoprobe		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		Casing left in place? <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		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" 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	
Total Well Depth From Ground Surface (ft.) 16		Casing Diameter (in.) _____		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	
Lower Drillhole Diameter (in.) 2		Casing Depth (ft.) _____		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			
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet) 11.5		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			
If yes, to what depth (feet)? _____		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
Medium Bentonite Chips	Surface	16	24

6. Comments
**Geoprobe boring G-7
Abandoned by Geiss Soil & Samples, LLC under METCO supervision.**

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew Michalski/METCO		License # _____	Date of Filling & Sealing (mm/dd/yyyy) 6/19/2017	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 7-27-17	

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 SHAWANO		WI Unique Well # of Removed Well	Map #	Facility Name A to Z Sales & Service		Facility ID (FID or PWS) 459003930	
Latitude / Longitude (Degrees and Minutes) 44 ° 51.76 ' N 88 ° 58.9 ' W		Method Code (see instructions)		License/Permit/Monitoring #		Original Well Owner Kerry Breitick	
1/4 NE	1/4 NE	Section 36	Township 28 N	Range 12 E	Present Well Owner Kerry Breitick		
Well Street Address 100 W MAIN ST				Mailing Address of Present Owner 107 West Main Street			
Well City, Village or Town Bowler				Well ZIP Code 54416-		City of Present Owner Bowler	
Subdivision Name				Lot #		State WI	
Reason For Removal From Service Sampling Complete				WI Unique Well # of Replacement Well		ZIP Code 54416-	

3. Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material			
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) 6/19/2017		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"/> Drilled		<input type="checkbox"/> Driven (Sandpoint)		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Was casing cut off below surface?	
<input checked="" type="checkbox"/> Other (specify): Geoprobe				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		Did sealing material rise to surface?	
Formation Type:				Did material settle after 24 hours?			
<input checked="" type="checkbox"/> Unconsolidated Formation		<input type="checkbox"/> Bedrock		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		If yes, was hole retopped?	
Total Well Depth From Ground Surface (ft.) 12		Casing Diameter (in.)		<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?	
Lower Drillhole Diameter (in.) 2		Casing Depth (ft.)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		Required Method of Placing Sealing Material	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
If yes, to what depth (feet)?		Depth to Water (feet) 10		<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.)	Pounds
Medium Bentonite Chips	Surface	12	18

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

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew Michalski/METCO		License #	Date of Filling & Sealing (mm/dd/yyyy) 6/19/2017	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 7-27-17	

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 SHAWANO		WI Unique Well # of Removed Well		Facility Name A to Z Sales & Service		Facility ID (FID or PWS) 459003930	
Latitude / Longitude (Degrees and Minutes) 44 ° 51.76 ' N		Method Code (see instructions)		License/Permit/Monitoring #			
88 ° 58.9 ' W				Original Well Owner Kerry Breitick			
1/4 1/4 NE or Gov't Lot #		Section 36	Township 28 N	Range 12	<input checked="" type="checkbox"/> E <input type="checkbox"/> W		
Well Street Address 100 W MAIN ST				Present Well Owner Kerry Breitick			
Well City, Village or Town Bowler				Mailing Address of Present Owner 107 West Main Street			
Subdivision Name				Well ZIP Code 54416-		City of Present Owner Bowler	
				State WI		ZIP Code 54416-	

Reason For Removal From Service		WI Unique Well # of Replacement Well		4. Pump, Liner, Screen, Casing & Sealing Material			
Sampling Complete				Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
3. Well / Drillhole / Borehole Information		Original Construction Date (mm/dd/yyyy) 6/19/2017		Liner(s) 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.		Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input type="checkbox"/> Water Well				Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input checked="" type="checkbox"/> Borehole / Drillhole				Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Construction Type:				Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
<input type="checkbox"/> Drilled		<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 relotted? <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.) 12		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				Sealing Materials			
If yes, to what depth (feet)?		Depth to Water (feet) 10		<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			

5. Material Used To Fill Well / Drillhole			
From (ft.)	To (ft.)	Pounds	
Surface	12	18	Medium Bentonite Chips

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

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew Michalski/METCO	License #	Date of Filling & Sealing (mm/dd/yyyy) 6/19/2017	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 7-27-17	

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 SHAWANO	WI Unique Well # of Removed Well _____	Hicap # _____	Facility Name A to Z Sales & Service		
Latitude / Longitude (Degrees and Minutes) 44 ° 51.76 ' N	Method Code (see instructions) _____		Facility ID (FID or PWS) 459003930		
88 ° 58.9 ' W			License/Permit/Monitoring # _____		
1/4 1/4 NE 1/4 NE	Section 36	Township 28 N	Range 12	Original Well Owner Kerry Breitick	
or Gov't Lot #				Present Well Owner Kerry Breitick	
Well Street Address 100 W MAIN ST			Mailing Address of Present Owner 107 West Main Street		
Well City, Village or Town Bowler			Well ZIP Code 54416-		
Subdivision Name			City of Present Owner Bowler		State WI
			ZIP Code 54416-		

3. Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material	
Reason For Removal From Service Sampling Complete	WI Unique Well # of Replacement Well _____	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) 6/19/2017	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	Depth to Water (feet) 10	<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.)	Pounds
Medium Bentonite Chips	Surface	12	18

6. Comments
**Geoprobe boring G-10
Abandoned by Geiss Soil & Samples, LLC under METCO supervision.**

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew Michalski/METCO	License # _____	Date of Filling & Sealing (mm/dd/yyyy) 6/19/2017	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 7-27-17

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 SHAWANO		WI Unique Well # of Removed Well _____		Facility Name A to Z Sales & Service		Facility ID (FID or PWS) 459003930	
Latitude / Longitude (Degrees and Minutes) 44 ° 51.76 ' N		Method Code (see instructions) _____		License/Permit/Monitoring # _____		Original Well Owner Kerry Breitick	
88 ° 58.9 ' W		Section 36		Township 28 N		Range 12 E	
Well Street Address 100 W MAIN ST		Well ZIP Code 54416-		City of Present Owner Bowler		State WI	
Well City, Village or Town Bowler		Well ZIP Code 54416-		City of Present Owner Bowler		State WI	
Subdivision Name _____		Lot # _____		City of Present Owner Bowler		State WI	
City of Present Owner Bowler		State WI		ZIP Code 54416-		ZIP Code 54416-	

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) 6/19/2017		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		<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		<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			
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				<input type="checkbox"/> Conductor Pipe-Pumped			
If yes, to what depth (feet)? 10		Depth to Water (feet) 10		<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.)	Pounds
Medium Bentonite Chips	Surface	12		18	

6. Comments
Geoprobe boring G-11
Abandoned by Geiss Soil & Samples, LLC under METCO supervision.

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew Michalski/METCO	License # _____	Date of Filling & Sealing (mm/dd/yyyy) 6/19/2017	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 7-27-17

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 SHAWANO		WI Unique Well # of Removed Well _____		Facility Name A to Z Sales & Service		Facility ID (FID or PWS) 459003930	
Latitude / Longitude (Degrees and Minutes) 44 ° 51.76 ' N		Method Code (see instructions) _____		License/Permit/Monitoring # _____		Original Well Owner Kerry Breitick	
88 ° 58.9 ' W		Section 36		Township 28 N		Range 12	
Well Street Address 100 W MAIN ST		or Gov't Lot # _____		Present Well Owner Kerry Breitick		Mailing Address of Present Owner 107 West Main Street	
Well City, Village or Town Bowler		Well ZIP Code 54416-		City of Present Owner Bowler		State WI	
Subdivision Name _____		Lot # _____		ZIP Code 54416-			

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) 6/19/2017		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		<input type="checkbox"/> Driven (Sandpoint)		<input type="checkbox"/> Dug		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		<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) 10		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.)	Pounds
Medium Bentonite Chips	Surface	12	18

6. Comments
 Geoprobe boring G-12
 Abandoned by Geiss Soil & Samples, LLC under METCO supervision.

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew Michalski/METCO		License # _____	Date of Filling & Sealing (mm/dd/yyyy) 6/19/2017	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 7-27-17	

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 SHAWANO		WI Unique Well # of Removed Well		Facility Name A to Z Sales & Service		Facility ID (FID or PWS) 459003930	
Latitude / Longitude (Degrees and Minutes) 44 ° 51.76 ' N		Method Code (see instructions)		License/Permit/Monitoring #		Original Well Owner Kerry Breitick	
88 ° 58.9 ' W		Section 36		Township 28 N		Range 12	
Well Street Address 100 W MAIN ST		Well City, Village or Town Bowler		Well ZIP Code 54416-		Present Well Owner Kerry Breitick	
Subdivision Name		Lot #		City of Present Owner Bowler		State WI	
Reason For Removal From Service Sampling Complete		WI Unique Well # of Replacement Well		City of Present Owner Bowler		ZIP Code 54416-	

3. Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material			
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) 6/20/2017		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 checked="" type="checkbox"/> N/A 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 <input checked="" type="checkbox"/> Other (specify): Geoprobe		if a Well Construction Report is available, please attach.		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" 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 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		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	
Total Well Depth From Ground Surface (ft.) 16		Casing Diameter (in.)		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	
Lower Drillhole Diameter (in.) 2		Casing Depth (ft.)			
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet) 13			

5. Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	Pounds
Medium Bentonite Chips	Surface	16	24

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

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew Michalski/METCO		License #	Date of Filling & Sealing (mm/dd/yyyy) 6/20/2017	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 Michalski</i>	Date Signed 7-27-17	

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 SHAWANO		MI Unique Well # of Removed Well	Hicap #	Facility Name A to Z Sales & Service		Facility ID (FID or PWS) 459003930	
Latitude / Longitude (Degrees and Minutes) 44 ° 51.76 ' N 88 ° 58.9 ' W		Method Code (see instructions)		License/Permit/Monitoring #			
¼ ¼ NE or Gov't Lot #	¼ NE	Section 36	Township 28 N	Range 12	<input checked="" type="checkbox"/> E <input type="checkbox"/> W	Original Well Owner Kerry Breitick	
Well Street Address 100 W MAIN ST				Present Well Owner Kerry Breitick			
Well City, Village or Town Bowler				Mailing Address of Present Owner 107 West Main Street			
Subdivision Name				Well ZIP Code 54416-		City of Present Owner Bowler	
				State WI		ZIP Code 54416-	

3. Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material			
Reason For Removal From Service Sampling Complete	MI Unique Well # of Replacement Well	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) 6/19/2017	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: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <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.) 16	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	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) 14	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.)	Pounds
Medium Bentonite Chips		Surface	16	24

6. Comments
Geoprobe boring G-14
Abandoned by Geiss Soil & Samples, LLC under METCO supervision.

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew Michalski/METCO	License #	Date of Filling & Sealing (mm/dd/yyyy) 6/19/2017	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 7-27-17	

