Site Investigation Report

Pilsner Ford (Former)
207 West Street
Juneau, Wisconsin

November 6, 2018
by METCO
WDNR File Reference #: 03-14-530057
PECFA Claim #: 53039-9999-07

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This document was prepared by:

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Senior Hydrogeologist/Project Manager

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November 6, 2018

WDNR BRRTS#: 03-14-530057
PECFA Claim #: 53039-9999-07

Erin Niemisto
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711

Dear Ms. Niemisto,

Enclosed is our "Site Investigation Report" concerning the Pilsner Ford (Former) site in Juneau, 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 practical extent in soil and groundwater.

Unsaturated soil contamination could be addressed with an existing concrete cap and maintenance plan.

Due to elevated and unstable groundwater contaminant levels in the source (likely due to the fluctuating watertable levels), the WDNR will likely require additional groundwater monitoring to move the site toward closure.

Per WDNR response/feedback to this report, METCO will continue the project.

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

Sincerely,

Jason T. Powell
Staff Scientist

C: Dianna Williams – WDNR

EXECUTIVE SUMMARY

An automobile dealership operated on the subject property from at least the 1930s until the late 1970s. After the Pilsner Ford dealership closed in the late 1970s, the property sat vacant for approximately 10-15 years. Dianna Williams purchased the property in 1991 and currently operates a used car dealership and repair shop at this location.

A 1,000-gallon gasoline underground storage tank (UST) formerly existed on the subject property and was used for retail fuel sales. The Wisconsin tank database indicates that this tank was removed on December 15, 1988. Currently a 180-gallon waste oil above ground storage tank (AST) and a 1,000-gallon waste oil AST exist on the subject property. A waste oil burning furnace exists in the building and is used to heat the shop.

On April 25, 2004, Engel & Associates conducted a Phase 2 Environmental Site Assessment (P2ESA) at the subject property. During the P2ESA, two soil borings were completed in the area of the removed gasoline UST with one soil sample from each boring submitted for laboratory analysis (PVOC and Naphthalene). Petroleum contamination was detected in both soil samples and was subsequently reported to the WDNR, who then required that a site investigation be conducted.

The site investigation consisted of two Drilling Projects and four rounds of groundwater sampling. The results of the investigation clearly show that released petroleum products have impacted the local soil, groundwater, and bedrock. Results of the investigation are as follows:

- Local unconsolidated materials generally consist of sandy clay from surface to depths ranging from 7 to 14 feet below ground surface (bgs). The unconsolidated materials are underlain by dolomite bedrock at depths ranging from 7-14 feet below ground surface.

- According to data collected from the monitoring wells, the depth to groundwater ranges from 6.26 to 12.42 feet bgs depending on well location and time of year. According to the watertable measurements collected during the groundwater sampling events, local horizontal groundwater flow in the immediate area of the subject property is generally toward the west-southwest. Groundwater Flow Direction Maps are presented in Section 6.

- An area of unsaturated soil contamination, which exceeds the NR720 Groundwater RCL's and/or Soil Saturation Concentration (C-sat), exists in the area of the removed UST systems, and measures up to 45 feet long, up to 35 feet wide, and up to 10 feet thick.

- An area of unsaturated soil contamination, which exceeds the NR720 Groundwater RCL's, exists approximately 155 feet west of the removed UST system, and measures up to 24 feet long, up to 20 feet wide, and up to 4 feet thick. Please note: MW-7-2 was collected at 8 feet below ground surface, so this is likely smear zone contamination.

- A dissolved phase contaminant plume exceeding the NR140 ES and/or PAL has formed at the watertable in the area of the removed UST system and has migrated toward the west-southwest. This plume measures at least 270 feet long and up to 155 feet wide at its widest point. The groundwater contaminant plume appears to possibly have commingled with groundwater contamination from the closed Dodge County Sheriffs Dept LUST sites (BRRTS# 03-14-001606 and BRRTS# 03-14-002216) to the southeast. Free product was encountered in MW-1 during the January 2018 sampling event, but has not been encountered during any subsequent sampling events.

- Based on the most recent groundwater analytical results, six out of the seven monitoring wells (MW-1 through MW-4 and MW-6 through MW-7) show NR140 ES and/or PAL exceedances. However, it should be noted that monitoring well MW-4 showed ES exceedances for Benzene in the first three sampling events, but reduced to a PAL exceedance in the most recent sampling event.

- Based on the results of the investigation, there does not appear to be risk of vapor intrusion to any buildings, or risk to any water supply wells or surface waters. City utility corridors exist at or below the watertable within the NR140 ES plume. However, the majority of the NR140 ES plume exists on-site, which utility corridors are usually filled with native material.

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 practical extent in soil and groundwater.

Unsaturated soil contamination could be addressed with an existing concrete cap and maintenance plan.

Due to elevated and unstable groundwater contaminant levels in the source area (likely due to the fluctuating watertable levels), the WDNR will likely require additional groundwater monitoring to move the site toward closure.

LIST OF ACRONYMS

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

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1.0 INTRODUCTION AND BACKGROUND

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

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

1) Determine the extent and degree of petroleum contamination in the environment.

2) Determine if any risks exist to the environment or public health.

3) As conditions warrant, bring the site to closure.

1.1 Responsible Party Information

Dianna Williams
207 West St.
Juneau, WI 53039
920-210-1490

1.2 Consultant Information

Consultant

METCO
Ronald J. Anderson P.G.
Jason T. Powell
709 Gillette Street, Suite 3
La Crosse, WI 54603
(608) 781-8879

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

Ground Source
3671 Monroe Road
De Pere, WI 54115
(920) 336-3659

SCS Engineers
2830 Dairy Drive
Madison, WI 53718
(608) 224-2830

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

TestAmerica Laboratories, Inc.
5815 Middlebrook Pike
Knoxville, TN 37921
(865) 291-3000

1.3 Site Location

Site Address:

207 West Street
Juneau, Wisconsin

Latitude and Longitude:
43° 24' 30" N and 88° 42' 18" W

WTM Coordinates:
624844, 326979

Township/Range:
SE ¼, NE ¼, Section 21, Township 11 North, Range 15 East, Dodge County

1.4 Site History

An automobile dealership operated on the subject property from at least the 1930s until the late 1970s. After the Pilsner Ford dealership closed in the late 1970s, the property sat vacant for approximately 10-15 years. Dianna Williams purchased the property in 1991 and currently operates a used car dealership and repair shop at this location.

A 1,000-gallon gasoline underground storage tank (UST) formerly existed on the subject property and was used for retail fuel sales. The Wisconsin tank database indicates that this tank was removed on December 15, 1988. Currently a 180-gallon waste oil above ground storage tank (AST) and a 1,000-gallon waste oil AST exist on the subject property. A waste oil burning furnace exists in the building and is used to heat the shop.

On April 25, 2004, Engel & Associates conducted a Phase 2 Environmental Site Assessment (P2ESA) at the subject property. During the P2ESA, two soil borings were completed in the area of the removed gasoline UST with one soil sample from each boring submitted for laboratory analysis

(PVOC and Naphthalene). Petroleum contamination was detected in both soil samples and was subsequently reported to the WDNR, who then required that a site investigation be conducted.

Two closed LUST cases (03-14-001606 and 03-14-002216) exist on the Dodge County Sheriffs Department property, which is located approximately 100 feet to the southeast of the subject property.

2.0 GEOLOGY AND RECEPTORS

2.1 Regional and Local Geology and Hydrogeology

Topography and Regional Setting

According to the USGS Hydrologic Atlas, Juneau is located in the northern portion of the Rock-Fox River Basin. This area is characterized by a rolling landscape shaped by the underlying bedrock surface and glacial deposits of varying thickness.

The elevation of the site is approximately 915 feet above Mean Sea Level (MSL). See Appendix A for site location.

Soil and Bedrock

Local unconsolidated materials generally consist of gray, tan, brown, and green sandy clay from surface to depths ranging from 7 to 14 feet below ground surface (bgs).

The unconsolidated materials are underlain by gray to tan dolomite bedrock at depths ranging from 7 to 14 feet below ground surface.

Hydrogeology

According to data collected from the monitoring wells, the depth to groundwater ranges from 6.26 to 12.42 feet bgs depending on well location and time of year. According to the watertable measurements collected during the groundwater sampling events, local horizontal groundwater flow in the immediate area of the subject property is generally toward the west-southwest. 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, gas, 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 telephone/fiber optic lines and buried electric lines exist at approximately 2 feet bgs. The storm sewer line is buried at approximately 8 feet bgs. The water line is buried approximately 7 feet bgs. The sanitary sewer line exists approximately 11 feet bgs.

The city utility corridors exist at or below the watertable. Backfill for these utilities in the street consists of clear stone bedding (gravel). Therefore, these utility corridors may be acting as potential contamination migration pathways. However, the majority of the NR140 ES plume exists on-site, which utility corridors are usually filled with native material.

The extent of petroleum contamination in groundwater exceeding the NR140 ES and/or PAL extends beneath the building at 207 West Street. However, according to the sub-slab vapor results, there does not appear to be any risk of vapor intrusion to the building.

Municipal and Private Water Supply Wells

The subject property and surrounding properties are all served by the Village of Juneau municipal water supply. The Village of Juneau has three municipal water supply wells. Municipal well #1 is located 700 feet to the south-southeast of the subject property. Municipal well #2 is located 1,500 feet to the southeast of the subject property. Municipal well #3 is located 2,250 feet to the southwest of the subject property. There are no private water supply wells in the Village of Juneau.

Surface Waters

The nearest surface water is a small unnamed pond, which is located approximately 2,600 feet to the northwest 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 17, 2017, METCO prepared a LUST Investigation Field Procedures Workplan.
2) On April 3-4, 2017, METCO personnel supervised the completion of four monitoring wells (MW-1 through MW-4) to 16 feet below ground surface (bgs) and five soil borings (B-1 through B-5) to depths ranging from 7.25 to 10 feet bgs. Twenty-five soil samples were collected for field and/or laboratory analysis. Upon completion, the monitoring wells were properly developed and the soil borings were properly abandoned.
3) On May 3, 2017, METCO personnel collected groundwater samples from the four 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.
4) On November 10, 2017, METCO personnel supervised the completion of three monitoring wells (MW-5 through MW-7) to 15 feet bgs and one soil boring (B-6) to 6 feet bgs. Twelve soil samples were collected for field and/or laboratory analysis. A composite soil sample for waste disposal characterization was also collected for laboratory analysis. Soil boring B-6 was originally proposed to be a well location, but was eliminated due to a suspected, unmarked storm sewer running along West Street in the location of the boring. Upon completion, the monitoring wells were properly developed and the soil boring was properly abandoned.
5) On January 10, 2018, METCO personnel collected groundwater samples from the seven monitoring wells (MW-1 through MW-7) for field and laboratory analysis (Round 2). During the groundwater sampling event, METCO personnel surveyed monitoring wells MW-5 through MW-7 to feet mean sea level.

6) On April 20, 2018, METCO personnel collected groundwater samples from the seven monitoring wells (MW-1 through MW-7) for field and laboratory analysis (Round 3).
7) On May 8, 2018, METCO personnel supervised the installation of three Sub-Slab Vapor Sampling ports in the onsite building (207 West Street). Three sub-slab vapor samples (VS-1 through VS-3) were collected for laboratory analysis.
8) On July 12, 2018, METCO personnel collected groundwater samples from the seven monitoring wells (MW-1 through MW-7) for field and laboratory analysis (Round 4).

Site Access Problems

Sub-Slab Vapor Sampling was originally scheduled to occur during the April 2018 groundwater sampling event (Round 3), but had to be rescheduled due to the owner of the building's inability to be present during the sampling.

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 April 3-4, 2017, during the Drilling Project, nine soil borings were completed to depths ranging from 7.25 to 20 feet bgs. Twenty-five soil samples were collected for field analysis (PID) and geologic description. Twelve soil samples were submitted for laboratory analysis (VOC, PVOC, Naphthalene, and/or Lead).

On November 10, 2017, during the Drilling Project, four soil borings were completed to depths ranging from 6 to 15.5 feet bgs. Twelve soil samples were collected for field analysis (PID) and geologic description. One soil sample was submitted for laboratory analysis (PVOC and Naphthalene). One additional soil sample, which was a composite sample of the soil waste, was collected for laboratory analysis (DRO and TCLP-Lead) to be used by the landfill for waste disposal characterization.

Soil analytical results are summarized in the Soil Analytical Results Tables with exceedances of the NR720 Groundwater RCL and/or Soil Saturation (C-Sat) values noted.

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

Groundwater Sampling Data

On April 3-4, 2017, during the drilling project, four monitoring wells were installed to 16 feet bgs. Upon completion, the monitoring wells were properly developed.

On May 3, 2017, METCO personnel collected groundwater samples from the four monitoring wells (MW-1 through MW-4) for field (Water Level, Dissolved Oxygen, pH, ORP, Temperature, and Specific Conductivity) and laboratory analysis (VOC, Dissolved Lead, Dissolved Iron, Dissolved Manganese, Nitrate/Nitrite, and Sulfate).

On November 10, 2017, during the drilling project, three monitoring wells were installed to 15 feet bgs. Upon completion, the monitoring wells were properly developed.

On January 10, 2018, METCO personnel collected groundwater samples from the seven monitoring wells (MW-1 through MW-7) for field (Water Level, Dissolved Oxygen, pH, ORP, Temperature, and Specific Conductivity) and laboratory analysis (VOC, PVOC, Naphthalene, and Dissolved Lead).

On April 20, 2018, METCO personnel collected groundwater samples from the seven monitoring wells (MW-1 through MW-7) for field (Water Level, Dissolved Oxygen, pH, ORP, Temperature, and Specific Conductivity) and laboratory analysis (PVOC, Naphthalene, and Dissolved Lead).

On July 12, 2018, METCO personnel collected groundwater samples from the seven monitoring wells (MW-1 through MW-7) 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.

Sub-Slab Vapor Sampling Data

On May 8, 2018, SCS of Madison, Wisconsin installed three sub-slab vapor sampling ports at the on-site building at 207 West Street (VS-1 through VS-3). The sub-slab vapor sampling ports were constructed by drilling a ½-inch pilot hole through the concrete slab and several inches into the sub slab material with a hammer drill. A 1½-inch outer hole is then drilled to depths ranging from ¾ -inch to 1-inch, depending on the concrete slab thickness. The holes were cleaned of dust and drilling debris using a shop-vac. A stainless-steel vapor pin is installed in the inner hole with a silicon sleeve to obtain an air tight seal with the concrete floor. The remainder of the hole is sealed with hydrated bentonite and a water dam test was conducted to confirm that the seal is air tight.

On May 8, 2018, SCS of Madison, Wisconsin installed three sub-slab vapor sampling ports at the on-site building at 207 West Street (VS-1 through VS-3) for TO-15 (PVOC and Naphthalene) analysis. Vapor samples were collected by using a short length of Teflon tubing to connect the sampling port and a 6-liter Suma canister. The air samples were collected using a Suma canister with a flow regulator that allowed the sub-slab vapor samples to be collected over a 30-minute period. Prior to collecting the sub-slab vapor samples, a shut-in test was conducted to assure that the fittings between the sample probe and sampling container are air tight. No leaks were detected.

Sub-Slab Vapor 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.

Laboratory Certification

Synergy Environmental Lab

Wisconsin Lab Certification #445037560

3.3 Permeability and Hydraulic Conductivity

Slug tests on the monitoring wells were not part of this site investigation, however based on the soil boring logs, it appears that the watertable is located within dolomite. Book values for the hydraulic conductivity of dolomite range from $1X10^{-7}$ cm/sec to $6X10^{-4}$ cm/sec. Based on the Groundwater Flow Maps for the four rounds of groundwater sampling, the average hydraulic gradient for this site is approximately $1.71X10^{-2}$. Using the above values and assuming 30% porosity, considering the watertable exists mostly in dolomite, the groundwater flow velocity for this site appears to be on average approximately 4.5490 m/year.

3.4 Discussion of Results

- Local unconsolidated materials generally consist of gray, tan, brown, and green sandy clay from surface to depths ranging from 7 to 14 feet below ground surface (bgs). The unconsolidated materials are underlain by gray to tan dolomite bedrock at depths ranging from 7 to 14 feet below ground surface.