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 SHAWANO	WI Unique Well # of Removed Well _____	Hicap # _____	Facility Name A to Z Sales & Service		
Latitude / Longitude (Degrees and Minutes) 44 ° 51.76 ' N		Method Code (see instructions) _____	Facility ID (FID or PWS) 459003930		
88 ° 58.9 ' W		_____	License/Permit/Monitoring # _____		
1/4 NE or Gov't Lot #	1/4 NE Section 36	Township 28 N	Range 12	Original Well Owner Kerry Breitick	
Well Street Address 100 W MAIN ST		Present Well Owner Kerry Breitick		Mailing Address of Present Owner 107 West Main Street	
Well City, Village or Town Bowler		Well ZIP Code 54416-		City of Present Owner Bowler	
Subdivision Name _____		Lot # _____		State WI	
Reason For Removal From Service Sampling Complete		WI Unique Well # of Replacement Well _____		ZIP Code 54416-	

3. Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material			
<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) 6/20/2017	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	<input type="checkbox"/> Driven (Sandpoint)	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	<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.) 16	Casing Diameter (in.) _____	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
Lower Drillhole Diameter (in.) 2	Casing Depth (ft.) _____	Required Method of Placing Sealing Material			
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Depth to Water (feet) 13	<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			
Medium Bentonite Chips		Neat Cement Grout		<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)	
Front (ft.)		Sand-Cement (Concrete) Grout		<input type="checkbox"/> Bentonite-Sand Slurry " "	
To (ft.)		Concrete		<input type="checkbox"/> Bentonite Chips	
Pounds		For Monitoring Wells and Monitoring Well Boreholes Only:			
Surface		16		24	
_____		_____		_____	
_____		_____		_____	
_____		_____		_____	

6. Comments
 Geoprobe boring G-15
 Abandoned by Geiss Soil & Samples, LLC under METCO supervision.

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew Michalski/METCO	License # _____	Date of Filling & Sealing (mm/dd/yyyy) 6/20/2017	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 7-27-17	

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 SHAWANO		WI Unique Well # of Removed Well	Hicap #	Facility Name A to Z Sales & Service		Facility ID (FID or PWS) 459003930	
Latitude / Longitude (Degrees and Minutes) 44 ° 51.76 ' N 88 ° 58.9 ' W		Method Code (see instructions)		License/Permit/Monitoring #			
1/4 NE	1/4 NE	Section 36	Township 28 N	Range 12	<input checked="" type="checkbox"/> E <input type="checkbox"/> W	Original Well Owner Kerry Breitick	
Well Street Address 100 W MAIN ST				Present Well Owner Kerry Breitick			
Well City, Village or Town Bowler				Mailing Address of Present Owner 107 West Main Street			
Subdivision Name				Well ZIP Code 54416-		City of Present Owner Bowler	
				State WI		ZIP Code 54416-	

3. Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material	
Reason For Removal From Service Sampling Complete	WI Unique Well # of Replacement Well	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) 6/20/2017	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	Depth to Water (feet) 10	<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.)	Pounds
Medium Bentonite Chips	Surface	12	18

6. Comments
**Geoprobe boring G-16
Abandoned by Geiss Soil & Samples, LLC under METCO supervision.**

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew Michalski/METCO	License #	Date of Filling & Sealing (mm/dd/yyyy) 6/20/2017	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 Michalski</i>	Date Signed 7-27-17	

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 SHAWANO	MI Unique Well # of Removed Well	Parcel #	Facility Name A to Z Sales & Service		
Latitude / Longitude (Degrees and Minutes) 44 ° 51.76 ' N 88 ° 58.9 ' W		Method Code (see instructions)	Facility ID (FID or PWS) 459003930		
1/4 NE 1/4 NE	Section 36	Township 28 N	Range 12	License/Permit/Monitoring #	
or Gov't Lot #				Original Well Owner Kerry Breitick	
Well Street Address 100 W MAIN ST			Present Well Owner Kerry Breitick		
Well City, Village or Town Bowler			Mailing Address of Present Owner 107 West Main Street		
Subdivision Name			City of Present Owner Bowler	State WI	ZIP Code 54416-
Well ZIP Code 54416-			Lot #		

Reason For Removal From Service Sampling Complete		MI Unique Well # of Replacement Well	4. Pump, Liner, Screen, Casing & Sealing Material		
3. Well / Drillhole / Borehole Information		Original Construction Date (mm/dd/yyyy) 6/20/2017	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	<input type="checkbox"/> Driven (Sandpoint)	<input type="checkbox"/> Dug	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		<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"/> Screened & Poured (Bentonite Chips)	<input checked="" type="checkbox"/> Other (Explain): Gravity	
If yes, to what depth (feet)?	Depth to Water (feet) 9.5		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.)	Pounds
Medium Bentonite Chips	Surface	12	18

6. Comments
 Geoprobe boring G-17
 Abandoned by Geiss Soil & Samples, LLC under METCO supervision.

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew Michalski/METCO	License #	Date of Filling & Sealing (mm/dd/yyyy) 6/20/2017	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 Michalski</i>	Date Signed 7-27-17

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 SHAWANO	WI Unique Well # of Removed Well _____	Hicap # _____	Facility Name A to Z Sales & Service		
Latitude / Longitude (Degrees and Minutes) 44 ° 51.76 ' N		Method Code (see instructions) _____	Facility ID (FID or PWS) 459003930		
88 ° 58.9 ' W		_____	License/Permit/Monitoring # _____		
1/4 NE	1/4 NE	Section 36	Township 28 N	Range 12	<input checked="" type="checkbox"/> E <input type="checkbox"/> W
Well Street Address 100 W MAIN ST			Original Well Owner Kerry Breitick		
Well City, Village or Town Bowler			Present Well Owner Kerry Breitick		
Subdivision Name _____			Mailing Address of Present Owner 107 West Main Street		
Well ZIP Code 54416-			City of Present Owner Bowler		
Lot # _____			State WI		
_____			ZIP Code 54416-		

Reason For Removal From Service Sampling Complete	WI Unique Well # of Replacement Well _____	3. Well / Drillhole / Borehole Information			
<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) 6/20/2017	<input type="checkbox"/> 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.	<input type="checkbox"/> Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input checked="" type="checkbox"/> Borehole / Drillhole	_____	<input type="checkbox"/> Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Construction Type:		<input type="checkbox"/> Casing left in place? <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"/> 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	<input type="checkbox"/> Dug	<input checked="" type="checkbox"/> Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Formation Type:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock	<input type="checkbox"/> 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.) 12	Casing Diameter (in.) 2	<input checked="" type="checkbox"/> 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			
Lower Drillhole Diameter (in.) 2	Casing Depth (ft.) 10	Required Method of Placing Sealing Material			
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Depth to Water (feet) 10	<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			

Sealing Materials		For Monitoring Wells and Monitoring Well Boreholes Only:	
<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)	<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout	
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input type="checkbox"/> Bentonite-Sand Slurry " "	<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	
<input type="checkbox"/> Concrete	<input type="checkbox"/> Bentonite Chips	_____	

6. Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	Pounds
Medium Bentonite Chips	Surface	12	18

6. Comments

Geoprobe boring G-18
Abandoned by Geiss Soil & Samples, LLC under METCO supervision.

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew Michalski/METCO	License # _____	Date of Filling & Sealing (mm/dd/yyyy) 6/20/2017	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 7-27-17

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 SHAWANO	WI Unique Well # of Removed Well	Hicap #	Facility Name A to Z Sales & Service		
Latitude / Longitude (Degrees and Minutes) 44 ° 51.76 ' N 88 ° 58.9 ' W		Method Code (see instructions)	Facility ID (FID or PWS) 459003930		
¼ ¼ NE ¼ NE		Section 36	Township 28 N	Range 12	License/Permit/Monitoring #
or Gov't Lot #				<input checked="" type="checkbox"/> E <input type="checkbox"/> W	Original Well Owner Kerry Breitick
Well Street Address 100 W MAIN ST			Present Well Owner Kerry Breitick		
Well City, Village or Town Bowler			Mailing Address of Present Owner 107 West Main Street		
Subdivision Name			City of Present Owner Bowler	State WI	ZIP Code 54416-
Well ZIP Code 54416-			Lot #		

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) 6/20/2017		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 <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.) 12	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) 10	Required Method of Placing Sealing Material			
5. Material Used To Fill Well / Drillhole		<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			
From (ft.)	To (ft.)	Pounds			
Surface	12	18			

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.)	Pounds
Medium Bentonite Chips	Surface	12	18

6. Comments
 Geoprobe boring G-19
 Abandoned by Geiss Soil & Samples, LLC under METCO supervision.

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew Michalski/METCO	License #	Date of Filling & Sealing (mm/dd/yyyy) 6/20/2017	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 Michalski</i>	Date Signed 7-27-17

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.

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

1. Well Location Information			2. Facility / Owner Information		
County SHAWANO	WI Unique Well # of Removed Well	Hicap #	Facility Name A to Z Sales & Service		
Latitude / Longitude (Degrees and Minutes) 44 ° 51.76 ' N		Method Code (see instructions)	Facility ID (FID or PWS) 459003930		
88 ° 58.9 ' W			License/Permit/Monitoring #		
¼/¼ NE or Gov't Lot #	¼ NE	Section 36	Township 28 N	Range 12	Original Well Owner Kerry Breitick
Well Street Address 100 W MAIN ST		Present Well Owner Kerry Breitick			
Well City, Village or Town Bowler		Mailing Address of Present Owner 107 West Main Street			
Subdivision Name		Well ZIP Code 54416-		City of Present Owner Bowler	State WI
		Lot #		ZIP Code 54416-	

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) 6/20/2017		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 <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.) 12		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			
Casing Diameter (in.)		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			
Lower Drillhole Diameter (in.) 2		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			
Casing Depth (ft.)		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			
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		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			
If yes, to what depth (feet)?		Depth to Water (feet) 10			

5. Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	Pounds
Medium Bentonite Chips	Surface	12	18

6. Comments
Geoprobe boring G-20
Abandoned by Geiss Soil & Samples, LLC under METCO supervision.

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew Michalski/METCO	License #	Date of Filling & Sealing (mm/dd/yyyy) 6/20/2017	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 Michalski</i>	Date Signed 7-27-17

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 SHAWANO	WI Unique Well # of Removed Well _____	Map # _____	Facility Name A to Z Sales & Service		
Latitude / Longitude (Degrees and Minutes) 44 ° 51.76 ' N		Method Code (see instructions) _____	Facility ID (FID or PWS) 459003930		
88 ° 58.9 ' W		_____	License/Permit/Monitoring # _____		
1/4 NE or Gov't Lot #	1/4 NE	Section 36	Township 28 N	Range 12	Original Well Owner Kerry Breitick
Well Street Address 100 W MAIN ST		Well ZIP Code 54416-		Present Well Owner Kerry Breitick	
Well City, Village or Town Bowler		Well ZIP Code 54416-		Mailing Address of Present Owner 107 West Main Street	
Subdivision Name _____		Lot # _____		City of Present Owner Bowler	State WI
Reason For Removal From Service Sampling Complete		WI Unique Well # of Replacement Well _____		ZIP Code 54416-	

3. Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material	
<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) 6/20/2017	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	<input type="checkbox"/> Driven (Sandpoint)	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	<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 relapped?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Total Well Depth From Ground Surface (ft.) 12	Casing Diameter (in.) _____	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
Lower Drillhole Diameter (in.) 2	Casing Depth (ft.) _____	Required Method of Placing Sealing Material	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Depth to Water (feet) 10	<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	
Medium Bentonite Chips	From (ft.) Surface	To (ft.) 12	Pounds 18
		<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	

Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	Pounds
Medium Bentonite Chips	Surface	12	18

6. Comments
 Geoprobe boring G-21
 Abandoned by Geiss Soil & Samples, LLC under METCO supervision.

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Matthew Michalski/METCO	License # _____	Date of Filling & Sealing (mm/dd/yyyy) 6/20/2017	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 Michalski</i>	Date Signed 7-27-17

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 % Village of Boulder Ms Kerry Brezick
709 Gillette St

Act 2 Subst Sewer
Boulder WI

La Crosse WI 54603

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 Advanced Disposal Eau Claire WI	5	108 15	540	75
	2	Haul water drums to Advanced Disposal - Eau Claire WI	2	42 11	84	22
				TOTAL	912	67

Thank You

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

SIGNATURE _____ 205

APPENDIX E/ OTHER DOCUMENTATION

Flow Velocity Calculations
A to Z Auto Sales, WDNR BRRTS# 03-59-190963

MW-1

	ft/s	ft/year	cm/s	m/yr
K	7.99E-05	2.52E+03	2.44E-03	768.0126
	sq ft/s	sq cm/s		
T	3.75E-04	3.48E-01		

MW-2

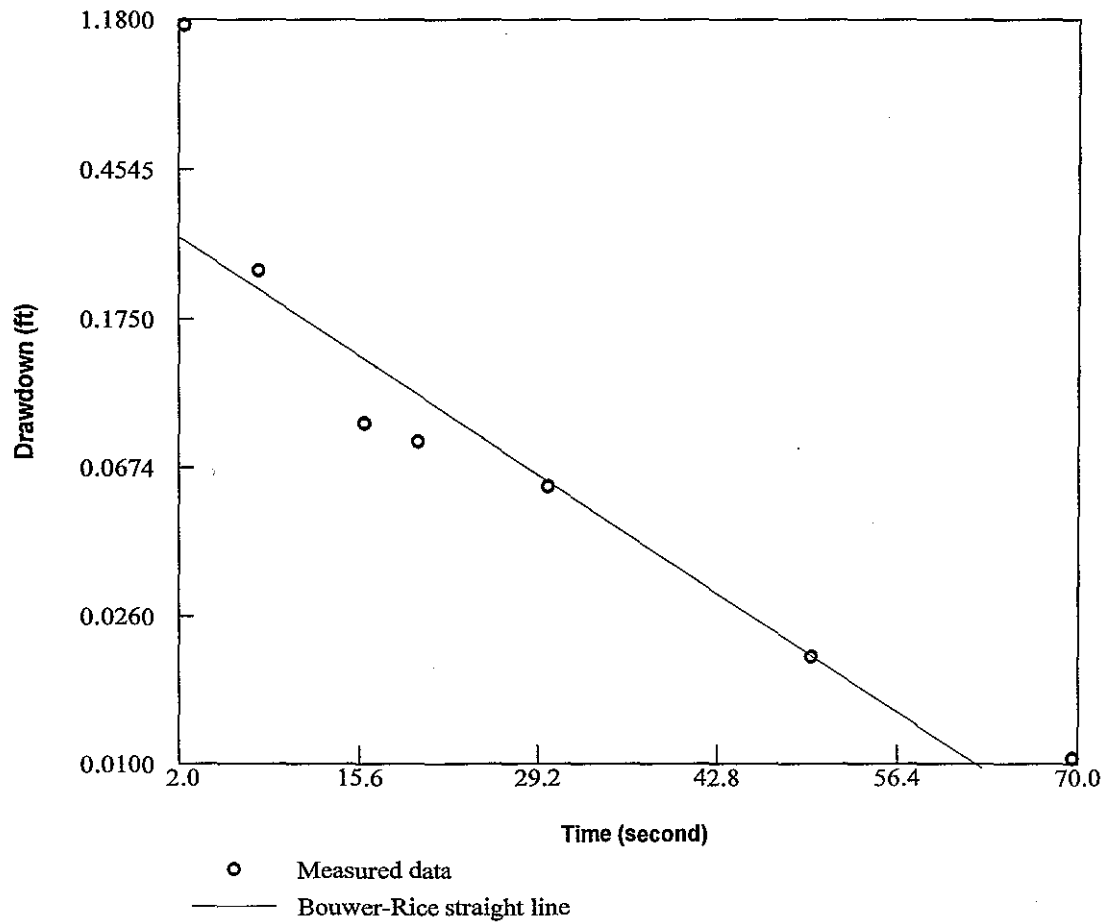
	ft/s	ft/year	cm/s	m/yr
K	1.06E-04	3.35E+03	3.23E-03	1018.8903
	sq ft/s	sq cm/s		
T	5.49E-04	5.10E-01		

MW-3

	ft/s	ft/year	cm/s	m/yr
K	1.65E-05	5.21E+02	5.03E-04	158.6009
	sq ft/s	sq cm/s		
T	6.06E-05	5.63E-02		

Date	Elv. (High)	Elv. (Low)	Distance (ft)	Hyd Grad (l)
01/30/18	1065.10	1064.60	112	4.46E-03
05/01/18	1066.00	1065.00	49.05	2.04E-02
			Average	1.24E-02

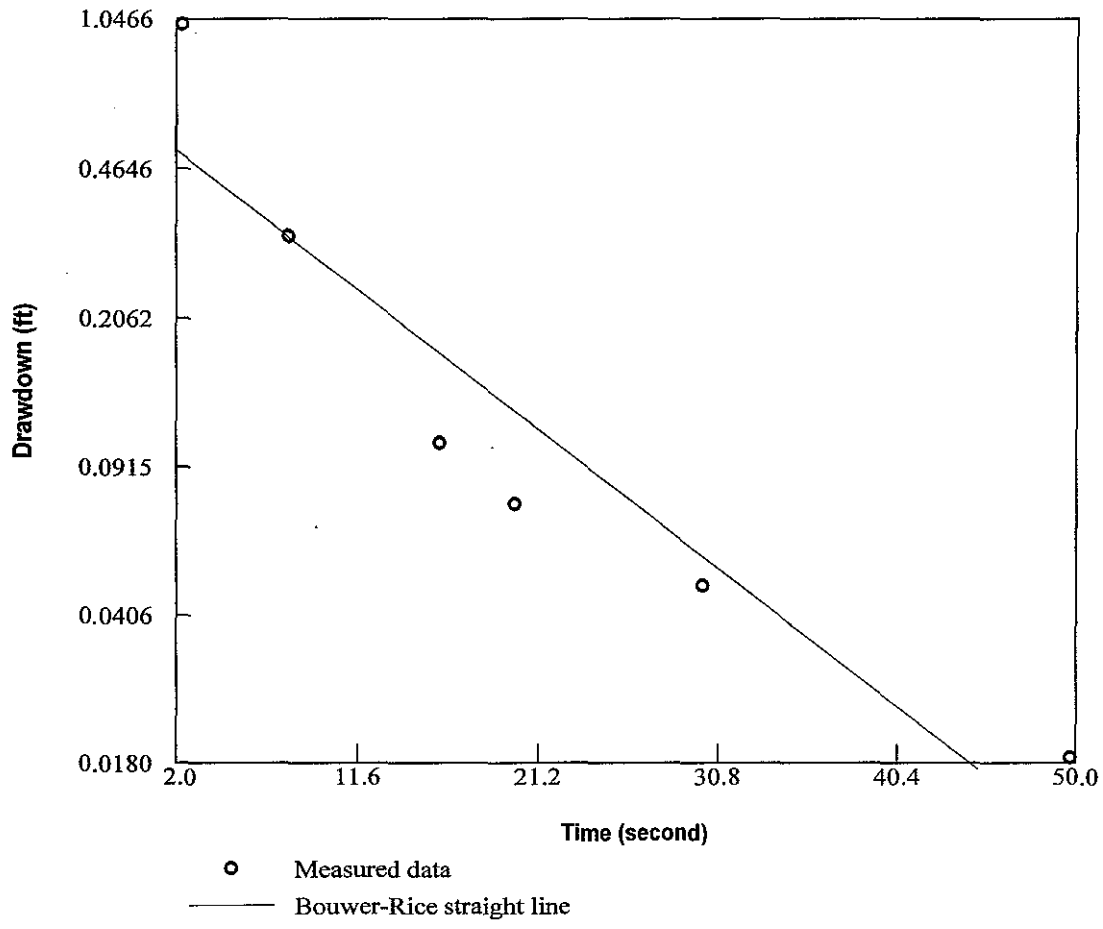
	K (m/yr)	Average Hyd Grad (l)	Porosity (n)	Flow Velocity (m/yr)
MW-1	768.0126	1.24E-02	0.3	31.8106
MW-2	1018.8903	1.24E-02	0.3	42.2018
MW-3	158.6009	1.24E-02	0.3	6.5692
			Average	26.8605



Aquifer Parameters by the Bouwer and Rice Slug Test

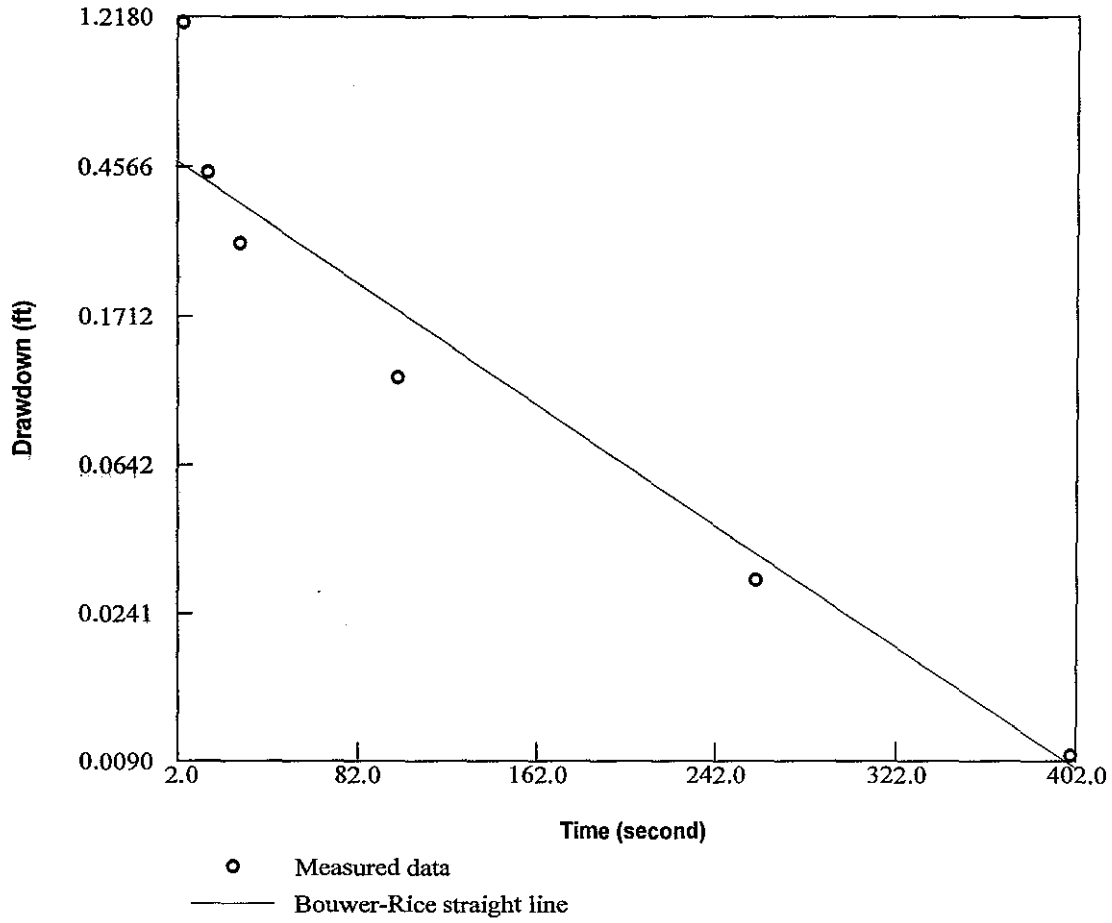
Hydraulic Conductivity (ft/s):	7.99e-005
Transmissivity (sq ft/s):	3.75e-004

A to Z Auto Sales MW-1



Aquifer Parameters by the Bouwer and Rice Slug Test	
Hydraulic Conductivity (ft/s):	1.06e-004
Transmissivity (sq ft/s):	5.49e-004

A to Z Auto Sales MW-2



Aquifer Parameters by the Bouwer and Rice Slug Test

Hydraulic Conductivity (ft/s):	1.65e-005
Transmissivity (sq ft/s):	6.06e-005

A to Z Auto Sales MW-3

MW-1 Slug Out

Data file for DataLogger.

=====

COMPANY : <Company name>

COMP.STATUS: Do

DATE : 30/01/2018

TIME : 13:05:07

FILENAME : C:\Documents and Settings\Administrator\Application Data\DiverOffice\A to Z Sales\CSV\mw-1_4_180130130507_P9769.CSV

CREATED BY : Diver-Office 9.2.0.17

===== BEGINNING OF DATA =====

[Logger settings]

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

[Channel 2]

Identification =TEMPERATURE

Reference level =-4.000 °F

Range =180.000 °F

[Series settings]

Serial number =.00-P9769 215.

Instrument number = UTC-5

Location =mw-1_4

Sample period =00 00:00:02 0

Sample method =T

Start date / time =36:59:12 30/01/18

End date / time =54:04:13 30/01/18

[Channel 1 from data header]

Identification =PRESSURE

Reference level =13.12336 ft

Range =90.22310 ft

Master level =0 m

Altitude =0 ft

[Channel 2 from data header]

Identification =TEMPERATURE

Reference level =-4.000 °F

Range =180.000 °F

Date/time	Pressure[ft	Temperature[°F]	Adjusted Time	Drawdown
12:59:36	36.1904		50.69	0
12:59:38	36.1904		50.69	0
12:59:40	36.1904		50.69	0
12:59:42	36.1904		50.69	0
12:59:44	36.1904		50.69	0
12:59:46	36.1904		50.69	0
12:59:48	36.1904		50.69	0
12:59:50	36.1904		50.69	0
12:59:52	36.1904		50.69	0
12:59:54	36.1904		50.69	0

MW-1 Slug Out

12:59:56	36.1904	50.69		0
12:59:58	36.1904	50.69		0
13:00:00	35.01148	50.69	2	1.17892
13:00:02	35.46861	50.69	4	0.72179
13:00:04	35.79041	50.678	6	0.39999
13:00:06	35.95281	50.69	8	0.23759
13:00:08	36.031	50.69	10	0.1594
13:00:10	36.05807	50.69	12	0.13233
13:00:12	36.07612	50.69	14	0.11428
13:00:14	36.09717	50.702	16	0.09323
13:00:16	36.10619	50.702	18	0.08421
13:00:18	36.11521	50.702	20	0.07519
13:00:20	36.11521	50.714	22	0.07519
13:00:22	36.12423	50.714	24	0.06617
13:00:24	36.13326	50.726	26	0.05714
13:00:26	36.13326	50.726	28	0.05714
13:00:28	36.13326	50.726	30	0.05714
13:00:30	36.14529	50.738	32	0.04511
13:00:32	36.15431	50.738	34	0.03609
13:00:34	36.15431	50.75	36	0.03609
13:00:36	36.15431	50.75	38	0.03609
13:00:38	36.16333	50.762	40	0.02707
13:00:40	36.16333	50.762	42	0.02707
13:00:42	36.16333	50.762	44	0.02707
13:00:44	36.16333	50.774	46	0.02707
13:00:46	36.16333	50.774	48	0.02707
13:00:48	36.17235	50.774	50	0.01805
13:00:50	36.17235	50.786	52	0.01805
13:00:52	36.17235	50.786	54	0.01805
13:00:54	36.17235	50.786	56	0.01805
13:00:56	36.17235	50.786	58	0.01805
13:00:58	36.17235	50.786	60	0.01805
13:01:00	36.17235	50.786	62	0.01805
13:01:02	36.17235	50.786	64	0.01805
13:01:04	36.18138	50.786	66	0.00902
13:01:06	36.17235	50.786	68	0.01805
13:01:08	36.18138	50.786	70	0.00902
13:01:10	36.17235	50.786	72	0.01805
13:01:12	36.18138	50.786	74	0.00902
13:01:14	36.17235	50.786	76	0.01805
13:01:16	36.18138	50.786	78	0.00902
13:01:18	36.18138	50.774	80	0.00902
13:01:20	36.18138	50.774	82	0.00902
13:01:22	36.18138	50.774	84	0.00902
13:01:24	36.18138	50.774	86	0.00902
13:01:26	36.18138	50.774	88	0.00902
13:01:28	36.18138	50.774	90	0.00902
13:01:30	36.18138	50.774	92	0.00902
13:01:32	36.18138	50.774	94	0.00902
13:01:34	36.18138	50.774	96	0.00902
13:01:36	36.18138	50.774	98	0.00902
13:01:38	36.18138	50.774	100	0.00902
13:01:40	36.18138	50.762	102	0.00902
13:01:42	36.18138	50.762	104	0.00902
13:01:44	36.18138	50.762	106	0.00902
13:01:46	36.18138	50.762	108	0.00902
13:01:48	36.18138	50.762	110	0.00902
13:01:50	36.18138	50.762	112	0.00902
13:01:52	36.18138	50.762	114	0.00902
13:01:54	36.18138	50.762	116	0.00902
13:01:56	36.18138	50.762	118	0.00902
13:01:58	36.18138	50.75	120	0.00902

MW-1 Slug Out

13:02:00	36.18138	50.762	122	0.00902
13:02:02	36.18138	50.75	124	0.00902
13:02:04	36.18138	50.75	126	0.00902
13:02:06	36.18138	50.75	128	0.00902
13:02:08	36.18138	50.75	130	0.00902
13:02:10	36.18138	50.75	132	0.00902
13:02:12	36.18138	50.75	134	0.00902
13:02:14	36.1904	50.75	136	0
13:02:16	36.18138	50.75	138	0.00902
13:02:18	36.18138	50.75	140	0.00902
13:02:20	36.1904	50.738	142	0
13:02:22	36.1904	50.738	144	0
13:02:24	36.1904	50.738	146	0
13:02:26	36.1904	50.738	148	0
13:02:28	36.1904	50.738	150	0
13:02:30	36.18138	50.738	152	0.00902
13:02:32	36.18138	50.738	154	0.00902
13:02:34	36.18138	50.738	156	0.00902
13:02:36	36.1904	50.738	158	0
13:02:38	36.1904	50.738	160	0
13:02:40	36.18138	50.738	162	0.00902
13:02:42	36.1904	50.738	164	0
13:02:44	36.18138	50.738	166	0.00902
13:02:46	36.18138	50.738	168	0.00902
13:02:48	36.18138	50.738	170	0.00902
13:02:50	36.18138	50.738	172	0.00902
13:02:52	36.18138	50.738	174	0.00902
13:02:54	36.18138	50.738	176	0.00902
13:02:56	36.18138	50.738	178	0.00902
13:02:58	36.18138	50.75	180	0.00902
13:03:00	36.18138	50.75	182	0.00902
13:03:02	36.1904	50.75	184	0
13:03:04	36.18138	50.75	186	0.00902
13:03:06	36.18138	50.75	188	0.00902
13:03:08	36.18138	50.75	190	0.00902
13:03:10	36.1904	50.75	192	0
13:03:12	36.18138	50.75	194	0.00902
13:03:14	36.1904	50.75	196	0
13:03:16	36.1904	50.75	198	0
13:03:18	36.1904	50.75	200	0
13:03:20	36.18138	50.75	202	0.00902
13:03:22	36.1904	50.75	204	0
13:03:24	36.1904	50.75	206	0
13:03:26	36.18138	50.75	208	0.00902
13:03:28	36.18138	50.75	210	0.00902
13:03:30	36.1904	50.75	212	0
13:03:32	36.1904	50.75	214	0
13:03:34	36.1904	50.75	216	0
13:03:36	36.1904	50.75	218	0
13:03:38	36.1904	50.75	220	0
13:03:40	36.1904	50.75	222	0
13:03:42	36.1904	50.75	224	0
13:03:44	36.1904	50.75	226	0
13:03:46	36.1904	50.762	228	0
13:03:48	36.1904	50.762	230	0
13:03:50	36.1904	50.75	232	0
13:03:52	36.1904	50.762	234	0
13:03:54	36.1904	50.762	236	0
13:03:56	36.1904	50.762	238	0
13:03:58	36.1904	50.762	240	0
13:04:00	36.1904	50.762	242	0
13:04:02	36.1904	50.762	244	0

MW-1 Slug Out

13:04:04	36.1904	50.762	246	0
13:04:06	36.1904	50.762	248	0
13:04:08	36.1904	50.762	250	0
13:04:10	36.1904	50.774	252	0
13:04:12	36.1904	50.774	254	0
13:04:14	36.1904	50.774	256	0
13:04:16	36.1904	50.774	258	0
13:04:18	36.1904	50.774	260	0
13:04:20	36.1904	50.774	262	0
13:04:22	36.1904	50.774	264	0
13:04:24	36.1904	50.786	266	0
13:04:26	36.1904	50.786	268	0
13:04:28	36.1904	50.786	270	0
13:04:30	36.1904	50.786	272	0
13:04:32	36.1904	50.786	274	0
13:04:34	36.1904	50.798	276	0
13:04:36	36.1904	50.798	278	0
13:04:38	36.1904	50.798	280	0
13:04:40	36.1904	50.798	282	0
13:04:42	36.1904	50.798	284	0
13:04:44	36.1904	50.798	286	0
13:04:46	36.1904	50.798	288	0
13:04:48	36.1904	50.798	290	0
13:04:50	36.1904	50.798	292	0
13:04:52	36.1904	50.798	294	0
13:04:54	36.1904	50.798	296	0

END OF DATA FILE OF DATALOGGER FOR WINDOWS

MW-2 Slug Out

Data file for DataLogger.