- According to data collected from the monitoring wells, the depth to groundwater ranges from 6.26 to 12.42 feet bgs depending on well location and time of year. According to the watertable measurements collected during the groundwater sampling events, local horizontal groundwater flow in the immediate area of the subject property is generally toward the west-southwest. Groundwater Flow Direction Maps are presented in Section 6.

- An area of unsaturated soil contamination, which exceeds the NR720 Groundwater RCL's and/or Soil Saturation Concentration (C-sat), exists in the area of the removed UST systems, and measures up to 45 feet long, up to 35 feet wide, and up to 10 feet thick.

- An area of unsaturated soil contamination, which exceeds the NR720 Groundwater RCL's, exists approximately 155 feet west of the removed UST system, and measures up to 24 feet long, up to 20 feet wide, and up to 4 feet thick. Please note: MW-7-2 was collected at 8 feet below ground surface, so this is likely smear zone contamination.

- A dissolved phase contaminant plume exceeding the NR140 ES and/or PAL has formed at the watertable in the area of the removed UST system and has migrated toward the west-southwest. This plume measures at least 270 feet long and up to 155 feet wide at its widest point. The groundwater contaminant plume appears to possibly have commingled with groundwater contamination from the closed Dodge County Sheriffs Dept LUST sites (BRRTS# 03-14-001606 and BRRTS# 03-14-002216) to the southeast. Free product was encountered in MW-1 during the January 2018 sampling event, but has not been encountered during any subsequent sampling events.

- Based on the most recent groundwater analytical results, six out of the seven monitoring wells (MW-1 through MW-4 and MW-6 through MW-7) show NR140 ES and/or PAL exceedances. However, it should be noted that monitoring well MW-4 showed ES exceedances for Benzene in the first three sampling events, but reduced to a PAL exceedance in the most recent sampling event.

- Based on the results of the investigation, there does not appear to be risk of vapor intrusion to any buildings, or risk to any water supply wells or surface waters. City utility corridors exist at or below the watertable within the NR140 ES plume. However, the majority of the NR140 ES plume exists on-site, which utility corridors are usually filled with native material.

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.

Since Juneau Municipal well #1 is located 700 feet to the south-southeast of the subject property and groundwater contamination exceeding the NR140 ES exists within the dolomite bedrock, the Pilsner Ford (Former) site is currently a "high 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 practical extent in soil and groundwater.

4.2 Recommendations

Unsaturated soil contamination could be addressed with an existing concrete cap and maintenance plan.

Due to elevated and unstable groundwater contaminant levels in the source area (likely due to the fluctuating watertable levels), the WDNR will likely require additional groundwater monitoring to move the site toward closure.

5.0 REFERENCES

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

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

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

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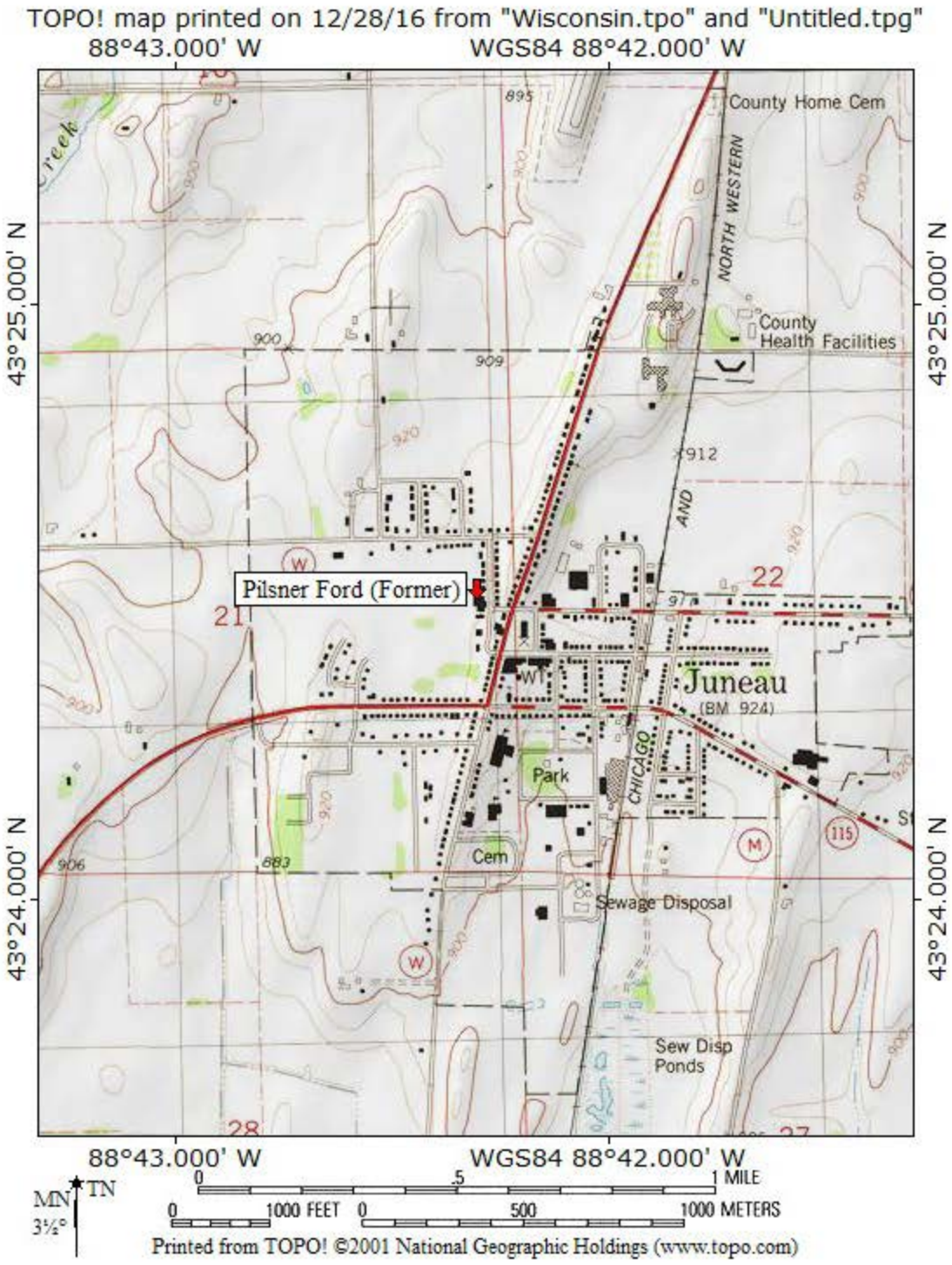
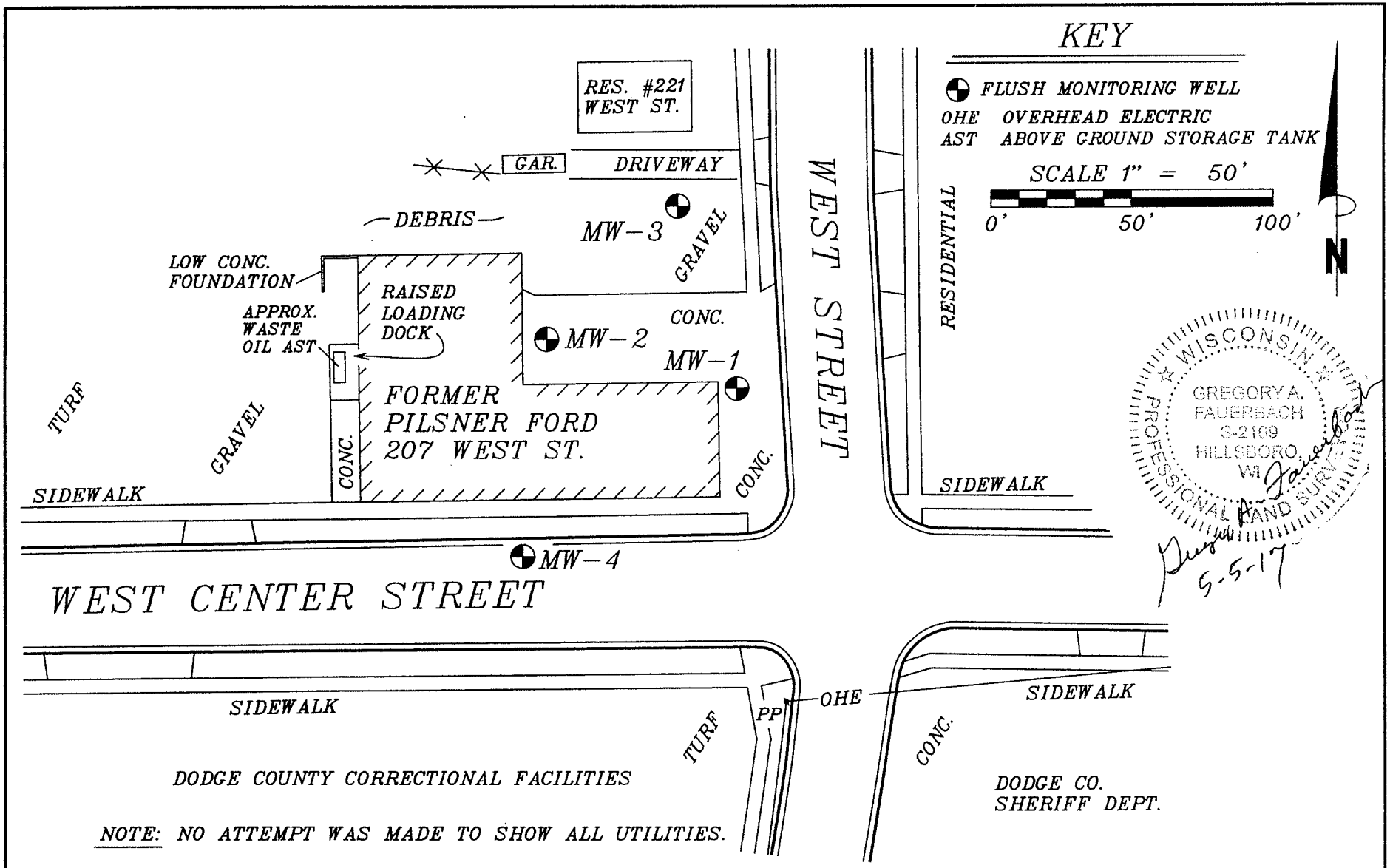
Other information and data was collected from The City of Juneau, Diggers Hotline, Ground Source, Fauerbach Surveying & Engineering, SCS Engineers, Synergy Environmental Lab, TestAmerica Laboratories, Inc., Wisconsin Department of Natural Resources, and local people.

6.0 FIGURES

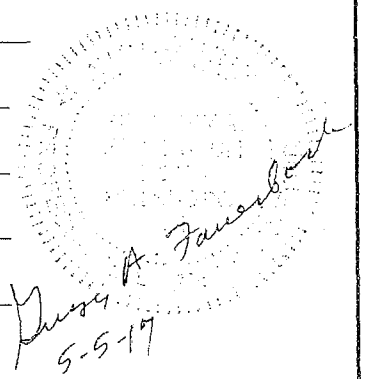


B.1.a LOCATION MAP
CONTOUR INTERVAL 10 FEET
PILSNER FORD (FORMER) – JUNEAU, WI
SEAMLESS USGS TOPOGRAPHIC MAPS ON CD-ROM

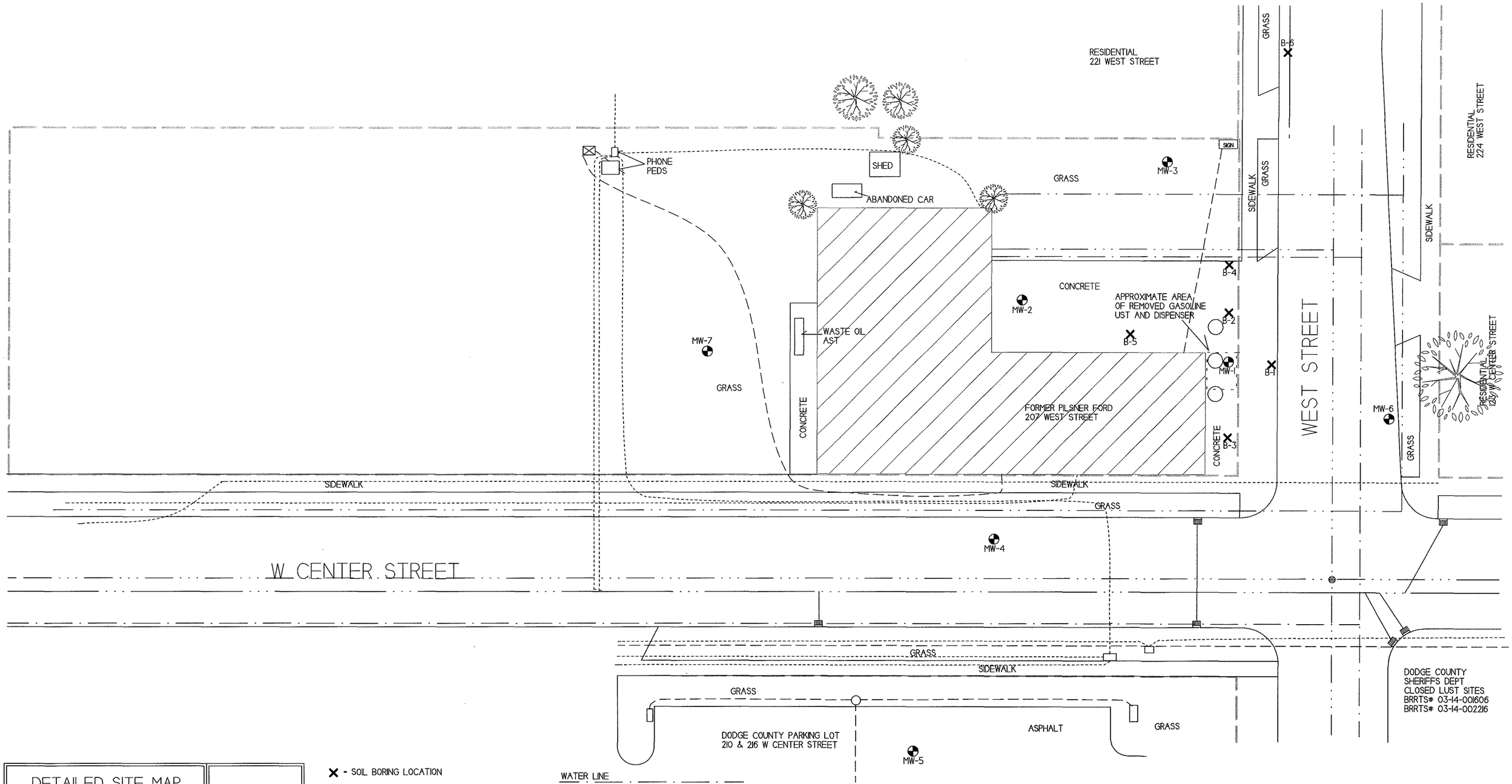


DRAWN BY: GF DATE: 5-3-17 FIELD DWG. NO.: 52217	REVISIONS FAUERBACH SURVEYING & ENG. PO BOX 140, HILLSBORO, WI 54634 PH/FAX 608-489-3363	PROJECT: FORMER PILSNER FORD 207 WEST STREET JUNEAU, WI 53039	SHEET NAME LOCATION MAP	PAGE 1 OF 1

WELL	DODGE COUNTY COORD. SYSTEM NAD83(2011) NORTH	EAST	TOP OF WELL ELEVATION (NAVD 88)	TOP OF PVC CASING ELEVATION (NAVD 88)
MW-1	705643.87	882660.01	912.65'	912.01'
MW-2	705661.68	882591.99	911.68'	911.10'
MW-3	705707.99	882638.70	912.57'	911.80'
MW-4	705584.34	882583.46	911.84'	911.16'



DRAWN BY: GF DATE: 5-3-17 FIELD DWG. NO.: 52217	REVISIONS FAUERBACH SURVEYING & ENG. PO BOX 140, HILLSBORO, WI 54634 PH/FAX 608-489-3363	PROJECT: FORMER PILSNER FORD 207 WEST STREET JUNEAU, WI 53039	SHEET NAME DATA SHEET	PAGE 1 OF 1