=====

COMPANY : <Company name>

COMP.STATUS: Do

DATE : 30/01/2018

TIME : 12:24:47

FILENAME : C:\Documents and Settings\Administrator\Application Data\DiverOffice\A to Z Sales\CSV\mw-

CREATED BY : Diver-Office 9.2.0.17

===== BEGINNING OF DATA =====

[Logger settings]

Instrument type =Micro-Diver=15

Status =Started =0

Serial number =..00-P9769 215.

Instrument number = UTC-5
=0

Location =mw-2_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

[Channel 2]

Identification =TEMPERATURE

Reference level =-4.000 °F

Range =180.000 °F

[Series settings]

Serial number =..00-P9769 215.

Instrument number = UTC-5

Location =mw-2_4

Sample period =00 00:00:02 0

Sample method =T

Start date / time =04:11:12 30/01/18

End date / time =34:24:12 30/01/18

[Channel 1 from data header]

Identification =PRESSURE

Reference level =13.12336 ft

Range =90.22310 ft

Master level =0 m

Altitude =0 ft

[Channel 2 from data header]

Identification =TEMPERATURE

MW-2 Slug Out

Reference level =-4.000 °F

Range =180.000 °F

Date/time	Pressure[ft	Temperature[°F]	Adjusted Time	Drawdown
12:11:04	37.83847	50.534		0
12:11:06	37.8475	50.534		-0.00903
12:11:08	37.8475	50.534		-0.00903
12:11:10	37.83847	50.534		0
12:11:12	37.83847	50.534		0
12:11:14	37.8475	50.534		-0.00903
12:11:16	37.83847	50.522		0
12:11:18	37.83847	50.522		0
12:11:20	37.83847	50.522		0
12:11:22	37.83847	50.522		0
12:11:24	37.83847	50.51		0
12:11:26	37.83847	50.51		0
12:11:28	37.83847	50.51		0
12:11:30	37.83847	50.51		0
12:11:32	37.83847	50.51		0
12:11:34	37.83847	50.51		0
12:11:36	37.83847	50.51		0
12:11:38	37.83847	50.51		0
12:11:40	37.83847	50.51		0
12:11:42	37.83847	50.51		0
12:11:44	36.79189	50.51	2	1.04658
12:11:46	37.10466	50.51	4	0.73381
12:11:48	37.35127	50.51	6	0.4872
12:11:50	37.51367	50.51	8	0.3248
12:11:52	37.60991	50.498	10	0.22856
12:11:54	37.66705	50.51	12	0.17142
12:11:56	37.70615	50.498	14	0.13232
12:11:58	37.73321	50.498	16	0.10526
12:12:00	37.74224	50.498	18	0.09623
12:12:02	37.76329	50.498	20	0.07518
12:12:04	37.77231	50.498	22	0.06616
12:12:06	37.77231	50.498	24	0.06616
12:12:08	37.78133	50.498	26	0.05714
12:12:10	37.78133	50.498	28	0.05714
12:12:12	37.79035	50.486	30	0.04812
12:12:14	37.79035	50.486	32	0.04812
12:12:16	37.79938	50.486	34	0.03909
12:12:18	37.79938	50.486	36	0.03909
12:12:20	37.79938	50.486	38	0.03909
12:12:22	37.8084	50.486	40	0.03007
12:12:24	37.8084	50.486	42	0.03007
12:12:26	37.8084	50.474	44	0.03007

MW-2 Slug Out

12:12:28	37.82043	50.474	46	0.01804
12:12:30	37.82043	50.474	48	0.01804
12:12:32	37.82043	50.474	50	0.01804
12:12:34	37.81441	50.462	52	0.02406
12:12:36	37.81441	50.462	54	0.02406
12:12:38	37.82043	50.45	56	0.01804
12:12:40	37.82043	50.45	58	0.01804
12:12:42	37.82043	50.45	60	0.01804
12:12:44	37.82043	50.45	62	0.01804
12:12:46	37.82043	50.438	64	0.01804
12:12:48	37.82043	50.438	66	0.01804
12:12:50	37.82043	50.438	68	0.01804
12:12:52	37.82945	50.426	70	0.00902
12:12:54	37.82945	50.426	72	0.00902
12:12:56	37.82945	50.426	74	0.00902
12:12:58	37.82945	50.426	76	0.00902
12:13:00	37.82945	50.414	78	0.00902
12:13:02	37.82945	50.414	80	0.00902
12:13:04	37.82945	50.414	82	0.00902
12:13:06	37.82945	50.402	84	0.00902
12:13:08	37.83847	50.402	86	0
12:13:10	37.82945	50.402	88	0.00902
12:13:12	37.82945	50.402	90	0.00902
12:13:14	37.82344	50.39	92	0.01503
12:13:16	37.82344	50.39	94	0.01503
12:13:18	37.82344	50.39	96	0.01503
12:13:20	37.82344	50.39	98	0.01503
12:13:22	37.82945	50.378	100	0.00902
12:13:24	37.82945	50.378	102	0.00902
12:13:26	37.82945	50.378	104	0.00902
12:13:28	37.82945	50.378	106	0.00902
12:13:30	37.83847	50.378	108	0
12:13:32	37.83847	50.378	110	0
12:13:34	37.82945	50.366	112	0.00902
12:13:36	37.83847	50.366	114	0
12:13:38	37.83847	50.366	116	0
12:13:40	37.83847	50.366	118	0
12:13:42	37.83847	50.366	120	0
12:13:44	37.82945	50.366	122	0.00902
12:13:46	37.83847	50.366	124	0
12:13:48	37.82945	50.366	126	0.00902
12:13:50	37.82945	50.354	128	0.00902
12:13:52	37.83847	50.354	130	0
12:13:54	37.82945	50.354	132	0.00902
12:13:56	37.83847	50.354	134	0
12:13:58	37.82945	50.354	136	0.00902
12:14:00	37.83847	50.354	138	0

MW-2 Slug Out

12:14:02	37.83847	50.354	140	0
12:14:04	37.83847	50.354	142	0
12:14:06	37.83847	50.354	144	0
12:14:08	37.83847	50.354	146	0
12:14:10	37.83847	50.354	148	0
12:14:12	37.83847	50.354	150	0
12:14:14	37.83847	50.354	152	0
12:14:16	37.83847	50.354	154	0
12:14:18	37.83847	50.354	156	0
12:14:20	37.83847	50.354	158	0
12:14:22	37.83847	50.354	160	0
12:14:24	37.83847	50.354	162	0
12:14:26	37.83847	50.354	164	0
12:14:28	37.82945	50.354	166	0.00902
12:14:30	37.82945	50.354	168	0.00902
12:14:32	37.83847	50.354	170	0
12:14:34	37.83847	50.354	172	0
12:14:36	37.83847	50.354	174	0
12:14:38	37.83847	50.354	176	0
12:14:40	37.83847	50.354	178	0
12:14:42	37.83847	50.354	180	0
12:14:44	37.83847	50.354	182	0
12:14:46	37.82945	50.354	184	0.00902
12:14:48	37.83847	50.354	186	0
12:14:50	37.83847	50.354	188	0
12:14:52	37.83847	50.354	190	0
12:14:54	37.83847	50.366	192	0
12:14:56	37.83847	50.354	194	0
12:14:58	37.83847	50.366	196	0
12:15:00	37.83847	50.366	198	0
12:15:02	37.83847	50.366	200	0
12:15:04	37.83847	50.366	202	0
12:15:06	37.83847	50.366	204	0
12:15:08	37.83847	50.366	206	0
12:15:10	37.83847	50.366	208	0
12:15:12	37.83847	50.366	210	0
12:15:14	37.83847	50.366	212	0
12:15:16	37.83847	50.366	214	0
12:15:18	37.82945	50.366	216	0.00902
12:15:20	37.82945	50.366	218	0.00902
12:15:22	37.82945	50.366	220	0.00902
12:15:24	37.82945	50.366	222	0.00902
12:15:26	37.83847	50.366	224	0
12:15:28	37.83847	50.366	226	0
12:15:30	37.82945	50.378	228	0.00902
12:15:32	37.83847	50.378	230	0
12:15:34	37.83847	50.378	232	0

MW-2 Slug Out

12:15:36	37.83847	50.378	234	0
12:15:38	37.83847	50.378	236	0
12:15:40	37.83847	50.378	238	0
12:15:42	37.83847	50.378	240	0
12:15:44	37.83847	50.378	242	0
12:15:46	37.83847	50.378	244	0
12:15:48	37.82945	50.378	246	0.00902
12:15:50	37.82945	50.378	248	0.00902
12:15:52	37.82945	50.378	250	0.00902
12:15:54	37.82945	50.378	252	0.00902
12:15:56	37.82945	50.378	254	0.00902
12:15:58	37.82945	50.378	256	0.00902
12:16:00	37.82945	50.378	258	0.00902
12:16:02	37.83847	50.378	260	0
12:16:04	37.82945	50.378	262	0.00902
12:16:06	37.82945	50.378	264	0.00902
12:16:08	37.82945	50.378	266	0.00902
12:16:10	37.82945	50.378	268	0.00902
12:16:12	37.82945	50.378	270	0.00902
12:16:14	37.82945	50.378	272	0.00902
12:16:16	37.82945	50.378	274	0.00902
12:16:18	37.82945	50.378	276	0.00902
12:16:20	37.82945	50.378	278	0.00902
12:16:22	37.82945	50.378	280	0.00902
12:16:24	37.82945	50.378	282	0.00902
12:16:26	37.82945	50.378	284	0.00902
12:16:28	37.82945	50.378	286	0.00902
12:16:30	37.82945	50.378	288	0.00902
12:16:32	37.82945	50.378	290	0.00902
12:16:34	37.82945	50.378	292	0.00902
12:16:36	37.82945	50.378	294	0.00902
12:16:38	37.82945	50.378	296	0.00902
12:16:40	37.82344	50.39	298	0.01503
12:16:42	37.82945	50.378	300	0.00902
12:16:44	37.82945	50.378	302	0.00902
12:16:46	37.82344	50.39	304	0.01503
12:16:48	37.82344	50.39	306	0.01503
12:16:50	37.82344	50.39	308	0.01503
12:16:52	37.82344	50.39	310	0.01503
12:16:54	37.82344	50.39	312	0.01503
12:16:56	37.83246	50.39	314	0.00601
12:16:58	37.83246	50.39	316	0.00601
12:17:00	37.83246	50.39	318	0.00601
12:17:02	37.83246	50.39	320	0.00601
12:17:04	37.82344	50.39	322	0.01503
12:17:06	37.82344	50.39	324	0.01503
12:17:08	37.82945	50.402	326	0.00902