DETAILED SITE MAP

PILSNER FORD

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

JUNEAU, WISCONSIN

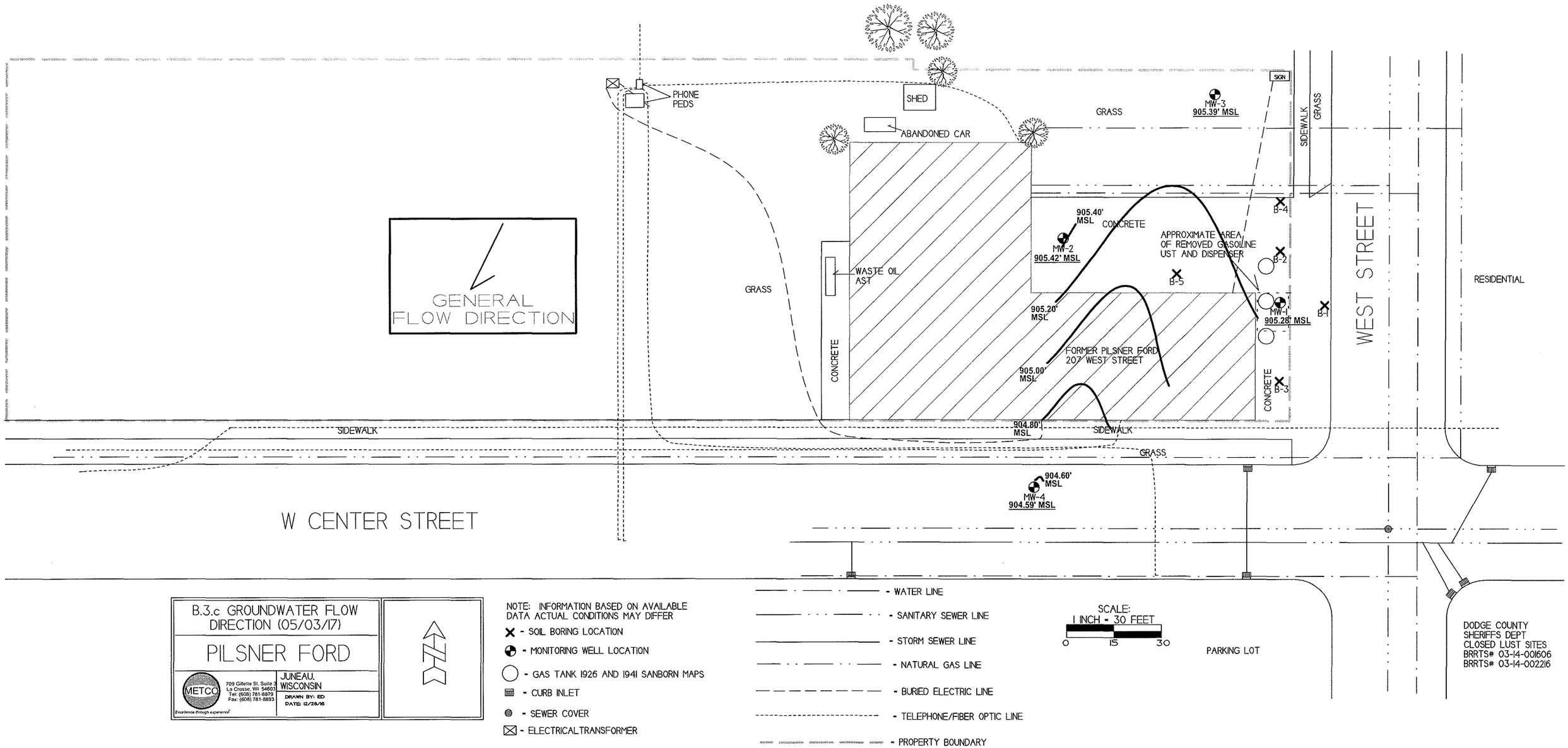
DRAWN BY: ED
DATE: 12/28/16

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

SCALE:
1 INCH = 30 FEET
0 15 30

- X - SOIL BORING LOCATION
- ◔ - MONITORING WELL LOCATION
- ◯ - GAS TANK 1926 AND 1941 SANBORN MAPS
- ▥ - CURB INLET
- ◍ - SEWER COVER
- ⊠ - ELECTRICAL TRANSFORMER

WATER LINE
SANITARY SEWER LINE
STORM SEWER LINE
NATURAL GAS LINE
BURIED ELECTRIC LINE
TELEPHONE/FIBER OPTIC LINE
PROPERTY BOUNDARY



B.3.c GROUNDWATER FLOW DIRECTION (05/03/17)

PILSNER FORD

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

JUNEAU, WISCONSIN

DRAWN BY: ED
DATE: 12/26/16

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- X - SOIL BORING LOCATION
- MONITORING WELL LOCATION
- GAS TANK 1926 AND 1941 SANBORN MAPS
- CURB INLET
- SEWER COVER
- ELECTRICAL TRANSFORMER

- WATER LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- NATURAL GAS LINE
- BURIED ELECTRIC LINE
- TELEPHONE/FIBER OPTIC LINE
- PROPERTY BOUNDARY

SCALE:
1 INCH = 30 FEET
0 15 30

RESIDENTIAL
221 WEST STREET

RESIDENTIAL
224 WEST STREET

PHONE PEDS

SHED

ABANDONED CAR

GRASS

SIGN

902.11' MSL
MW-3

SIDEWALK

GRASS

B-6

B-4

CONCRETE

900.80' MSL
MW-2

APPROXIMATE AREA OF REMOVED GASOLINE UST AND DISPENSER

B-2

B-5

WASTE OIL AST

MW-7
899.18' MSL

GRASS

CONCRETE

FREE PRODUCT

MW-1

B-1

FORMER PILSNER FORD
207 WEST STREET

CONCRETE

B-3

WEST STREET

902.53' MSL
MW-6

902.50' MSL

GRASS

SIDEWALK

RESIDENTIAL
125 W CENTER STREET

GENERAL FLOW DIRECTION

SIDEWALK

SIDEWALK

902.00' MSL

GRASS

900.21' MSL
MW-4

901.50' MSL

W CENTER STREET

901.00' MSL

GRASS

900.50' MSL

SIDEWALK

GRASS

899.50' MSL

900.00' MSL

ASPHALT

GRASS

DODGE COUNTY PARKING LOT
210 & 216 W CENTER STREET

899.55' MSL
MW-5

DODGE COUNTY
SHERIFFS DEPT
CLOSED LUST SITES
BRRTS# 03-14-001606
BRRTS# 03-14-002216

B.3.c GROUNDWATER FLOW DIRECTION (01/10/18)

PILSNER FORD

JUNEAU, WISCONSIN

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

DRAWN BY: ED
DATE: 12/28/16

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

SCALE:
1 INCH = 30 FEET
0 15 30

- X - SOIL BORING LOCATION
- ◒ - MONITORING WELL LOCATION
- ◯ - GAS TANK 1926 AND 1941 SANBORN MAPS
- ▥ - CURB INLET
- ◍ - SEWER COVER
- ⊠ - ELECTRICAL TRANSFORMER

WATER LINE

SANITARY SEWER LINE

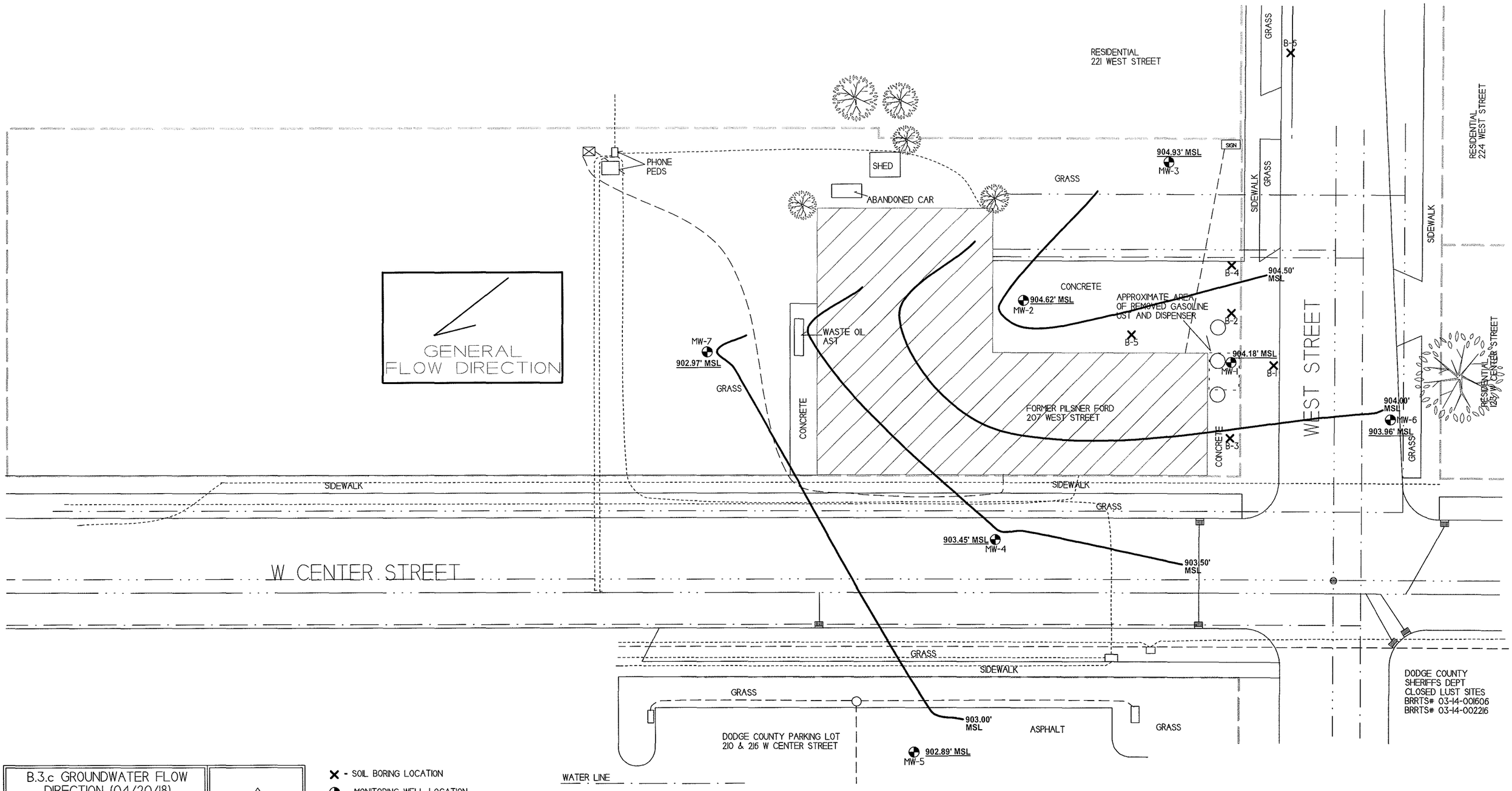
STORM SEWER LINE

NATURAL GAS LINE

BURIED ELECTRIC LINE

TELEPHONE/FIBER OPTIC LINE

PROPERTY BOUNDARY



B.3.c GROUNDWATER FLOW DIRECTION (04/20/18)

PILSNER FORD

JUNEAU, WISCONSIN

DRAWN BY: ED

DATE: 12/28/16

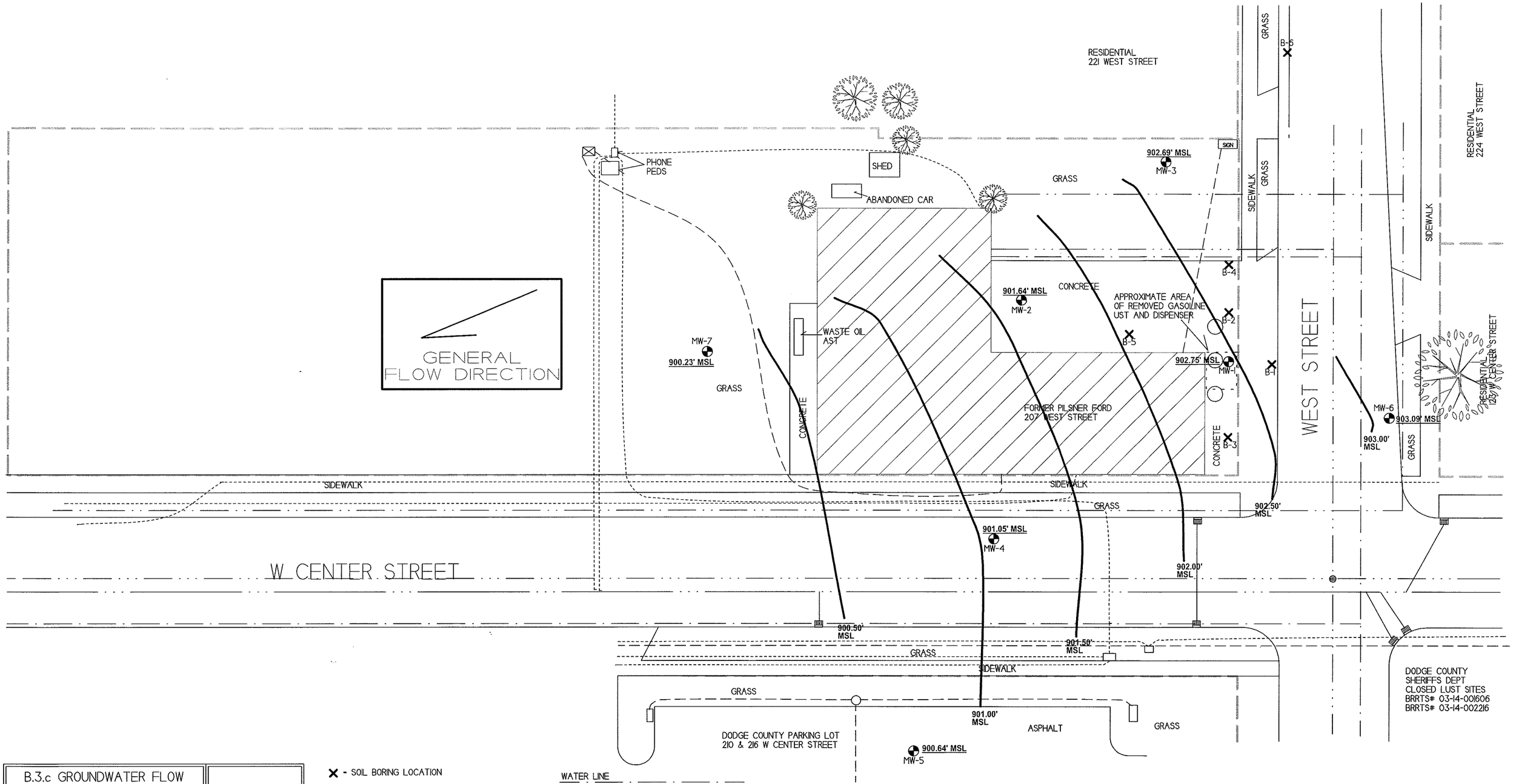
METCO
709 Gillette St. Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience!