MW-2 Slug Out

12:17:10	37.83847	50.402	328	0
12:17:12	37.83847	50.402	330	0
12:17:14	37.82945	50.402	332	0.00902
12:17:16	37.83246	50.39	334	0.00601
12:17:18	37.83847	50.402	336	0
12:17:20	37.83847	50.402	338	0
12:17:22	37.83847	50.402	340	0
12:17:24	37.82945	50.402	342	0.00902
12:17:26	37.83847	50.402	344	0
12:17:28	37.82945	50.402	346	0.00902
12:17:30	37.82945	50.402	348	0.00902
12:17:32	37.82945	50.402	350	0.00902
12:17:34	37.82945	50.402	352	0.00902
12:17:36	37.82945	50.402	354	0.00902
12:17:38	37.82945	50.402	356	0.00902
12:17:40	37.82945	50.402	358	0.00902
12:17:42	37.82945	50.402	360	0.00902
12:17:44	37.82945	50.402	362	0.00902
12:17:46	37.82945	50.402	364	0.00902
12:17:48	37.82945	50.402	366	0.00902
12:17:50	37.82945	50.402	368	0.00902
12:17:52	37.82945	50.402	370	0.00902
12:17:54	37.82945	50.402	372	0.00902
12:17:56	37.82945	50.402	374	0.00902
12:17:58	37.82945	50.402	376	0.00902
12:18:00	37.82945	50.402	378	0.00902
12:18:02	37.83847	50.402	380	0
12:18:04	37.82945	50.402	382	0.00902
12:18:06	37.82945	50.402	384	0.00902
12:18:08	37.83847	50.402	386	0
12:18:10	37.83847	50.402	388	0
12:18:12	37.83847	50.402	390	0
12:18:14	37.83847	50.402	392	0
12:18:16	37.83847	50.414	394	0
12:18:18	37.82945	50.402	396	0.00902
12:18:20	37.82945	50.414	398	0.00902
12:18:22	37.83847	50.414	400	0
12:18:24	37.82945	50.402	402	0.00902
12:18:26	37.82945	50.402	404	0.00902
12:18:28	37.82945	50.402	406	0.00902
12:18:30	37.82945	50.402	408	0.00902
12:18:32	37.82945	50.402	410	0.00902
12:18:34	37.82945	50.414	412	0.00902
12:18:36	37.83847	50.402	414	0
12:18:38	37.82945	50.402	416	0.00902
12:18:40	37.82945	50.402	418	0.00902
12:18:42	37.82945	50.414	420	0.00902

MW-2 Slug Out

12:18:44	37.82945	50.414	422	0.00902
12:18:46	37.83847	50.414	424	0
12:18:48	37.82945	50.414	426	0.00902
12:18:50	37.82945	50.414	428	0.00902
12:18:52	37.82945	50.414	430	0.00902
12:18:54	37.82945	50.414	432	0.00902
12:18:56	37.83847	50.414	434	0
12:18:58	37.82945	50.414	436	0.00902
12:19:00	37.82945	50.414	438	0.00902
12:19:02	37.82945	50.414	440	0.00902
12:19:04	37.82945	50.414	442	0.00902
12:19:06	37.82945	50.414	444	0.00902
12:19:08	37.82945	50.414	446	0.00902
12:19:10	37.82945	50.414	448	0.00902
12:19:12	37.82945	50.414	450	0.00902
12:19:14	37.82945	50.414	452	0.00902
12:19:16	37.82945	50.414	454	0.00902
12:19:18	37.82945	50.414	456	0.00902
12:19:20	37.82945	50.414	458	0.00902
12:19:22	37.82945	50.414	460	0.00902
12:19:24	37.83847	50.414	462	0
12:19:26	37.82945	50.414	464	0.00902
12:19:28	37.83847	50.414	466	0
12:19:30	37.82945	50.414	468	0.00902
12:19:32	37.83847	50.426	470	0
12:19:34	37.82945	50.426	472	0.00902
12:19:36	37.82945	50.426	474	0.00902
12:19:38	37.82945	50.426	476	0.00902
12:19:40	37.82945	50.426	478	0.00902
12:19:42	37.82945	50.426	480	0.00902
12:19:44	37.82945	50.426	482	0.00902
12:19:46	37.82945	50.426	484	0.00902
12:19:48	37.82945	50.426	486	0.00902
12:19:50	37.82945	50.426	488	0.00902
12:19:52	37.82945	50.426	490	0.00902
12:19:54	37.82945	50.426	492	0.00902
12:19:56	37.82945	50.426	494	0.00902
12:19:58	37.82945	50.426	496	0.00902
12:20:00	37.82945	50.426	498	0.00902
12:20:02	37.82945	50.426	500	0.00902
12:20:04	37.82945	50.426	502	0.00902
12:20:06	37.82945	50.438	504	0.00902
12:20:08	37.82945	50.438	506	0.00902
12:20:10	37.82945	50.438	508	0.00902
12:20:12	37.82945	50.438	510	0.00902
12:20:14	37.82945	50.438	512	0.00902
12:20:16	37.82945	50.438	514	0.00902

MW-2 Slug Out

12:20:18	37.82945	50.438	516	0.00902
12:20:20	37.82945	50.438	518	0.00902
12:20:22	37.82945	50.438	520	0.00902
12:20:24	37.82945	50.438	522	0.00902
12:20:26	37.82945	50.438	524	0.00902
12:20:28	37.82945	50.438	526	0.00902
12:20:30	37.82945	50.438	528	0.00902
12:20:32	37.82043	50.438	530	0.01804
12:20:34	37.82945	50.438	532	0.00902
12:20:36	37.82043	50.438	534	0.01804
12:20:38	37.82043	50.438	536	0.01804
12:20:40	37.82945	50.438	538	0.00902
12:20:42	37.82043	50.438	540	0.01804
12:20:44	37.82945	50.438	542	0.00902
12:20:46	37.82945	50.438	544	0.00902
12:20:48	37.82945	50.438	546	0.00902
12:20:50	37.82945	50.438	548	0.00902
12:20:52	37.82043	50.438	550	0.01804
12:20:54	37.82945	50.438	552	0.00902
12:20:56	37.82945	50.438	554	0.00902
12:20:58	37.82945	50.438	556	0.00902
12:21:00	37.82945	50.45	558	0.00902
12:21:02	37.82945	50.438	560	0.00902
12:21:04	37.82945	50.45	562	0.00902
12:21:06	37.82945	50.438	564	0.00902
12:21:08	37.82945	50.438	566	0.00902
12:21:10	37.82945	50.45	568	0.00902
12:21:12	37.82945	50.45	570	0.00902
12:21:14	37.82945	50.45	572	0.00902
12:21:16	37.82945	50.45	574	0.00902
12:21:18	37.82945	50.45	576	0.00902
12:21:20	37.82945	50.45	578	0.00902
12:21:22	37.82945	50.45	580	0.00902
12:21:24	37.82945	50.45	582	0.00902
12:21:26	37.82945	50.45	584	0.00902
12:21:28	37.82945	50.45	586	0.00902
12:21:30	37.82945	50.45	588	0.00902
12:21:32	37.82945	50.45	590	0.00902
12:21:34	37.82945	50.45	592	0.00902
12:21:36	37.82945	50.45	594	0.00902
12:21:38	37.82945	50.45	596	0.00902
12:21:40	37.82945	50.45	598	0.00902
12:21:42	37.82945	50.45	600	0.00902
12:21:44	37.82945	50.45	602	0.00902
12:21:46	37.82344	50.462	604	0.01503
12:21:48	37.82945	50.45	606	0.00902
12:21:50	37.82344	50.462	608	0.01503

MW-2 Slug Out

12:21:52	37.82945	50.45	610	0.00902
12:21:54	37.82344	50.462	612	0.01503
12:21:56	37.82344	50.462	614	0.01503
12:21:58	37.82344	50.462	616	0.01503
12:22:00	37.82945	50.45	618	0.00902
12:22:02	37.82344	50.462	620	0.01503
12:22:04	37.82344	50.462	622	0.01503
12:22:06	37.82344	50.462	624	0.01503
12:22:08	37.82344	50.462	626	0.01503
12:22:10	37.82344	50.462	628	0.01503
12:22:12	37.82344	50.462	630	0.01503
12:22:14	37.82344	50.462	632	0.01503
12:22:16	37.82344	50.462	634	0.01503
12:22:18	37.82344	50.462	636	0.01503
12:22:20	37.82344	50.462	638	0.01503
12:22:22	37.82344	50.462	640	0.01503
12:22:24	37.82344	50.462	642	0.01503
12:22:26	37.82344	50.462	644	0.01503
12:22:28	37.82344	50.462	646	0.01503
12:22:30	37.82344	50.462	648	0.01503
12:22:32	37.82344	50.462	650	0.01503
12:22:34	37.81441	50.462	652	0.02406
12:22:36	37.82945	50.474	654	0.00902
12:22:38	37.82945	50.474	656	0.00902
12:22:40	37.82043	50.474	658	0.01804
12:22:42	37.82043	50.474	660	0.01804
12:22:44	37.82043	50.474	662	0.01804
12:22:46	37.82945	50.474	664	0.00902
12:22:48	37.82945	50.474	666	0.00902
12:22:50	37.82945	50.474	668	0.00902
12:22:52	37.82945	50.474	670	0.00902
12:22:54	37.82945	50.474	672	0.00902
12:22:56	37.82945	50.474	674	0.00902
12:22:58	37.82043	50.474	676	0.01804
12:23:00	37.82945	50.474	678	0.00902
12:23:02	37.82945	50.474	680	0.00902
12:23:04	37.82945	50.474	682	0.00902
12:23:06	37.82945	50.474	684	0.00902
12:23:08	37.82945	50.474	686	0.00902
12:23:10	37.82945	50.486	688	0.00902
12:23:12	37.82945	50.486	690	0.00902
12:23:14	37.82945	50.486	692	0.00902
12:23:16	37.82945	50.486	694	0.00902
12:23:18	37.82043	50.486	696	0.01804
12:23:20	37.82945	50.486	698	0.00902
12:23:22	37.82945	50.486	700	0.00902
12:23:24	37.82945	50.486	702	0.00902