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

SCALE:
1 INCH = 30 FEET
0 15 30

- X - SOIL BORING LOCATION
- ◔ - MONITORING WELL LOCATION
- ◯ - GAS TANK 1926 AND 1941 SANBORN MAPS
- ▦ - CURB INLET
- ◍ - SEWER COVER
- ⊠ - ELECTRICAL TRANSFORMER

WATER LINE
SANITARY SEWER LINE
STORM SEWER LINE
NATURAL GAS LINE
BURIED ELECTRIC LINE
TELEPHONE/FIBER OPTIC LINE
PROPERTY BOUNDARY



B.3.c GROUNDWATER FLOW DIRECTION (07/12/18)

PILSNER FORD

METCO
709 Gillette St, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience
JUNEAU. WISCONSIN

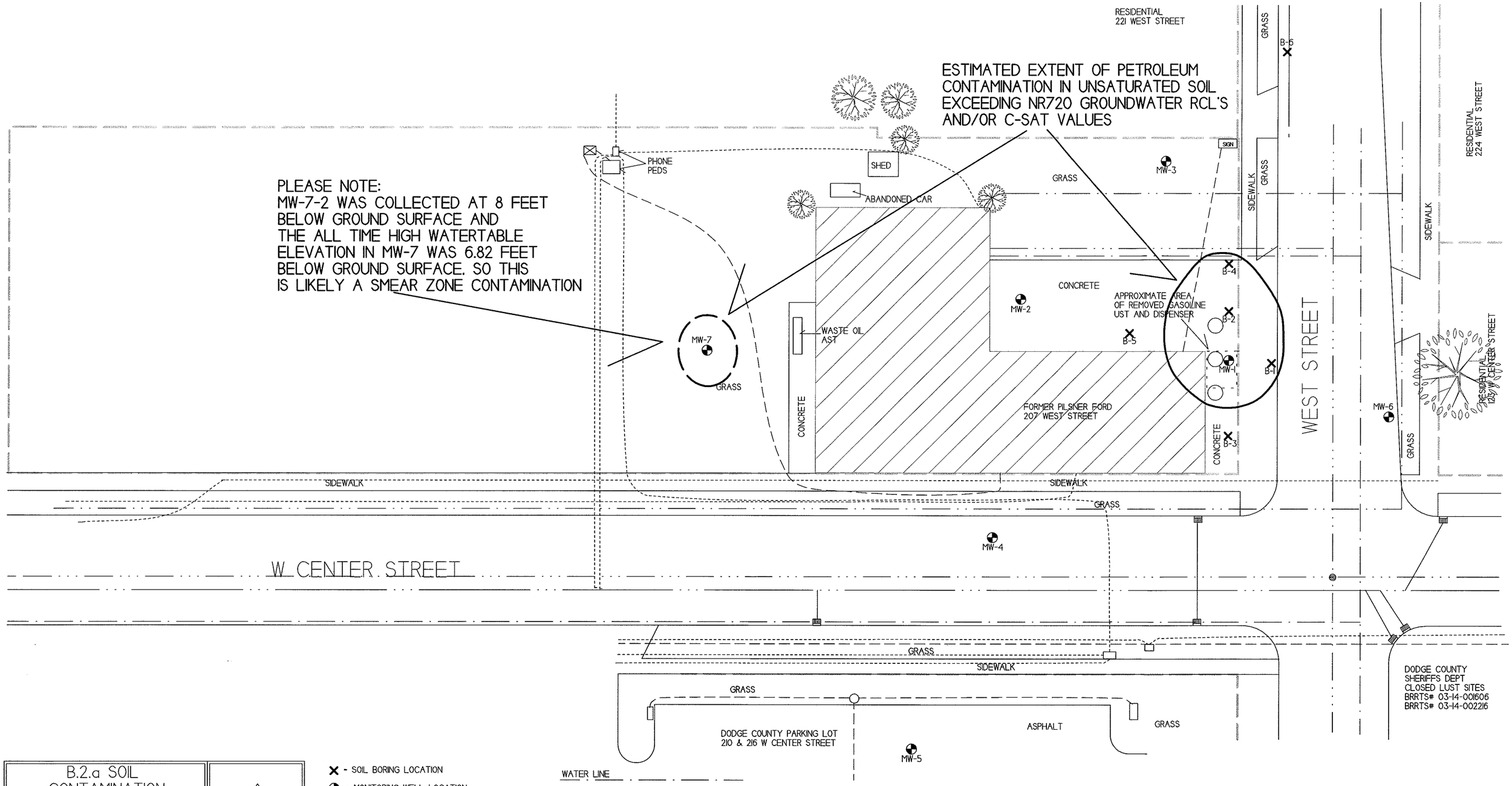
DRAWN BY: ED
DATE: 12/28/16

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

SCALE:
1 INCH = 30 FEET
0 15 30

- X - SOIL BORING LOCATION
- - MONITORING WELL LOCATION
- ○ - GAS TANK 1926 AND 1941 SANBORN MAPS
- - CURB INLET
- - SEWER COVER
- - ELECTRICAL TRANSFORMER

WATER LINE
SANITARY SEWER LINE
STORM SEWER LINE
NATURAL GAS LINE
BURIED ELECTRIC LINE
TELEPHONE/FIBER OPTIC LINE
PROPERTY BOUNDARY



B.2.a SOIL CONTAMINATION

PILSNER FORD

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

JUNEAU, WISCONSIN

DRAWN BY: ED
DATE: 12/28/16

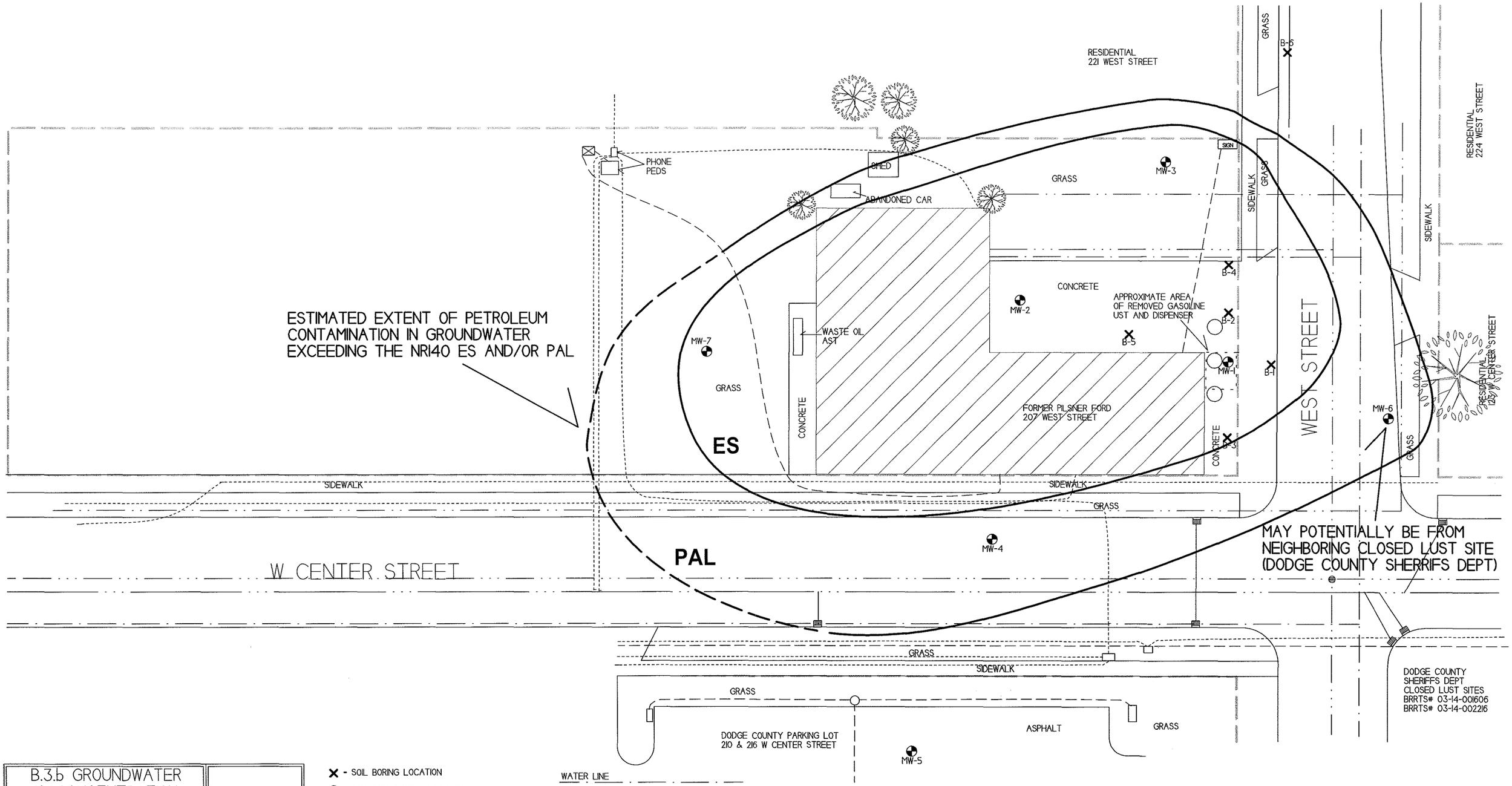
N

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

SCALE:
1 INCH = 30 FEET
0 15 30

- X - SOIL BORING LOCATION
- ◔ - MONITORING WELL LOCATION
- ◯ - GAS TANK 1926 AND 1941 SANBORN MAPS
- ▥ - CURB INLET
- ◍ - SEWER COVER
- ⊠ - ELECTRICAL TRANSFORMER

WATER LINE
SANITARY SEWER LINE
STORM SEWER LINE
NATURAL GAS LINE
BURIED ELECTRIC LINE
TELEPHONE/FIBER OPTIC LINE
PROPERTY BOUNDARY



B.3.b GROUNDWATER ISOCONCENTRATION

PILSNER FORD

METCO
709 Gillette St, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience
JUNEAU, WISCONSIN

DRAWN BY: ED
DATE: 12/28/16

- X - SOIL BORING LOCATION
- ◔ - MONITORING WELL LOCATION
- ◯ - GAS TANK 1926 AND 1941 SANBORN MAPS
- ▥ - CURB INLET
- ◍ - SEWER COVER
- ⊠ - ELECTRICAL TRANSFORMER

WATER LINE
SANITARY SEWER LINE
STORM SEWER LINE
NATURAL GAS LINE
BURIED ELECTRIC LINE
TELEPHONE/FIBER OPTIC LINE
PROPERTY BOUNDARY

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

SCALE:
1 INCH = 30 FEET
0 15 30

VS-1	ug/m^3
B	0.96
E	5.2
N	3.4
T	7.8
1.2.4-TMB	8.5
1.3.5-TMB	2.0
X	23

VS-3	ug/m^3
B	3.7
E	5.3
N	0.65 "J"
T	II
1.2.4-TMB	6.7
1.3.5-TMB	2.0
X	22

VS-2	ug/m^3
B	2.5
E	3.9
N	1.1 "J"
T	8.1
1.2.4-TMB	5.6
1.3.5-TMB	1.5
X	15

RESIDENTIAL
221 WEST STREET

GRASS

SIGN

PHONE PEDS

SHED

ABANDONED CAR

GRASS

SIDEWALK

GRASS

RESIDENTIAL
224 WEST STREET

SIDEWALK

CONCRETE

VS-3

APPROXIMATE AREA OF REMOVED GASOLINE UST AND DISPENSER

WASTE OIL AST

VS-1

WEST STREET

GRASS

CONCRETE

FORMER PILSNER FORD
207 WEST STREET

CONCRETE

VS-2

RESIDENTIAL
125 W CENTER STREET

GRASS

SIDEWALK

SIDEWALK

GRASS

W CENTER STREET

GRASS

SIDEWALK

GRASS

DODGE COUNTY PARKING LOT
210 & 216 W CENTER STREET

ASPHALT

GRASS

DODGE COUNTY
SHERIFFS DEPT
CLOSED LUST SITES
BRRTS# 03-14-001606
BRRTS# 03-14-002216

MW-4

B.4.a VAPOR INTRUSION MAP

PILSNER FORD

JUNEAU, WISCONSIN

DRAWN BY: ED
DATE 2/28/18

METCO
709 Gillette St, Suite 3
La Crosse, WI 54603
Tel: (608) 781-9879
Fax: (608) 781-8893
Excellence through experience

■ - SUB SLAB VAPOR SAMPLING LOCATION (MAY 2018)

◯ - GAS TANK 1926 AND 1941 SANBORN MAPS

▭ - CURB INLET

● - SEWER COVER

⊠ - ELECTRICAL TRANSFORMER

WATER LINE

SANITARY SEWER LINE

STORM SEWER LINE

NATURAL GAS LINE

BURIED ELECTRIC LINE

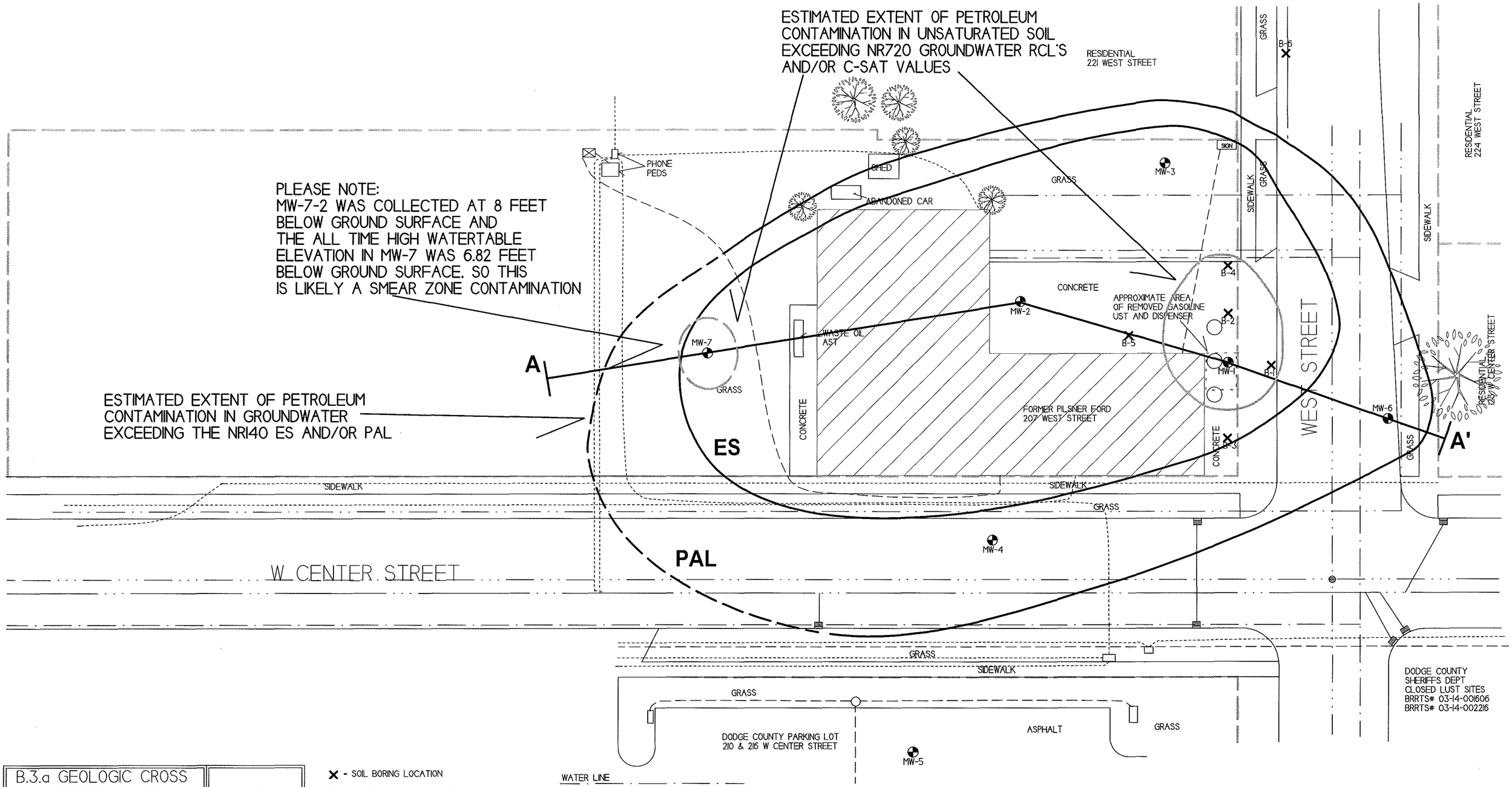
TELEPHONE/FIBER OPTIC LINE

PROPERTY BOUNDARY

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

SCALE:
1 INCH = 30 FEET

0 15 30



B.3.a GEOLOGIC CROSS SECTION MAP

PILSNER FORD

JUNEAU, WISCONSIN

METCO
709 Gillette St, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8933
Excellence through experience

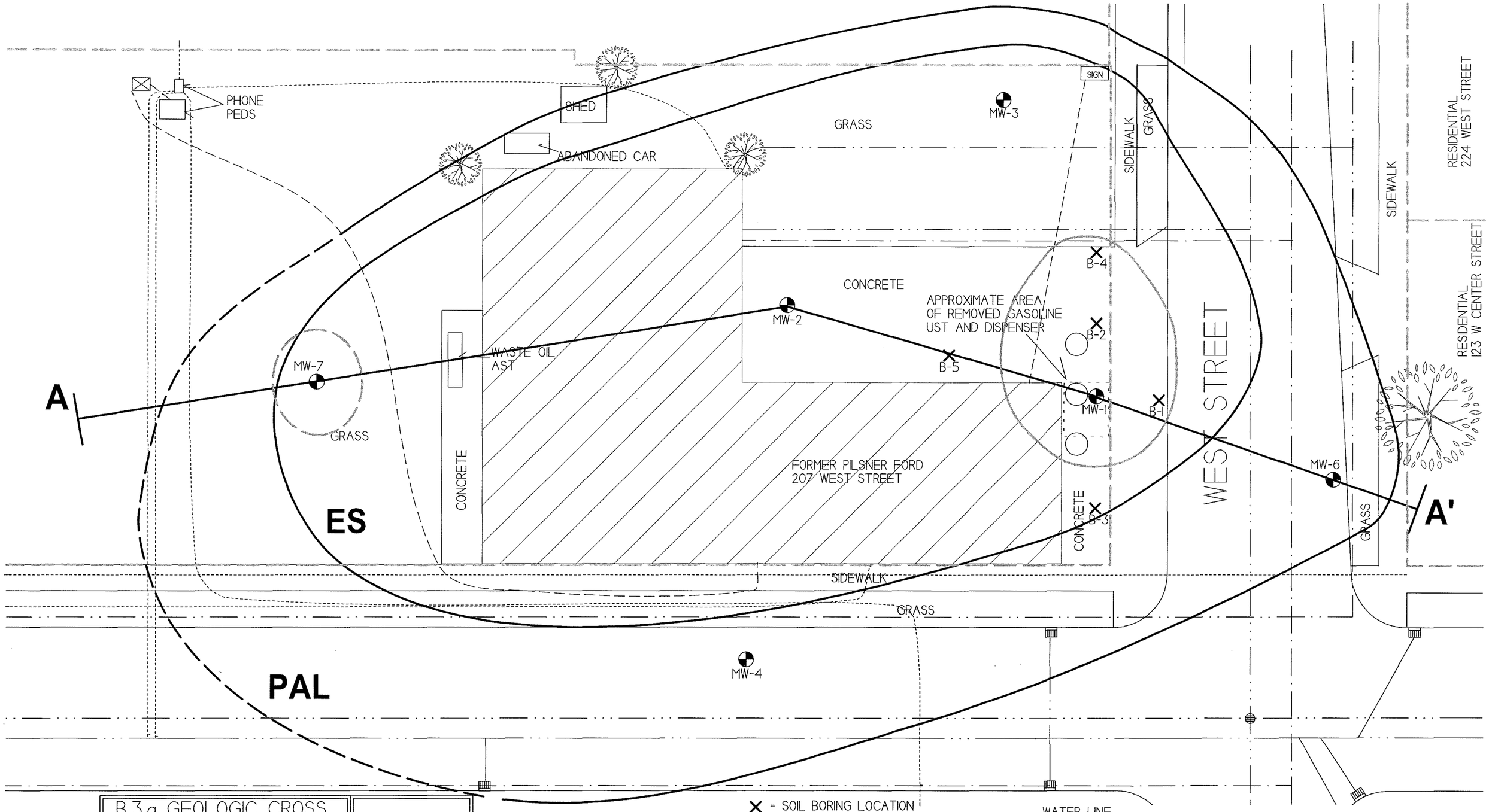
DRAWN BY: ED
DATE: 12/28/16

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

SCALE:
1 INCH = 30 FEET
0 15 30

- ✕ - SOIL BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ○ - GAS TANK 1926 AND 1941 SANBORN MAPS
- ▭ - CURB INLET
- ◉ - SEWER COVER
- ⊠ - ELECTRICAL TRANSFORMER

WATER LINE
SANITARY SEWER LINE
STORM SEWER LINE
NATURAL GAS LINE
BURIED ELECTRIC LINE
TELEPHONE/FIBER OPTIC LINE
PROPERTY BOUNDARY



B.3.a GEOLOGIC CROSS SECTION MAP CLOSE-UP

PILSNER FORD

METCO
709 Gillette St, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience™

JUNEAU, WISCONSIN

DRAWN BY: ED
DATE: 12/28/16

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

SCALE:
1 INCH = 20 FEET
0 20

- X = SOIL BORING LOCATION
- = MONITORING WELL LOCATION
- = GAS TANK 1926 AND 1941 SANBORN MAPS
- = CURB INLET
- = SEWER COVER
- = ELECTRICAL TRANSFORMER

- WATER LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- NATURAL GAS LINE
- BURIED ELECTRIC LINE
- TELEPHONE/FIBER OPTIC LINE
- PROPERTY BOUNDARY

B.3.a GEOLOGIC CROSS SECTION FIGURE

PILSNER FORD

METCO
709 Gillette St, Ste. 3
La CROSSE, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience™

JUNEAU, WISCONSIN

DRAWN BY: MW

DATE: 8/22/18

VERTICAL SCALE:
1 INCH = 4 FEET
4
0

SCALE:
1 INCH = 20 FEET
0 20

INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

GROUNDWATER SAMPLE RESULTS ARE PRESENTED IN PPB.

GROUNDWATER FLOW IS TOWARD THE SOUTHWEST.

NOTE: GROUNDWATER SAMPLE DATA IS BASED ON LABORATORY RESULTS FROM SAMPLES COLLECTED DURING THE FOLLOWING EVENTS:
- DRILLING PROJECT 1 (4/3-4/17)
- DRILLING PROJECT 2 (11/10/17)
- ROUND 4 GROUNDWATER SAMPLING (1/12/18)

× = SOIL BORING LOCATION
⊕ = MONITORING WELL LOCATION
● = SOIL BORING SOIL SAMPLE LOCATION
◒ = MONITORING WELL SOIL SAMPLE LOCATION
▼ = WATERTABLE

L= LEAD
B = BENZENE
E = ETHYLBENZENE
N = NAPHTHALENE
T = TOLUENE
TMB = TRIMETHYLBENZENES
X = XYLENE

SANDY CLAY

DOLOMITE

A WEST

A' EAST

915.00' MSL
910.00' MSL
905.00' MSL
900.00' MSL
895.00' MSL

GRASS
WASTE OIL AST
CONCRETE
PILSNER FORD (FORMER) BUILDING
CONCRETE
APPROXIMATE AREA OF REMOVED GASOLINE UST AND DISPENSER
WEST STREET
GRASS
SIDEWALK

MW-7
MW-7-1
MW-7-2
MW-7-3
MW-7-4
MW-2
MW-2-1
MW-2-2
MW-2-3
B-5
B-5-1
B-5-2
MW-1
MW-1-1
MW-1-2
MW-1-3
MW-1-4
MW-1-5
B-1
B-1-1
B-1-2
B-1-3
MW-6
MW-6-1
MW-6-2
MW-6-3

GENERAL EXTENT OF PETROLEUM CONTAMINATION IN SOIL AND GROUNDWATER (NR720 AND NR140 ES/PAL EXCEEDANCES)

(All Time High) 05/03/17

(All Time Low) 01/10/18

MW-7
<0.8 L
6.8 B
2.12 E
<0.57 MTBE
2.44 N
0.74 T
5.56 TMB
2.42 X

MW-2
0.8 L
90 B
58 E
<0.57 MTBE
12.5 N
44 T
89.6 TMB
91.2 X

MW-1
4.2 L
15400 B
2080 E
<57 MTBE
550 N
18900 T
1820 TMB
9680 X

MW-6
<0.8 L
1.19 B
<0.53 E
<0.57 MTBE
<1.7 N
0.98 T
0.81-1.56 TMB
<1.58 X

7.0 DATA TABLES, GRAPHS, AND STATISTICAL ANALYSIS

A.2 Soil Analytical Results Table
Pilsner Ford (former) BRRTS #03-14-530057

																DIRECT CONTACT PVOC & PAH COMBINED		
Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Benzene (ppm)	Ethyl Benzene (ppm)	MTBE (ppm)	Naph-thalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppb)	Exeedance Count	Hazard Index	Cumulative Cancer Risk
MW-1-1	3.5	U	04/03/17	4.1	**153**	NS	NS	**0.132**	0.066	<0.025	0.187	0.040	0.40	0.46	0.840	NS	0	3.91E-01	1.3E-07
MW-1-2	8	U	04/03/17	1390	13.4	NS	NS	**0.46**	**74**	<0.5	**37**	**14.4**	**295***	**92**	**361***	SEE VOC SHEET			
MW-1-3	8.3	U	04/03/17	360	NOT SAMPLED											NS			
MW-1-4	15	S	04/03/17	380	NOT SAMPLED											NS			
MW-1-5	20	S	04/03/17	415	NOT SAMPLED											NS			
B-1-1	3.5	U	04/03/17	8.8	17.2	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.052-0.077	NS	0	4.31E-02	
B-1-2	8	U	04/03/17	1155	NS	NS	NS	**6.2**	**14.2**	<0.5	**5.1**	**14.3**	**47**	**32**	**63.5**	NS			
B-1-3	10	S	04/03/17	1385	NOT SAMPLED											NS			
B-2-1	3.5	U	04/03/17	NM	15.4	NS	NS	**0.103**	0.78	<0.025	0.45	0.68	**2.68**	**1.09**	3.72	NS	0	7.76E-02	2.6E-07
B-2-2	9	U	04/03/17	800	NS	NS	NS	**137**	**430**	<5	**109**	**1150***	**750***	**275***	**1880***	NS			
B-3-1	3.5	U	04/03/17	14.9	13.2	NS	NS	<0.025	<0.025	<0.025	<0.025	0.039	<0.025	<0.025	<0.075	NS			
B-3-2	7	U	04/03/17	NM	NS	NS	NS	<0.025	0.091	<0.025	<0.025	0.085	0.297	0.114	0.456	NS			
MW-2-1	3.5	U	04/04/17	2.1	NOT SAMPLED											NS			
MW-2-2	9	U	04/04/17	3.2	NOT SAMPLED											NS			
MW-2-3	13	S	04/04/17	8.3	NOT SAMPLED											NS			
MW-3-1	3.5	U	04/04/17	1.5	NOT SAMPLED											NS			
MW-3-2	9	U	04/04/17	1.6	NOT SAMPLED											NS			
MW-3-3	15	S	04/04/17	4.9	NOT SAMPLED											NS			
MW-4-1	3.5	U	04/04/17	2.6	NOT SAMPLED											NS			
MW-4-2	9	U	04/04/17	2.0	NOT SAMPLED											NS			
MW-4-3	15	S	04/04/17	3.1	NOT SAMPLED											NS			
B-4-1	3.5	U	04/04/17	2.8	**34.1**	NS	NS	<0.025	<0.025	<0.025	0.074	<0.025	0.044	0.030	0.033-0.083	NS			
B-4-2	9	U	04/04/17	42	NS	NS	NS	**0.0281**	<0.025	<0.025	0.045	<0.025	0.058	0.043	0.060-0.11	NS			
B-5-1	3.5	U	04/04/17	2.0	13.1	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
B-5-2	9	U	04/04/17	2.4	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
B-6-1	3.5	U	11/10/17	0	NOT SAMPLED											NS	0		
MW-5-1	3.5	U	11/10/17	0	NOT SAMPLED											NS	0		
MW-5-2	8	U	11/10/17	0.3	NOT SAMPLED											NS			
MW-5-3	12	U	11/10/17	0.2	NOT SAMPLED											NS			
MW-5-4	15	S	11/10/17	0.2	NOT SAMPLED											NS			
MW-6-1	3.5	U	11/10/17	0	NOT SAMPLED											NS	0		
MW-6-2	8	U	11/10/17	0	NOT SAMPLED											NS			
MW-6-3	14	S	11/10/17	77	NOT SAMPLED											NS			
MW-7-1	3.5	U	11/10/17	0	NOT SAMPLED											NS			
MW-7-2	8	U	11/10/17	50	NS	NS	NS	<0.025	<0.025	<0.025	**2.56**	0.0253	0.257	0.20	0.128	NS			
MW-7-3	12	S	11/10/17	31	NOT SAMPLED											NS			
MW-7-4	14.5	S	11/10/17	9	NOT SAMPLED											NS			
DRUM COMPOSITE			11/10/17	NS	NS	NS	34	NS	NS	NS	NS	NS	NS	NS	NS	<0.1 TCLP LEAD			
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**	**258**	-		1.00E+00	1.00E-05
Industrial Direct Contact RCL					**(800)**	-	-	**(7.07)**	**(35.4)**	**(282)**	**(24.1)**	**(818)**	**(219)**	**(182)**	**(258)**	-		1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	-	**1820***	**480***	**8870***	-	**818***	**219***	**182***	**258***	-			

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

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

A.2 Soil Analytical Results Table
Pilsner Ford (former) BRRTS #03-14-530057

Sampling Conducted on April 3, 2017

VOC's		Bold = Groundwater RCL	Underline & Bold = Non-Industrial Direct Contact RCL	(Parenthesis & Bold) = Industrial Direct Contact RCL	Asteric * & Bold =Soil Saturation (C-sat) RCL
Sample ID#	**MW-1-2**				
Sample Depth/ft.	8				
Solids Percent	79.2				
Lead/ppm	13.4	27	400	800	= =
Benzene/ppm	**0.46 "J"**	0.00512	1.49	7.41	1820
Bromobenzene/ppm	< 0.25	= =	354	679	= =
Bromodichloromethane/ppm	< 0.74	0.000326	0.39	976	= =
Bromoform/ppm	< 0.29	0.00233	61.6	218	= =
tert-Butylbenzene/ppm	< 0.26	= =	183	183	183
sec-Butylbenzene/ppm	5.2	= =	145	145	145
n-Butylbenzene/ppm	25.4	= =	108	108	108
Carbon Tetrachloride/ppm	< 0.16	0.00388	0.85	4.25	= =
Chlorobenzene/ppm	< 0.13	= =	392	761	761
Chloroethane/ppm	< 0.91	0.227	= =	= =	= =
Chloroform/ppm	< 0.35	0.0033	0.42	2.13	= =
Chloromethane/ppm	< 0.76	0.0155	171	720	= =
2-Chlorotoluene/ppm	< 0.15	= =	= =	= =	= =
4-Chlorotoluene/ppm	< 0.18	= =	= =	= =	= =
1,2-Dibromo-3-chloropropane/ppm	< 0.58	0.000173	0.01	0.099	= =
Dibromochloromethane/ppm	< 0.25	0.032	0.93	4.4	= =
1,4-Dichlorobenzene/ppm	< 0.37	0.144	3.48	17.5	= =
1,3-Dichlorobenzene/ppm	< 0.37	1.15	297	297	297
1,2-Dichlorobenzene/ppm	< 0.28	1.17	376	376	376
Dichlorodifluoromethane/ppm	< 0.48	3.08	135	571	= =
1,2-Dichloroethane/ppm	< 0.38	0.00284	0.61	3.03	540
1,1-Dichloroethane/ppm	< 0.34	0.484	4.72	23.7	= =
1,1-Dichloroethene/ppm	< 0.22	0.00502	342	1190	1190
cis-1,2-Dichloroethene/ppm	< 0.32	0.0412	156	2040	= =
trans-1,2-Dichloroethene/ppm	< 0.28	0.0588	211	1670	= =
1,2-Dichloropropane/ppm	< 0.35	0.00332	1.33	6.62	= =
1,3-Dichloropropane/ppm	< 0.25	= =	1490	1490	1490
trans-1,3-Dichloropropene/ppm	< 0.22	= =	= =	= =	= =
cis-1,3-Dichloropropene/ppm	< 0.39	= =	= =	= =	= =
Di-isopropyl ether/ppm	< 0.10	= =	2260	2260	2260
EDB (1,2-Dibromoethane)/ppm	< 0.23	0.0000282	0.05	3.03	= =
Ethylbenzene/ppm	**74**	1.57	7.47	37	480
Hexachlorobutadiene/ppm	< 0.85	= =	6.23	22.1	= =
Isopropylbenzene/ppm	10.3	= =	= =	= =	= =
p-Isopropyltoluene/ppm	2.32	= =	162	162	162
Methylene chloride/ppm	< 1.5	0.00256	60.7	1070	= =
Methyl tert-butyl ether (MTBE)/ppm	< 0.5	0.027	59.4	293	8870
Naphthalene/ppm	**37**	0.659	5.15	26	= =
n-Propylbenzene/ppm	45	= =	= =	= =	= =
1,1,2,2-Tetrachloroethane/ppm	< 0.28	0.000156	0.75	3.69	= =
1,1,1,2-Tetrachloroethane/ppm	< 0.28	0.0533	2.59	12.9	= =
Tetrachloroethene (PCE)/ppm	< 0.32	0.00454	30.7	153	= =
Toluene/ppm	**14.4**	1.11	818	818	818
1,2,4-Trichlorobenzene/ppm	< 0.64	0.408	22.1	98.7	= =
1,2,3-Trichlorobenzene/ppm	< 0.66	= =	48.9	493	= =
1,1,1-Trichloroethane/ppm	< 0.3	0.14	= =	= =	= =
1,1,2-Trichloroethane/ppm	< 0.33	0.00324	1.48	7.34	= =
Trichloroethene (TCE)/ppm	< 0.41	0.00358	0.64	8.81	= =
Trichlorofluoromethane/ppm	< 0.41	= =	1120	1230	1230
1,2,4-Trimethylbenzene/ppm	**295***	1.38	89.8	219	219
1,3,5-Trimethylbenzene/ppm	**92**		182	182	182
Vinyl Chloride/ppm	< 0.19	0.000138	0.07	2.03	= =
m&p-Xylene/ppm	**292***	3.94	258	258	258
o-Xylene/ppm	**69***				