MW-2 Slug Out

12:23:26	37.82945	50.486	704	0.00902
12:23:28	37.82945	50.486	706	0.00902
12:23:30	37.82945	50.486	708	0.00902
12:23:32	37.82945	50.486	710	0.00902
12:23:34	37.82945	50.486	712	0.00902
12:23:36	37.82945	50.486	714	0.00902
12:23:38	37.82945	50.498	716	0.00902
12:23:40	37.82945	50.498	718	0.00902
12:23:42	37.82945	50.498	720	0.00902
12:23:44	37.82945	50.498	722	0.00902
12:23:46	37.82945	50.498	724	0.00902
12:23:48	37.82945	50.498	726	0.00902
12:23:50	37.82945	50.498	728	0.00902
12:23:52	37.82945	50.498	730	0.00902
12:23:54	37.82945	50.498	732	0.00902
12:23:56	37.82945	50.498	734	0.00902
12:23:58	37.82945	50.498	736	0.00902
12:24:00	37.82945	50.498	738	0.00902
12:24:02	37.82945	50.498	740	0.00902
12:24:04	37.82945	50.498	742	0.00902
12:24:06	37.82945	50.51	744	0.00902
12:24:08	37.82945	50.498	746	0.00902
12:24:10	37.82945	50.51	748	0.00902
12:24:12	37.82945	50.51	750	0.00902
12:24:14	37.82043	50.498	752	0.01804
12:24:16	37.82945	50.51	754	0.00902
12:24:18	37.82945	50.498	756	0.00902
12:24:20	37.82945	50.498	758	0.00902
12:24:22	37.82043	50.498	760	0.01804
12:24:24	37.82945	50.51	762	0.00902
12:24:26	37.82043	50.498	764	0.01804
12:24:28	37.82945	50.51	766	0.00902
12:24:30	37.82945	50.51	768	0.00902
12:24:32	37.82945	50.51	770	0.00902
12:24:34	37.82043	50.51	772	0.01804

END OF DATA FILE OF DATALOGGER FOR WINDOWS

MW-3 Slug Out

Data file for DataLogger.

=====

COMPANY : <Company name>

COMP.STATUS: Do

DATE : 30/01/2018

TIME : 11:15:32

FILENAME : C:\Documents and Settings\Administrator\Application Data\DiverOffice\A to Z Sales\CSV\m

CREATED BY : Diver-Office 9.2.0.17

===== BEGINNING OF DATA =====

[Logger settings]

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

[Channel 2]

Identification =TEMPERATURE

Reference level =-4.000 °F

Range =180.000 °F

[Series settings]

Serial number =..00-P9769 215.

Instrument number = UTC-5

Location =mw-3_2

Sample period =00 00:00:02 0

Sample method =T

Start date / time =49:05:11 30/01/18

End date / time =19:15:11 30/01/18

[Channel 1 from data header]

Identification =PRESSURE

Reference level =13.12336 ft

Range =90.22310 ft

Master level =0 m

Altitude =0 ft

[Channel 2 from data header]

Identification =TEMPERATURE

MW-3 Slug Out

Reference level =-4.000 °F

Range =180.000 °F

Date/time	Pressure[ft	Temperature[°F]	Adjusted Time	Drawdown
11:05:49	36.16333	51.074		-0.00902
11:05:51	36.16333	51.074		-0.00902
11:05:53	36.15431	51.074		0
11:05:55	36.15431	51.086		0
11:05:57	36.16333	51.086		-0.00902
11:05:59	36.15431	51.086		0
11:06:01	36.14529	51.098		0.00902
11:06:03	36.15431	51.086		0
11:06:05	36.15732	51.098		-0.00301
11:06:07	36.14529	51.098		0.00902
11:06:09	36.15732	51.098		-0.00301
11:06:11	36.16333	51.086		-0.00902
11:06:13	36.15732	51.098		-0.00301
11:06:15	36.15732	51.098		-0.00301
11:06:17	36.15732	51.098		-0.00301
11:06:19	36.14529	51.098		0.00902
11:06:21	36.15431	51.086		0
11:06:23	34.9363	51.098	2	1.21801
11:06:25	35.0596	51.086	4	1.09471
11:06:27	35.20396	51.098	6	0.95035
11:06:29	35.34531	51.098	8	0.809
11:06:31	35.46861	51.11	10	0.6857
11:06:33	35.57387	51.11	12	0.58044
11:06:35	35.64906	51.11	14	0.50525
11:06:37	35.70921	51.098	16	0.4451
11:06:39	35.7453	51.098	18	0.40901
11:06:41	35.78439	51.098	20	0.36992
11:06:43	35.82048	51.086	22	0.33383
11:06:45	35.83853	51.086	24	0.31578
11:06:47	35.85958	51.086	26	0.29473
11:06:49	35.8686	51.086	28	0.28571
11:06:51	35.87762	51.086	30	0.27669
11:06:53	35.88665	51.086	32	0.26766
11:06:55	35.89567	51.086	34	0.25864
11:06:57	35.90469	51.086	36	0.24962
11:06:59	35.91672	51.086	38	0.23759
11:07:01	35.92574	51.086	40	0.22857
11:07:03	35.92574	51.086	42	0.22857
11:07:05	35.93477	51.086	44	0.21954
11:07:07	35.94379	51.086	46	0.21052
11:07:09	35.93477	51.086	48	0.21954
11:07:11	35.94379	51.086	50	0.21052

MW-3 Slug Out

11:07:13	35.95281	51.086	52	0.2015
11:07:15	35.95281	51.086	54	0.2015
11:07:17	35.96183	51.086	56	0.19248
11:07:19	35.97386	51.086	58	0.18045
11:07:21	35.96484	51.098	60	0.18947
11:07:23	35.97386	51.098	62	0.18045
11:07:25	35.97386	51.098	64	0.18045
11:07:27	35.97386	51.098	66	0.18045
11:07:29	35.98589	51.098	68	0.16842
11:07:31	35.98589	51.098	70	0.16842
11:07:33	35.98589	51.098	72	0.16842
11:07:35	35.99491	51.098	74	0.1594
11:07:37	35.99491	51.098	76	0.1594
11:07:39	36.00093	51.086	78	0.15338
11:07:41	36.00093	51.086	80	0.15338
11:07:43	36.00995	51.086	82	0.14436
11:07:45	36.00995	51.086	84	0.14436
11:07:47	36.00995	51.074	86	0.14436
11:07:49	36.01897	51.074	88	0.13534
11:07:51	36.01897	51.074	90	0.13534
11:07:53	36.01897	51.062	92	0.13534
11:07:55	36.031	51.062	94	0.12331
11:07:57	36.031	51.062	96	0.12331
11:07:59	36.031	51.05	98	0.12331
11:08:01	36.04003	51.05	100	0.11428
11:08:03	36.031	51.05	102	0.12331
11:08:05	36.04003	51.05	104	0.11428
11:08:07	36.04905	51.05	106	0.10526
11:08:09	36.04905	51.038	108	0.10526
11:08:11	36.04003	51.038	110	0.11428
11:08:13	36.04905	51.038	112	0.10526
11:08:15	36.04303	51.026	114	0.11128
11:08:17	36.04303	51.026	116	0.11128
11:08:19	36.04303	51.026	118	0.11128
11:08:21	36.05206	51.026	120	0.10225
11:08:23	36.05807	51.014	122	0.09624
11:08:25	36.05807	51.014	124	0.09624
11:08:27	36.05807	51.014	126	0.09624
11:08:29	36.05807	51.014	128	0.09624
11:08:31	36.06709	51.014	130	0.08722
11:08:33	36.06709	51.014	132	0.08722
11:08:35	36.06709	51.014	134	0.08722
11:08:37	36.06709	51.002	136	0.08722
11:08:39	36.06709	51.002	138	0.08722
11:08:41	36.06709	51.002	140	0.08722
11:08:43	36.06709	51.002	142	0.08722
11:08:45	36.07612	51.002	144	0.07819

MW-3 Slug Out

11:08:47	36.06709	51.002	146	0.08722
11:08:49	36.07612	51.002	148	0.07819
11:08:51	36.07612	51.002	150	0.07819
11:08:53	36.07612	51.002	152	0.07819
11:08:55	36.07612	51.002	154	0.07819
11:08:57	36.08815	50.99	156	0.06616
11:08:59	36.08815	50.99	158	0.06616
11:09:01	36.08815	50.99	160	0.06616
11:09:03	36.08815	50.99	162	0.06616
11:09:05	36.08815	50.99	164	0.06616
11:09:07	36.08815	50.99	166	0.06616
11:09:09	36.08815	50.99	168	0.06616
11:09:11	36.08815	50.99	170	0.06616
11:09:13	36.09717	50.99	172	0.05714
11:09:15	36.08815	50.99	174	0.06616
11:09:17	36.09717	50.99	176	0.05714
11:09:19	36.09717	50.99	178	0.05714
11:09:21	36.09717	50.978	180	0.05714
11:09:23	36.09717	50.978	182	0.05714
11:09:25	36.09717	50.978	184	0.05714
11:09:27	36.09717	50.978	186	0.05714
11:09:29	36.09717	50.978	188	0.05714
11:09:31	36.09717	50.978	190	0.05714
11:09:33	36.09717	50.978	192	0.05714
11:09:35	36.09717	50.978	194	0.05714
11:09:37	36.10619	50.978	196	0.04812
11:09:39	36.10619	50.978	198	0.04812
11:09:41	36.10619	50.978	200	0.04812
11:09:43	36.10619	50.978	202	0.04812
11:09:45	36.10619	50.966	204	0.04812
11:09:47	36.10619	50.966	206	0.04812
11:09:49	36.10619	50.966	208	0.04812
11:09:51	36.10619	50.966	210	0.04812
11:09:53	36.10619	50.966	212	0.04812
11:09:55	36.10619	50.966	214	0.04812
11:09:57	36.10619	50.966	216	0.04812
11:09:59	36.10619	50.966	218	0.04812
11:10:01	36.10017	50.954	220	0.05414
11:10:03	36.10017	50.954	222	0.05414
11:10:05	36.10017	50.954	224	0.05414
11:10:07	36.1092	50.954	226	0.04511
11:10:09	36.1092	50.954	228	0.04511
11:10:11	36.1092	50.954	230	0.04511
11:10:13	36.1092	50.954	232	0.04511
11:10:15	36.1092	50.954	234	0.04511
11:10:17	36.1092	50.954	236	0.04511
11:10:19	36.1092	50.954	238	0.04511