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.1 Groundwater Analytical Table
Pilsner Ford (former) BRRTS #03-14-530057

Well MW-1
PVC Elevation = 912.01 (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)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/03/17	905.28	6.73	**34.9**	**6700**	**5700**	<41	**2220**	**25200**	**12020**	**27500**
01/10/18	FREE PRODUCT		*5.8*	**14800**	**2200**	<57	**610**	**19900**	**2030**	**10450**
04/20/18	904.18	7.83	**36.1**	**14000**	**2450**	<57	**630**	**19600**	**2420**	**11500**
07/12/18	902.75	9.26	*4.2*	**15400**	**2080**	<57	**550**	**18900**	**1820**	**9680**
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(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 = 911.10 (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)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/03/17	905.42	5.68	<0.9	**8.1**	19.9	<0.82	3.5	7.9	30.3	50.4
01/10/18	900.80	10.30	<0.9	**283**	113	<0.57	*26.7*	128	*176*	254.6
04/20/18	904.62	6.48	*1.7*	*3.6*	1.59	<0.57	<1.7	2.66	1.37-2.12	1.9-2.48
07/12/18	901.64	9.46	0.8	**90**	58	<0.57	*12.5*	44	89.6	91.2
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(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 = 911.80 (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)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/03/17	905.39	6.41	<0.9	**14.6**	5.2	<0.82	2.33	5.5	13.9	21.7
01/10/18	902.11	9.69	<0.9	**297**	13.2	<0.57	<1.7	7.8	8.46	11.86
04/20/18	904.93	6.87	0.9	0.41	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
07/12/18	902.69	9.11	<0.8	**910**	*183*	<0.57	8.3	156	52.6	135.4
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(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
Pilsner Ford (former) BRRTS #03-14-530057

Well MW-4
PVC Elevation = 911.16 (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)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/03/17	904.59	6.57	<0.9	**75**	14.4	<0.82	4.8	8.6	18.7	34.5
01/10/18	900.21	10.95	<0.9	**183**	5.3	<0.57	1.8	7.2	2.72	6.63
04/20/18	903.45	7.71	1.2	**96**	8.1	<0.57	1.98	14.3	11.06	28.14
07/12/18	901.05	10.11	<0.8	*0.52*	<0.53	<0.57	<1.7	0.51	<1.48	<1.58
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(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 = 911.42 (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)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/10/18	899.55	11.87	<0.9	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
04/20/18	902.89	8.53	<4.5	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
07/12/18	900.64	10.78	<1.6	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(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 = 912.68 (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)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/10/18	902.53	10.15	<0.9	*0.72*	0.70	<0.82	<2.17	<0.67	<2.05	<1.95
04/20/18	903.96	8.72	<0.9	*1.65*	0.86	<0.57	<1.7	1.01	<1.48	<1.58
07/12/18	903.09	9.59	<0.8	*1.19*	<0.53	<0.57	<1.7	0.98	0.81-1.56	<1.58
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(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
Pilsner Ford (former) BRRTS #03-14-530057

Well MW-7
PVC Elevation = 909.79 (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)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/10/18	899.18	10.61	<0.9	*0.97*	0.43	<0.82	<2.17	<0.67	<2.05	<1.95
04/20/18	902.97	6.82	<0.9	**7.3**	2.91	<0.57	2.62	0.98	6.58	4.44
07/12/18	900.23	9.56	<0.8	**6.8**	2.12	<0.57	2.44	0.74	5.56	2.42
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(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
Pilsner Ford (former) BRRTS #03-14-530057

Well Sampling Conducted on:	05/03/17	05/03/17	05/03/17	05/03/17	01/10/18	01/10/18	01/10/18		
VOC's								**ENFORCE MENT STANDARD = ES – Bold**	*PREVENTIVE ACTION LIMIT = PAL - Italics*
Well Name	**MW-1**	**MW-2**	**MW-3**	**MW-4**	**MW-5**	**MW6**	**MW-7**		
Lead/ppb	**34.9**	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	**15**	*1.5*
Benzene/ppb	**6700**	**8.1**	**14.6**	**75**	< 0.17	*0.72*	*0.97*	**5**	*0.5*
Bromobenzene/ppb	< 21.5	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	==	==
Bromodichloromethane/ppb	< 15.5	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	**0.6**	*0.06*
Bromoform/ppb	< 24.5	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	**4.4**	*0.44*
tert-Butylbenzene/ppb	< 19.5	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	==	==
sec-Butylbenzene/ppb	141	1.01	< 0.24	0.36 "J"	< 0.24	1.02	< 0.24	==	==
n-Butylbenzene/ppb	620	1.42	0.52 "J"	0.34 "J"	< 0.34	1.46	< 0.34	==	==
Carbon Tetrachloride/ppb	< 10.5	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	**5**	*0.5*
Chlorobenzene/ppb	< 13.5	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	==	==
Chloroethane/ppb	< 25	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**400**	*80*
Chloroform/ppb	< 48	< 0.96	< 0.96	< 0.96	< 0.96	< 0.96	< 0.96	**6**	*0.6*
Chloromethane/ppb	< 65	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	**30**	*3*
2-Chlorotoluene/ppb	< 18	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	==	==
4-Chlorotoluene/ppb	< 17.5	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	==	==
1,2-Dibromo-3-chloropropane/ppb	< 94	< 1.88	< 1.88	< 1.88	< 1.88	< 1.88	< 1.88	**0.2**	*0.02*
Dibromochloromethane/ppb	< 22.5	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	**60**	*6*
1,4-Dichlorobenzene/ppb	< 21	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	**75**	*15*
1,3-Dichlorobenzene/ppb	< 22.5	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	**600**	*120*
1,2-Dichlorobenzene/ppb	< 17	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	**600**	*60*
Dichlorodifluoromethane/ppb	< 19	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	**1000**	*200*
1,2-Dichloroethane/ppb	< 22.5	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	**5**	*0.5*
1,1-Dichloroethane/ppb	< 21	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	**850**	*85*
1,1-Dichloroethene/ppb	< 23	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	**7**	*0.7*
cis-1,2-Dichloroethene/ppb	< 20.5	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	**70**	*7*
trans-1,2-Dichloroethene/ppb	< 17.5	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	**100**	*20*
1,2-Dichloropropane/ppb	< 19.5	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	**5**	*0.5*
1,3-Dichloropropane/ppb	< 24.5	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	==	==
trans-1,3-Dichloropropene	< 21	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	==	==
cis-1,3-Dichloropropene	< 10.5	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	==	==
Di-isopropyl ether/ppb	< 13	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	==	==
EDB (1,2-Dibromoethane)/ppb	< 17	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	**0.05**	*0.005*
Ethylbenzene/ppb	**5700**	19.9	5.2	14.4	< 0.2	0.7	0.43 "J"	**700**	*140*
Hexachlorobutadiene/ppb	< 73.5	< 1.47	< 1.47	< 1.47	< 1.47	< 1.47	< 1.47	==	==
Isopropylbenzene/ppb	400	2.95	1.39	3.4	< 0.29	1.21	0.68 "J"	==	==
p-Isopropyltoluene/ppb	96	1.11	0.30 "J"	< 0.28	< 0.28	< 0.28	< 0.28	==	==
Methylene chloride/ppb	< 47	< 0.94	< 0.94	< 0.94	< 0.94	< 0.94	< 0.94	**5**	*0.5*
Methyl tert-butyl ether (MTBE)/ppb	< 41	< 0.82	< 0.82	< 0.82	< 0.82	< 0.82	< 0.82	**60**	*12*
Naphthalene/ppb	**2220**	3.5 "J"	2.33 "J"	4.8 "J"	< 2.17	< 2.17	< 2.17	**100**	*10*
n-Propylbenzene/ppb	1520	5.1	1.77	6.1	< 0.19	3.8	0.27 "J"	==	==
1,1,2,2-Tetrachloroethane/ppb	< 34.5	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	**0.2**	*0.02*
1,1,1,2-Tetrachloroethane/ppb	< 23.5	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	**70**	*7*
Tetrachloroethene (PCE)/ppb	< 24	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	**5**	*0.5*
Toluene/ppb	**25200**	7.9	5.5	8.6	< 0.67	< 0.67	< 0.67	**800**	*160*
1,2,4-Trichlorobenzene/ppb	< 64.5	< 1.29	< 1.29	< 1.29	< 1.29	< 1.29	< 1.29	**70**	*14*
1,2,3-Trichlorobenzene/ppb	< 41.5	< 0.83	< 0.83	< 0.83	< 0.83	< 0.83	< 0.83	==	==
1,1,1-Trichloroethane/ppb	< 17.5	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	**200**	*40*
1,1,2-Trichloroethane/ppb	< 32.5	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	**5**	*0.5*
Trichloroethene (TCE)/ppb	< 22.5	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	**5**	*0.5*
Trichlorofluoromethane/ppb	< 32	< 0.64	< 0.64	< 0.64	< 0.64	< 0.64	< 0.64	==	==
1,2,4-Trimethylbenzene/ppb	**9200**	22.9	10.5	15	< 1.14	< 1.14	< 1.14		
1,3,5-Trimethylbenzene/ppb	**2820**	7.4	3.4	3.7	< 0.91	< 0.91	< 0.91	**Total TMB's 480**	*Total TMB's 96*
Vinyl Chloride/ppb	< 9.5	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	**0.22 "J"**	**0.2**	*0.02*
m&p-Xylene/ppb	**19500**	47	18.4	29.9	< 1.56	< 1.56	< 1.56		
o-Xylene/ppb	**8000**	3.4	3.3	4.6	< 0.39	< 0.39	< 0.39	**Total Xylenes 2000**	*Total Xylenes 400*

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.1 Groundwater Analytical Table
Pilsner Ford (former) BRRTS #03-14-530057

Well Sampling Conducted on:	05/03/17	05/03/17	05/03/17	05/03/17	01/10/18	01/10/18	01/10/18		
VOC's								**ENFORCE MENT STANDARD = ES – Bold**	*PREVENTIVE ACTION LIMIT = PAL - Italics*
Well Name	**MW-1**	**MW-2**	**MW-3**	**MW-4**	**MW-5**	**MW6**	**MW-7**		
Lead/ppb	**34.9**	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	**15**	*1.5*
Benzene/ppb	**6700**	**8.1**	**14.6**	**75**	< 0.17	*0.72*	*0.97*	**5**	*0.5*
Bromobenzene/ppb	< 21.5	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	==	==
Bromodichloromethane/ppb	< 15.5	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	**0.6**	*0.06*
Bromoform/ppb	< 24.5	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	**4.4**	*0.44*
tert-Butylbenzene/ppb	< 19.5	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	==	==
sec-Butylbenzene/ppb	141	1.01	< 0.24	0.36 "J"	< 0.24	1.02	< 0.24	==	==
n-Butylbenzene/ppb	620	1.42	0.52 "J"	0.34 "J"	< 0.34	1.46	< 0.34	==	==
Carbon Tetrachloride/ppb	< 10.5	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	**5**	*0.5*
Chlorobenzene/ppb	< 13.5	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	==	==
Chloroethane/ppb	< 25	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**400**	*80*
Chloroform/ppb	< 48	< 0.96	< 0.96	< 0.96	< 0.96	< 0.96	< 0.96	**6**	*0.6*
Chloromethane/ppb	< 65	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	**30**	*3*
2-Chlorotoluene/ppb	< 18	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	==	==
4-Chlorotoluene/ppb	< 17.5	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	==	==
1,2-Dibromo-3-chloropropane/ppb	< 94	< 1.88	< 1.88	< 1.88	< 1.88	< 1.88	< 1.88	**0.2**	*0.02*
Dibromochloromethane/ppb	< 22.5	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	**60**	*6*
1,4-Dichlorobenzene/ppb	< 21	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	**75**	*15*
1,3-Dichlorobenzene/ppb	< 22.5	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	**600**	*120*
1,2-Dichlorobenzene/ppb	< 17	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	**600**	*60*
Dichlorodifluoromethane/ppb	< 19	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	**1000**	*200*
1,2-Dichloroethane/ppb	< 22.5	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	**5**	*0.5*
1,1-Dichloroethane/ppb	< 21	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	**850**	*85*
1,1-Dichloroethene/ppb	< 23	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	**7**	*0.7*
cis-1,2-Dichloroethene/ppb	< 20.5	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	**70**	*7*
trans-1,2-Dichloroethene/ppb	< 17.5	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	**100**	*20*
1,2-Dichloropropane/ppb	< 19.5	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	**5**	*0.5*
1,3-Dichloropropane/ppb	< 24.5	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	==	==
trans-1,3-Dichloropropene	< 21	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	==	==
cis-1,3-Dichloropropene	< 10.5	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	==	==
Di-isopropyl ether/ppb	< 13	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	==	==
EDB (1,2-Dibromoethane)/ppb	< 17	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	**0.05**	*0.005*
Ethylbenzene/ppb	**5700**	19.9	5.2	14.4	< 0.2	0.7	0.43 "J"	**700**	*140*
Hexachlorobutadiene/ppb	< 73.5	< 1.47	< 1.47	< 1.47	< 1.47	< 1.47	< 1.47	==	==
Isopropylbenzene/ppb	400	2.95	1.39	3.4	< 0.29	1.21	0.68 "J"	==	==
p-Isopropyltoluene/ppb	96	1.11	0.30 "J"	< 0.28	< 0.28	< 0.28	< 0.28	==	==
Methylene chloride/ppb	< 47	< 0.94	< 0.94	< 0.94	< 0.94	< 0.94	< 0.94	**5**	*0.5*
Methyl tert-butyl ether (MTBE)/ppb	< 41	< 0.82	< 0.82	< 0.82	< 0.82	< 0.82	< 0.82	**60**	*12*
Naphthalene/ppb	**2220**	3.5 "J"	2.33 "J"	4.8 "J"	< 2.17	< 2.17	< 2.17	**100**	*10*
n-Propylbenzene/ppb	1520	5.1	1.77	6.1	< 0.19	3.8	0.27 "J"	==	==
1,1,2,2-Tetrachloroethane/ppb	< 34.5	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	**0.2**	*0.02*
1,1,1,2-Tetrachloroethane/ppb	< 23.5	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	**70**	*7*
Tetrachloroethene (PCE)/ppb	< 24	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	**5**	*0.5*
Toluene/ppb	**25200**	7.9	5.5	8.6	< 0.67	< 0.67	< 0.67	**800**	*160*
1,2,4-Trichlorobenzene/ppb	< 64.5	< 1.29	< 1.29	< 1.29	< 1.29	< 1.29	< 1.29	**70**	*14*
1,2,3-Trichlorobenzene/ppb	< 41.5	< 0.83	< 0.83	< 0.83	< 0.83	< 0.83	< 0.83	==	==
1,1,1-Trichloroethane/ppb	< 17.5	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	**200**	*40*
1,1,2-Trichloroethane/ppb	< 32.5	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	**5**	*0.5*
Trichloroethene (TCE)/ppb	< 22.5	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	**5**	*0.5*
Trichlorofluoromethane/ppb	< 32	< 0.64	< 0.64	< 0.64	< 0.64	< 0.64	< 0.64	==	==
1,2,4-Trimethylbenzene/ppb	**9200**	22.9	10.5	15	< 1.14	< 1.14	< 1.14		
1,3,5-Trimethylbenzene/ppb	**2820**	7.4	3.4	3.7	< 0.91	< 0.91	< 0.91	**Total TMB's 480**	*Total TMB's 96*
Vinyl Chloride/ppb	< 9.5	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	**0.22 "J"**	**0.2**	*0.02*
m&p-Xylene/ppb	**19500**	47	18.4	29.9	< 1.56	< 1.56	< 1.56		
o-Xylene/ppb	**8000**	3.4	3.3	4.6	< 0.39	< 0.39	< 0.39	**Total Xylenes 2000**	*Total Xylenes 400*

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.4 Vapor Analytical Table
Sub-Slab Sampling Data Table for Pilsner Ford
BY METCO

Sub-Slab Sampling conducted Conducted on May 8, 2018

Sample ID	VS-1	VS-2	VS-3	WDNR Small Commercial Sub-Slab Vapor Action Levels for Various VOCs Quick Look-Up Table Updated November, 2017 (ug/m^3)	
Benzene – ug/m^3	0.96	2.5	3.7	530	c
Carbon Tetrachloride – ug/m^3	NS	NS	NS	670	c
Chloroform – ug/m^3	NS	NS	NS	180	c
Chloromethane – ug/m^3	NS	NS	NS	13000	n
Dichlorodifluoromethane – ug/m^3	NS	NS	NS	15000	n
1,1-Dichloroethane (1,1-DCA) – ug/m^3	NS	NS	NS	2600	c
1,2-Dichloroethane (1,2-DCA) - ug/m^3	NS	NS	NS	160	c
1,1-Dichloroethylene (1,1-DCE) – ug/m^3	NS	NS	NS	29000	n
1,2-Dichloroethylene (cis and trans) - ug/m^3	NS	NS	NS	NA	-
Ethylbenzene – ug/m^3	5.2	3.9	5.3	1600	c
Methylene chloride – ug/m^3	NS	NS	NS	87000	n
Methyl Tert-Butyl Ether (MTBE) – ug/m^3	<0.61	<0.61	<0.61	16000	c
Naphthalene – ug/m^3	3.4	1.1J	0.65J	120	c
Tetrachloroethylene -ug/m^3	NS	NS	NS	6000	n
Toluene – ug/m^3	7.8	8.1	11	730000	n
1,1,1-Trichloroethane – ug/m^3	NS	NS	NS	730000	n
Trichloroethylene – ug/m^3	NS	NS	NS	290	n
Trichlorofluoromethane (Halcarbon 11) – ug/m^3	NS	NS	NS	NA	-
Trimethylbenzene (1,2,4) – ug/m^3	8.5	5.6	6.7	8700	n
Trimethlybenzene (1,3,5) – ug/m^3	2.0	1.5	2.0	8700	n
Vinyl chloride – ug/m^3	NS	NS	NS	930	c
Xylene (total) -ug/m^3	23	15	22	15000	n

ug/m^3 = Micrograms per cubic meter.
< = Less than the reporting limit indicated in parentheses.
Bold = Sub-Slab Standard Exceedance NS = Not Sampled
c = Carcinogen
n = Non Carcinogen
J = between Limit of Detection (LOD) and Limit of Quantitaion (LOQ)

A.6 Water Level Elevations
Pilsner Ford (former) BRRTS #03-14-530057
Juneau, Wisconsin

	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7
Ground Surface (feet msl)	912.65	911.68	912.57	911.84	911.97	913.41	910.53
PVC top (feet msl)	912.01	911.10	911.80	911.16	911.42	912.68	909.79
Well Depth (feet)	16.00	16.00	16.00	16.00	15.00	15.00	15.00
Top of screen (feet msl)	906.65	905.68	906.57	905.84	906.97	908.41	905.53
Bottom of screen (feet msl)	896.65	895.68	896.57	895.84	896.97	898.41	895.53
Depth to Water From Top of PVC (feet)							
05/03/17	6.73	5.68	6.41	6.57	NI	NI	NI
01/10/18	FP	10.30	9.69	10.95	11.87	10.15	10.61
04/20/18	7.83	6.48	6.87	7.71	8.53	8.72	6.82
07/12/18	9.26	9.46	9.11	10.11	10.78	9.59	9.56
Depth to Water From Ground Surface (feet)							
05/03/17	7.37	6.26	7.18	7.25	NI	NI	NI
01/10/18	FP	10.88	10.46	11.63	12.42	10.88	11.35
04/20/18	8.47	7.06	7.64	8.39	9.08	9.45	7.56
07/12/18	9.90	10.04	9.88	10.79	11.33	10.32	10.30
Groundwater Elevation (feet msl)							
05/03/17	905.28	905.42	905.39	904.59	NI	NI	NI
01/10/18	FP	900.80	902.11	900.21	899.55	902.53	899.18
04/20/18	904.18	904.62	904.93	903.45	902.89	903.96	902.97
07/12/18	902.75	901.64	902.69	901.05	900.64	903.09	900.23

NI = Not Installed
FP = Free Product

A.7 Other
Pilsner Ford: Free Product Levels & Recovery BRRTS# 03-27-191144
By METCO

DATE		MW-1	GALS REC./PERIOD	TOT GALS RECOVERED
5/3/2017	Inches of FP	0	0.00	0.00
	Gals Recovered	0		
01/10/18	Inches of FP	2	0.03	0.03
	Gals Recovered	0.031		
4/20/2018	Inches of FP	0	0.00	0.03
	Gals Recovered	0		
7/12/2018	Inches of FP	0	0.00	0.03
	Gals Recovered	0		

Site Investigation Report - METCO
Pilsner Ford (Former)
Flow Velocity Calculation

	ft/s	ft/year	cm/s	m/yr
K	9.84E-06	3.11E+02	3.00E-04	94.6080

Date	Elv. (High)	Elv. (Low)	Distance (ft)	Hyd Grad (I)
1/10/2018	902	899.5	149	1.68E-02
05/03/17	905.20	904.60	101	5.94E-03
04/20/18	904.50	903.00	84	1.79E-02
07/12/18	903.00	900.50	146	1.71E-02
			Average	1.44E-02

K (m/yr)	Average Hyd Grad (I)	Porosity (n)	Flow Velocity (m/yr)
94.6080	1.44E-02	0.3	4.5490
		Average	4.5490

A.7 Other
Groundwater NA Indicator Results
Pilsner Ford (former) BRRTS #03-14-530057

Well MW-1

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
05/03/17	0.28	7.29	217	9.80	859	1.27	<15.5	0.06	*217*
01/10/18	0.90	7.17	-191.2	11.60	1335	NS	NS	NS	NS
04/20/18	0.81	7.47	70	9.50	1097	NS	NS	NS	NS
07/12/18	2.98	6.34	79.1	13.50	1234	NS	NS	NS	NS
ENFORCE MENT 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)	Man-ganese (ppb)
05/03/17	2.05	6.77	273	9.70	961	0.33	<15.5	0.03	*183*
01/10/18	1.19	6.98	-86.4	11.15	963	NS	NS	NS	NS
04/20/18	4.65	7.33	291	8.90	792	NS	NS	NS	NS
07/12/18	2.94	6.43	39.3	12.86	1310	NS	NS	NS	NS
ENFORCE MENT 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)	Man-ganese (ppb)
05/03/17	2.20	7.05	267	10.20	910	*3.87*	23.4	<0.03	*74.4*
01/10/18	1.16	7.15	150.0	10.81	832	NS	NS	NS	NS
04/20/18	1.97	7.46	260	9.10	951	NS	NS	NS	NS
07/12/18	3.00	6.27	65.7	11.99	1156	NS	NS	NS	NS
ENFORCE MENT 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)	Man-ganese (ppb)
05/03/17	2.22	7.15	260	10.90	2222	0.52	36.2	0.03	**406**
01/10/18	0.80	7.23	-126.1	12.17	1600	NS	NS	NS	NS
04/20/18	3.24	7.63	210	9.0	957	NS	NS	NS	NS
07/12/18	2.83	6.45	5.6	14.07	3999	NS	NS	NS	NS
ENFORCE MENT 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
Pilsner Ford (former) BRRTS #03-14-530057

Well MW-5

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
01/10/18	1.10	6.93	-64.3	12.26	4027	NS	NS	NS	NS
04/20/18	6.94	7.12	231	8.50	2521	NS	NS	NS	NS
07/12/18	2.99	6.37	-54.4	13.16	4394	NS	NS	NS	NS
ENFORCE MENT 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)	Man-ganese (ppb)
01/10/18	2.39	7.41	95.4	11.35	648	NS	NS	NS	NS
04/20/18	6.50	7.71	224	8.60	683	NS	NS	NS	NS
07/12/18	5.68	6.35	-30.7	12.99	897	NS	NS	NS	NS
ENFORCE MENT 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-7

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
01/10/18	0.89	6.80	-10.7	11.36	891	NS	NS	NS	NS
04/20/18	3.84	7.14	93	8.30	740	NS	NS	NS	NS
07/12/18	3.03	6.39	-12.9	11.80	983	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

8.0 PHOTOS

Photos

Photo #1: View of the location of the former gasoline UST and dispensers looking northwest.

Photo #2: View from the back of the former Pilsner Ford building downgradient from the source area looking east.

APPENDIX A/ METHODS OF INVESTIGATION

Drilling Project

Soil borings were conducted by Ground Source of De Pere, 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 6.25-inch, inside-diameter (ID) 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. Air rotary methods were used to drill through bedrock using a 6-inch tri-cone bit.

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 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 PID probe was inserted through the Ziploc seal and the highest meter response recorded.

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

Monitoring Well Installation, Development, and Sampling

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

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

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

Each well was alternately surged and purged by METCO personnel with a bottom loading, disposable, polyethylene bailer for 15-20 minutes to remove fines from the well screen. Approximately 25-80 gallons of groundwater was then removed with a small electrical submersible pump. Well Development Forms are presented in Appendix C.

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

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

Sample Preparation

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

Field Sampling and Transportation Quality Control

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

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

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

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

On July 7, 2017, DKS Transport Services, LLC, of Menomonie, Wisconsin picked-up and disposed of 5 drums of soil cuttings and 1 drum of purge water at the Advanced Disposal Seven Mile Creek Landfill in Eau Claire, Wisconsin.

On December 12, 2017, DKS Transport Services, LLC, of Menomonie, Wisconsin picked-up and disposed of 5 drums of soil cuttings at the Advanced Disposal Seven Mile Creek Landfill in Eau Claire, Wisconsin.

APPENDIX B/ ANALYTICAL METHODS & LABORATORY DATA REPORTS

Synergy Environmental Lab,

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

DIANA WILLIAMS
DIANA WILLIAMS
207 WEST STREET
JUNEAU, WI 53039

Report Date *20-Apr-17*

Project Name PILSNER FORD **Invoice #** E32731
Project #

Lab Code 5032731A
Sample ID METH BLANK
Sample Matrix Soil
Sample Date 4/3/2017

	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		4/13/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		4/13/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		4/13/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		4/13/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		4/13/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		4/13/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		4/13/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		4/13/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		4/13/2017	TCC	1

Project Name PILSNER FORD **Invoice #** E32731
Project #

Lab Code 5032731B
Sample ID MW-1-I
Sample Matrix Soil
Sample Date 4/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	78.2	%			1	5021		4/6/2017	NJC	1
Inorganic										
Metals										
Lead, Total	153	mg/Kg	0.17	0.58	1	6010B		4/13/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	0.132	mg/kg	0.019	0.06	1	GRO95/8021		4/13/2017	TCC	1
Ethylbenzene	0.066	mg/kg	0.01	0.032	1	GRO95/8021		4/13/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		4/13/2017	TCC	1
Naphthalene	0.187	mg/kg	0.022	0.07	1	GRO95/8021		4/13/2017	TCC	1
Toluene	0.040 "J"	mg/kg	0.014	0.046	1	GRO95/8021		4/13/2017	TCC	1
1,2,4-Trimethylbenzene	0.40	mg/kg	0.01	0.032	1	GRO95/8021		4/13/2017	TCC	1
1,3,5-Trimethylbenzene	0.46	mg/kg	0.011	0.036	1	GRO95/8021		4/13/2017	TCC	1
m&p-Xylene	0.35	mg/kg	0.012	0.037	1	GRO95/8021		4/13/2017	TCC	1
o-Xylene	0.49	mg/kg	0.015	0.047	1	GRO95/8021		4/13/2017	TCC	1

Project Name PILSNER FORD **Invoice #** E32731
Project #

Lab Code 5032731C
Sample ID MW-1-2
Sample Matrix Soil
Sample Date 4/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	79.2	%			1	5021		4/6/2017	NJC	1
Inorganic										
Metals										
Lead, Total	13.4	mg/Kg	0.17	0.58	1	6010B		4/13/2017	CWT	1
Organic										
VOC's										
Benzene	0.46 "J"	mg/kg	0.3	9.6	10	8260B		4/11/2017	TCC	1
Bromobenzene	< 0.25	mg/kg	0.25	0.81	10	8260B		4/11/2017	TCC	1
Bromodichloromethane	< 0.74	mg/kg	0.74	2.4	10	8260B		4/11/2017	TCC	1
Bromoform	< 0.29	mg/kg	0.29	0.92	10	8260B		4/11/2017	TCC	1
tert-Butylbenzene	< 0.26	mg/kg	0.26	0.84	10	8260B		4/11/2017	TCC	1
sec-Butylbenzene	5.2	mg/kg	0.33	1	10	8260B		4/11/2017	TCC	1
n-Butylbenzene	25.4	mg/kg	0.4	1.3	10	8260B		4/11/2017	TCC	1
Carbon Tetrachloride	< 0.16	mg/kg	0.16	0.53	10	8260B		4/11/2017	TCC	1
Chlorobenzene	< 0.13	mg/kg	0.13	0.4	10	8260B		4/11/2017	TCC	1
Chloroethane	< 0.91	mg/kg	0.91	2.9	10	8260B		4/11/2017	TCC	1
Chloroform	< 0.35	mg/kg	0.35	1.1	10	8260B		4/11/2017	TCC	1
Chloromethane	< 0.76	mg/kg	0.76	2.4	10	8260B		4/11/2017	TCC	1
2-Chlorotoluene	< 0.15	mg/kg	0.15	0.47	10	8260B		4/11/2017	TCC	1
4-Chlorotoluene	< 0.18	mg/kg	0.18	0.57	10	8260B		4/11/2017	TCC	1
1,2-Dibromo-3-chloropropane	< 0.58	mg/kg	0.58	1.8	10	8260B		4/11/2017	TCC	1
Dibromochloromethane	< 0.25	mg/kg	0.25	0.79	10	8260B		4/11/2017	TCC	1
1,4-Dichlorobenzene	< 0.37	mg/kg	0.37	1.2	10	8260B		4/11/2017	TCC	1
1,3-Dichlorobenzene	< 0.37	mg/kg	0.37	1.2	10	8260B		4/11/2017	TCC	1
1,2-Dichlorobenzene	< 0.28	mg/kg	0.28	0.88	10	8260B		4/11/2017	TCC	1
Dichlorodifluoromethane	< 0.48	mg/kg	0.48	1.5	10	8260B		4/11/2017	TCC	1
1,2-Dichloroethane	< 0.38	mg/kg	0.38	1.2	10	8260B		4/11/2017	TCC	1
1,1-Dichloroethane	< 0.34	mg/kg	0.34	1.1	10	8260B		4/11/2017	TCC	1
1,1-Dichloroethene	< 0.22	mg/kg	0.22	0.69	10	8260B		4/11/2017	TCC	7
cis-1,2-Dichloroethene	< 0.32	mg/kg	0.32	1	10	8260B		4/11/2017	TCC	1
trans-1,2-Dichloroethene	< 0.28	mg/kg	0.28	0.9	10	8260B		4/11/2017	TCC	1
1,2-Dichloropropane	< 0.35	mg/kg	0.35	1.1	10	8260B		4/11/2017	TCC	1
1,3-Dichloropropane	< 0.25	mg/kg	0.25	0.79	10	8260B		4/11/2017	TCC	1
trans-1,3-Dichloropropene	< 0.22	mg/kg	0.22	0.68	10	8260B		4/11/2017	TCC	1
cis-1,3-Dichloropropene	< 0.39	mg/kg	0.39	1.2	10	8260B		4/11/2017	TCC	1
Di-isopropyl ether	< 0.10	mg/kg	0.1	0.32	10	8260B		4/11/2017	TCC	1
EDB (1,2-Dibromoethane)	< 0.23	mg/kg	0.23	0.72	10	8260B		4/11/2017	TCC	1
Ethylbenzene	74	mg/kg	0.35	1.1	10	8260B		4/11/2017	TCC	1
Hexachlorobutadiene	< 0.85	mg/kg	0.85	2.7	10	8260B		4/11/2017	TCC	1
Isopropylbenzene	10.3	mg/kg	0.34	1.1	10	8260B		4/11/2017	TCC	1
p-Isopropyltoluene	2.32	mg/kg	0.29	0.93	10	8260B		4/11/2017	TCC	1
Methylene chloride	< 1.5	mg/kg	1.5	4.6	10	8260B		4/11/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.5	mg/kg	0.5	1.6	10	8260B		4/11/2017	TCC	1
Naphthalene	37	mg/kg	4.7	15	50	8260B		4/18/2017	TCC	1
n-Propylbenzene	45	mg/kg	0.33	1	10	8260B		4/11/2017	TCC	1
1,1,2,2-Tetrachloroethane	< 0.28	mg/kg	0.28	8.8	10	8260B		4/11/2017	TCC	1
1,1,1,2-Tetrachloroethane	< 0.28	mg/kg	0.28	0.9	10	8260B		4/11/2017	TCC	1
Tetrachloroethene	< 0.32	mg/kg	0.32	1	10	8260B		4/11/2017	TCC	1
Toluene	14.4	mg/kg	0.32	1	10	8260B		4/11/2017	TCC	1