MW-3 Slug Out

11:10:21	36.11822	50.954	240	0.03609
11:10:23	36.11822	50.954	242	0.03609
11:10:25	36.1092	50.954	244	0.04511
11:10:27	36.1092	50.954	246	0.04511
11:10:29	36.11521	50.942	248	0.0391
11:10:31	36.11521	50.942	250	0.0391
11:10:33	36.12423	50.942	252	0.03008
11:10:35	36.12423	50.942	254	0.03008
11:10:37	36.12423	50.942	256	0.03008
11:10:39	36.12423	50.942	258	0.03008
11:10:41	36.12423	50.942	260	0.03008
11:10:43	36.12423	50.942	262	0.03008
11:10:45	36.12423	50.942	264	0.03008
11:10:47	36.12423	50.942	266	0.03008
11:10:49	36.12423	50.942	268	0.03008
11:10:51	36.12423	50.942	270	0.03008
11:10:53	36.12423	50.942	272	0.03008
11:10:55	36.12423	50.942	274	0.03008
11:10:57	36.12423	50.942	276	0.03008
11:10:59	36.12423	50.942	278	0.03008
11:11:01	36.13326	50.93	280	0.02105
11:11:03	36.12423	50.93	282	0.03008
11:11:05	36.12423	50.93	284	0.03008
11:11:07	36.12423	50.93	286	0.03008
11:11:09	36.12423	50.93	288	0.03008
11:11:11	36.12423	50.93	290	0.03008
11:11:13	36.12423	50.93	292	0.03008
11:11:15	36.12423	50.93	294	0.03008
11:11:17	36.12423	50.93	296	0.03008
11:11:19	36.13326	50.93	298	0.02105
11:11:21	36.13326	50.918	300	0.02105
11:11:23	36.13326	50.918	302	0.02105
11:11:25	36.13326	50.918	304	0.02105
11:11:27	36.13326	50.918	306	0.02105
11:11:29	36.12423	50.918	308	0.03008
11:11:31	36.13326	50.918	310	0.02105
11:11:33	36.13326	50.918	312	0.02105
11:11:35	36.13326	50.906	314	0.02105
11:11:37	36.13326	50.906	316	0.02105
11:11:39	36.13326	50.906	318	0.02105
11:11:41	36.13326	50.906	320	0.02105
11:11:43	36.13326	50.906	322	0.02105
11:11:45	36.13326	50.906	324	0.02105
11:11:47	36.13326	50.906	326	0.02105
11:11:49	36.13326	50.894	328	0.02105
11:11:51	36.13326	50.894	330	0.02105
11:11:53	36.13326	50.894	332	0.02105

MW-3 Slug Out

11:11:55	36.13326	50.894	334	0.02105
11:11:57	36.13326	50.894	336	0.02105
11:11:59	36.13326	50.894	338	0.02105
11:12:01	36.13326	50.894	340	0.02105
11:12:03	36.13326	50.894	342	0.02105
11:12:05	36.12724	50.882	344	0.02707
11:12:07	36.12724	50.882	346	0.02707
11:12:09	36.12724	50.882	348	0.02707
11:12:11	36.12724	50.882	350	0.02707
11:12:13	36.12724	50.882	352	0.02707
11:12:15	36.12724	50.882	354	0.02707
11:12:17	36.13626	50.882	356	0.01805
11:12:19	36.12724	50.882	358	0.02707
11:12:21	36.13326	50.87	360	0.02105
11:12:23	36.13326	50.87	362	0.02105
11:12:25	36.13326	50.87	364	0.02105
11:12:27	36.13326	50.87	366	0.02105
11:12:29	36.13326	50.87	368	0.02105
11:12:31	36.13326	50.87	370	0.02105
11:12:33	36.12423	50.87	372	0.03008
11:12:35	36.13326	50.87	374	0.02105
11:12:37	36.13326	50.87	376	0.02105
11:12:39	36.13326	50.87	378	0.02105
11:12:41	36.13326	50.87	380	0.02105
11:12:43	36.14529	50.858	382	0.00902
11:12:45	36.13326	50.858	384	0.02105
11:12:47	36.13326	50.858	386	0.02105
11:12:49	36.13326	50.858	388	0.02105
11:12:51	36.14529	50.858	390	0.00902
11:12:53	36.13326	50.858	392	0.02105
11:12:55	36.13326	50.858	394	0.02105
11:12:57	36.14529	50.858	396	0.00902
11:12:59	36.13326	50.858	398	0.02105
11:13:01	36.13326	50.858	400	0.02105
11:13:03	36.14529	50.858	402	0.00902
11:13:05	36.14529	50.858	404	0.00902
11:13:07	36.14529	50.858	406	0.00902
11:13:09	36.14529	50.846	408	0.00902
11:13:11	36.14529	50.846	410	0.00902
11:13:13	36.14529	50.858	412	0.00902
11:13:15	36.14529	50.846	414	0.00902
11:13:17	36.13326	50.846	416	0.02105
11:13:19	36.14529	50.846	418	0.00902
11:13:21	36.14529	50.846	420	0.00902
11:13:23	36.14529	50.846	422	0.00902
11:13:25	36.14529	50.846	424	0.00902
11:13:27	36.14529	50.846	426	0.00902

MW-3 Slug Out

11:13:29	36.14529	50.846	428	0.00902
11:13:31	36.14529	50.846	430	0.00902
11:13:33	36.14529	50.846	432	0.00902
11:13:35	36.14529	50.846	434	0.00902
11:13:37	36.14529	50.834	436	0.00902
11:13:39	36.14529	50.846	438	0.00902
11:13:41	36.14529	50.834	440	0.00902
11:13:43	36.14529	50.834	442	0.00902
11:13:45	36.14529	50.834	444	0.00902
11:13:47	36.14529	50.834	446	0.00902
11:13:49	36.14529	50.834	448	0.00902
11:13:51	36.14529	50.834	450	0.00902
11:13:53	36.14529	50.834	452	0.00902
11:13:55	36.14529	50.834	454	0.00902
11:13:57	36.14529	50.834	456	0.00902
11:13:59	36.14529	50.834	458	0.00902
11:14:01	36.14529	50.834	460	0.00902
11:14:03	36.15431	50.834	462	0
11:14:05	36.15431	50.834	464	0
11:14:07	36.14529	50.822	466	0.00902
11:14:09	36.14529	50.834	468	0.00902
11:14:11	36.14529	50.822	470	0.00902
11:14:13	36.14529	50.822	472	0.00902
11:14:15	36.14529	50.822	474	0.00902
11:14:17	36.14529	50.822	476	0.00902
11:14:19	36.14529	50.822	478	0.00902
11:14:21	36.14529	50.822	480	0.00902
11:14:23	36.14529	50.822	482	0.00902
11:14:25	36.14529	50.822	484	0.00902
11:14:27	36.14529	50.822	486	0.00902
11:14:29	36.14529	50.822	488	0.00902
11:14:31	36.14529	50.822	490	0.00902
11:14:33	36.14529	50.822	492	0.00902
11:14:35	36.14529	50.822	494	0.00902
11:14:37	36.15431	50.822	496	0
11:14:39	36.15431	50.822	498	0
11:14:41	36.14529	50.822	500	0.00902
11:14:43	36.15431	50.822	502	0
11:14:45	36.15431	50.822	504	0
11:14:47	36.14529	50.822	506	0.00902
11:14:49	36.15431	50.822	508	0
11:14:51	36.15431	50.822	510	0
11:14:53	36.15431	50.822	512	0
11:14:55	36.13626	50.81	514	0.01805
11:14:57	36.13626	50.81	516	0.01805
11:14:59	36.13626	50.81	518	0.01805
11:15:01	36.14529	50.822	520	0.00902

MW-3 Slug Out

11:15:03	36.13626	50.81	522	0.01805
11:15:05	36.14529	50.81	524	0.00902
11:15:07	36.13626	50.81	526	0.01805
11:15:09	36.14529	50.81	528	0.00902
11:15:11	36.13626	50.81	530	0.01805
11:15:13	36.13626	50.81	532	0.01805
11:15:15	36.14529	50.81	534	0.00902
11:15:17	36.15431	50.798	536	0
11:15:19	36.15431	50.798	538	0

END OF DATA FILE OF DATALOGGER FOR WINDOWS

APPENDIX F/ QUALIFICATIONS OF METCO PERSONNEL

**Site Investigation Report — METCO
A to Z Sales & Service**

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
A to Z Sales & Service**

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
A to Z Sales & Service**

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
A to Z Sales & Service**

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
A to Z Sales & Service**

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.

**Site Investigation Report — METCO
A to Z Sales & Service**

Kaylin D. Felix

Professional Title

- Hydrogeologist

Credentials

- Registered through the Wisconsin Department of Safety and Professional Services as a PECFA consultant (#1564301).

Education

Includes B.S. in Geology (Hydrogeology) from the University of Wisconsin- Oshkosh. Applicable courses successfully completed include Physical Hydrogeology, Chemical Hydrogeology, Applied Geologic Field Methods, Field Geology, Mineralogy, Sedimentology, Lithology, Evolution of Earth, Physical Geology, Structural Geology and Tectonics, Glacial Geology, Geophysics and Geotectonics, Geochemistry, Water Resource Management and Geographic Informational Systems.

Work Experience

With METCO since April, 2018 as Hydrogeologist. 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
A to Z Sales & Service**

Maxwell Wannow

Professional Title

- Hydrogeologist

Credentials

- Registered through the Wisconsin Department of Safety and Professional Services as a PECFA consultant (#55909).

Education

Includes B.S. in Geology (Professional Geology) from the University of Wisconsin- Oshkosh. Applicable courses successfully completed include Geochemistry, Geophysics, Sedimentology, Field Geology, Stratigraphy and Basin Analysis, Sedimentary Petrology, Structural Geology, Mineralogy, Lithology, Paleontology, Evolution of Earth, and Physical Geology.

Work Experience

With METCO since June, 2018 as Hydrogeologist. 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
A to Z Sales & Service**

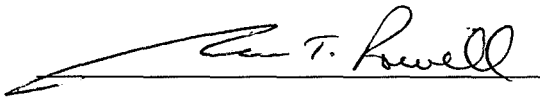
STANDARD OF CARE

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.

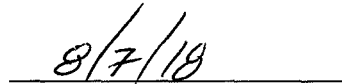
All work conducted by METCO is in accordance with currently accepted hydrogeologic and engineering practices and they neither imply nor intend warranty.

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.

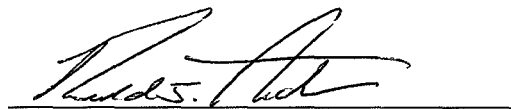


Jason T. Powell
Staff Scientist

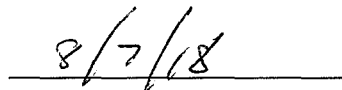


Date

"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