Project Name PILSNER FORD **Invoice #** E32731
Project #

Lab Code 5032731C
Sample ID MW-1-2
Sample Matrix Soil
Sample Date 4/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,4-Trichlorobenzene	< 0.64	mg/kg	0.64	2	10	8260B		4/11/2017	TCC	1
1,2,3-Trichlorobenzene	< 0.66	mg/kg	0.66	2.1	10	8260B		4/11/2017	TCC	1
1,1,1-Trichloroethane	< 0.3	mg/kg	0.3	9.6	10	8260B		4/11/2017	TCC	1
1,1,2-Trichloroethane	< 0.33	mg/kg	0.33	1.1	10	8260B		4/11/2017	TCC	1
Trichloroethene (TCE)	< 0.41	mg/kg	0.41	1.3	10	8260B		4/11/2017	TCC	1
Trichlorofluoromethane	< 0.41	mg/kg	0.41	1.3	10	8260B		4/11/2017	TCC	1
1,2,4-Trimethylbenzene	295	mg/kg	1.25	4	50	8260B		4/18/2017	TCC	1
1,3,5-Trimethylbenzene	92	mg/kg	0.32	1	10	8260B		4/11/2017	TCC	1
Vinyl Chloride	< 0.19	mg/kg	0.19	0.62	10	8260B		4/11/2017	TCC	1
m&p-Xylene	292	mg/kg	3.6	11.5	50	8260B		4/18/2017	TCC	1
o-Xylene	69	mg/kg	0.44	1.4	10	8260B		4/11/2017	TCC	1
SUR - Toluene-d8	104	Rec %			10	8260B		4/11/2017	TCC	1
SUR - 1,2-Dichloroethane-d4	106	Rec %			10	8260B		4/11/2017	TCC	1
SUR - 4-Bromofluorobenzene	103	Rec %			10	8260B		4/11/2017	TCC	1
SUR - Dibromofluoromethane	99	Rec %			10	8260B		4/11/2017	TCC	1

Lab Code 5032731D
Sample ID B-1-1
Sample Matrix Soil
Sample Date 4/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	77.8	%			1	5021		4/6/2017	NJC	1
Inorganic										
Metals										
Lead, Total	17.2	mg/Kg	0.17	0.58	1	6010B		4/13/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		4/14/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		4/14/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		4/14/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		4/14/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		4/14/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		4/14/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		4/14/2017	TCC	1
m&p-Xylene	0.052	mg/kg	0.012	0.037	1	GRO95/8021		4/14/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		4/14/2017	TCC	1

Project Name PILSNER FORD **Invoice #** E32731
Project #

Lab Code 5032731E
Sample ID B-1-2
Sample Matrix Soil
Sample Date 4/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.4	%			1	5021		4/6/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	6.2	mg/kg	0.38	1.2	20	GRO95/8021		4/15/2017	TCC	1
Ethylbenzene	14.2	mg/kg	0.2	0.64	20	GRO95/8021		4/15/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.5	mg/kg	0.158	0.5	20	GRO95/8021		4/15/2017	TCC	1
Naphthalene	5.1	mg/kg	0.44	1.4	20	GRO95/8021		4/15/2017	TCC	1
Toluene	14.3	mg/kg	0.28	0.92	20	GRO95/8021		4/15/2017	TCC	1
1,2,4-Trimethylbenzene	47	mg/kg	0.2	0.64	20	GRO95/8021		4/15/2017	TCC	1
1,3,5-Trimethylbenzene	32	mg/kg	0.22	0.72	20	GRO95/8021		4/15/2017	TCC	1
m&p-Xylene	54	mg/kg	0.24	0.74	20	GRO95/8021		4/15/2017	TCC	1
o-Xylene	9.5	mg/kg	0.3	0.94	20	GRO95/8021		4/15/2017	TCC	1

Lab Code 5032731F
Sample ID B-2-1
Sample Matrix Soil
Sample Date 4/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.0	%			1	5021		4/6/2017	NJC	1
Inorganic										
Metals										
Lead, Total	15.4	mg/Kg	0.17	0.58	1	6010B		4/13/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	0.103	mg/kg	0.019	0.06	1	GRO95/8021		4/13/2017	TCC	1
Ethylbenzene	0.78	mg/kg	0.01	0.032	1	GRO95/8021		4/13/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		4/13/2017	TCC	1
Naphthalene	0.45	mg/kg	0.022	0.07	1	GRO95/8021		4/13/2017	TCC	1
Toluene	0.68	mg/kg	0.014	0.046	1	GRO95/8021		4/13/2017	TCC	1
1,2,4-Trimethylbenzene	2.68	mg/kg	0.01	0.032	1	GRO95/8021		4/13/2017	TCC	1
1,3,5-Trimethylbenzene	1.09	mg/kg	0.011	0.036	1	GRO95/8021		4/13/2017	TCC	1
m&p-Xylene	2.96	mg/kg	0.012	0.037	1	GRO95/8021		4/13/2017	TCC	1
o-Xylene	0.76	mg/kg	0.015	0.047	1	GRO95/8021		4/13/2017	TCC	1

Project Name PILSNER FORD **Invoice #** E32731
Project #

Lab Code 5032731G
Sample ID B-2-2
Sample Matrix Soil
Sample Date 4/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.9	%			1	5021		4/6/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	137	mg/kg	3.8	12	200	GRO95/8021		4/14/2017	TCC	1
Ethylbenzene	430	mg/kg	2	6.4	200	GRO95/8021		4/14/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 5	mg/kg	1.58	5	200	GRO95/8021		4/14/2017	TCC	1
Naphthalene	109	mg/kg	4.4	14	200	GRO95/8021		4/14/2017	TCC	1
Toluene	1150	mg/kg	2.8	9.2	200	GRO95/8021		4/14/2017	TCC	1
1,2,4-Trimethylbenzene	750	mg/kg	2	6.4	200	GRO95/8021		4/14/2017	TCC	1
1,3,5-Trimethylbenzene	275	mg/kg	2.2	7.2	200	GRO95/8021		4/14/2017	TCC	1
m&p-Xylene	1390	mg/kg	2.4	7.4	200	GRO95/8021		4/14/2017	TCC	1
o-Xylene	490	mg/kg	3	9.4	200	GRO95/8021		4/14/2017	TCC	1

Lab Code 5032731H
Sample ID B-3-1
Sample Matrix Soil
Sample Date 4/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	78.0	%			1	5021		4/6/2017	NJC	1
Inorganic										
Metals										
Lead, Total	13.2	mg/Kg	0.17	0.58	1	6010B		4/13/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		4/14/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		4/14/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		4/14/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		4/14/2017	TCC	1
Toluene	0.039 "J"	mg/kg	0.014	0.046	1	GRO95/8021		4/14/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		4/14/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		4/14/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		4/14/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		4/14/2017	TCC	1

Project Name PILSNER FORD **Invoice #** E32731
Project #

Lab Code 5032731I
Sample ID B-3-2
Sample Matrix Soil
Sample Date 4/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	78.2	%			1	5021		4/6/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		4/14/2017	TCC	1
Ethylbenzene	0.091	mg/kg	0.01	0.032	1	GRO95/8021		4/14/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		4/14/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		4/14/2017	TCC	1
Toluene	0.085	mg/kg	0.014	0.046	1	GRO95/8021		4/14/2017	TCC	1
1,2,4-Trimethylbenzene	0.297	mg/kg	0.01	0.032	1	GRO95/8021		4/14/2017	TCC	1
1,3,5-Trimethylbenzene	0.114	mg/kg	0.011	0.036	1	GRO95/8021		4/14/2017	TCC	1
m&p-Xylene	0.34	mg/kg	0.012	0.037	1	GRO95/8021		4/14/2017	TCC	1
o-Xylene	0.116	mg/kg	0.015	0.047	1	GRO95/8021		4/14/2017	TCC	1

Lab Code 5032731J
Sample ID B-4-1
Sample Matrix Soil
Sample Date 4/4/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	78.1	%			1	5021		4/6/2017	NJC	1
Inorganic										
Metals										
Lead, Total	34.1	mg/Kg	0.17	0.58	1	6010B		4/13/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		4/13/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		4/13/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		4/13/2017	TCC	1
Naphthalene	0.074	mg/kg	0.022	0.07	1	GRO95/8021		4/13/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		4/13/2017	TCC	1
1,2,4-Trimethylbenzene	0.044	mg/kg	0.01	0.032	1	GRO95/8021		4/13/2017	TCC	1
1,3,5-Trimethylbenzene	0.030 "J"	mg/kg	0.011	0.036	1	GRO95/8021		4/13/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		4/13/2017	TCC	1
o-Xylene	0.033 "J"	mg/kg	0.015	0.047	1	GRO95/8021		4/13/2017	TCC	1

Project Name PILSNER FORD **Invoice #** E32731
Project #

Lab Code 5032731K
Sample ID B-4-2
Sample Matrix Soil
Sample Date 4/4/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.0	%			1	5021		4/6/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	0.0281 "J"	mg/kg	0.019	0.06	1	GRO95/8021		4/13/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		4/13/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		4/13/2017	TCC	1
Naphthalene	0.045 "J"	mg/kg	0.022	0.07	1	GRO95/8021		4/13/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		4/13/2017	TCC	1
1,2,4-Trimethylbenzene	0.058	mg/kg	0.01	0.032	1	GRO95/8021		4/13/2017	TCC	1
1,3,5-Trimethylbenzene	0.043	mg/kg	0.011	0.036	1	GRO95/8021		4/13/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		4/13/2017	TCC	1
o-Xylene	0.060	mg/kg	0.015	0.047	1	GRO95/8021		4/13/2017	TCC	1

Lab Code 5032731L
Sample ID B-5-1
Sample Matrix Soil
Sample Date 4/4/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	77.7	%			1	5021		4/6/2017	NJC	1
Inorganic										
Metals										
Lead, Total	13.1	mg/Kg	0.17	0.58	1	6010B		4/13/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		4/13/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		4/13/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		4/13/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		4/13/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		4/13/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		4/13/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		4/13/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		4/13/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		4/13/2017	TCC	1

Project Name PILSNER FORD **Invoice #** E32731
Project #

Lab Code 5032731M
Sample ID B-5-2
Sample Matrix Soil
Sample Date 4/4/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.2	%			1	5021		4/6/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		4/13/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		4/13/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		4/13/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		4/13/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		4/13/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		4/13/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		4/13/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		4/13/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		4/13/2017	TCC	1

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

Code	*Comment*
1	Laboratory QC within limits.
7	The LCS not within established 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

Environmental Lab, Inc.

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

Chain # No 2906

Page 1 of 2

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

Lab I.D. #

Account No. : | **Quote No.:**

Project #:

Sampler: (signature)

Project (Name / Location): Pilsner Ford

Reports To: Dianna Williams	Invoice To: Dianna Williams
Company	Company c/o METCO
Address 207 West Street	Address 709 Gillette St, ste 3
City State Zip Juneau, WI 53039	City State Zip La Crosse, WI 54603
Phone (920) 210-1490	Phone (608) 781-8879
FAX	FAX

Analysis Requested | **Other Analysis**

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-RCRA METALS	PID/FID
S032731 A	Meth Blank	4/3/17					1		MEOH									X						
B	MW-1-1		11:29		X		3	S	/None			X						X						
C	MW-1-2		11:45				3		/None			X										X		
D	B-1-1		12:55				3		/None			X						X						
E	B-1-2		1:10				2											X						
F	B-2-1		1:45				3		/None			X						X						
G	B-2-2		1:55				2											X						
H	B-3-1		2:20				3		/None			X						X						
I	B-3-2		2:30				2											X						
J	B-4-1	4/4/17	11:15				3		/None			X						X						

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

Lab to send copy of report to METCO
Use Rates
Agent Status

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

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	7:05AM	4/5/17			

Received in Laboratory By: [signature] Time: 8:00 Date: 4/6/17

CHAIN OF CUSTODY RECORD

Synergy

Environmental Lab, Inc.

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

Chain # No 2906

Page 2 of 2

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

Lab I.D. #

Account No. : | **Quote No.:**

Project #:

Sampler: (signature)

Project (Name / Location): Pilsner Ford

Reports To: Dianna Williams	Invoice To: Dianna Williams
Company	Company c/o METCO
Address 207 West Street	Address 709 Gillette St, Ste 3
City State Zip Juneau, WI 53039	City State Zip La Crosse, WI 54603
Phone (920) 210-1490	Phone (608) 781-5579
FAX	FAX

Analysis Requested | **Other Analysis**

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-RCRA METALS	PID/FID
503273191	KB-4-2	4/4/17	11:20		X		2	S	MEOH									X						
	KB-5-1	↓	1:40		↓		3	↓	None			X						X						
	KB-5-2	↓	1:45		↓		2	↓	↓									X						

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

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

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	7:00AM	4/5/17			

Received in Laboratory By: Time: 8:00 Date: 4/6/17

Synergy Environmental Lab,

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

DIANA WILLIAMS
DIANA WILLIAMS
207 WEST STREET
JUNEAU, WI 53039

Report Date *17-May-17*

Project Name PILSNER FORD **Invoice #** E32855
Project #

Lab Code 5032855A
Sample ID MW-4
Sample Matrix Water
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	0.03 "J"	mg/l	0.03	0.1	1	200.7		5/9/2017	CWT	1
Lead, Dissolved	< 0.9	ug/L	0.9	3	1	7421		5/5/2017	CWT	1
Manganese, Dissolved	406	ug/L	4.2	13.8	1	200.7		5/9/2017	CWT	1
Organic										
VOC's										
Benzene	75	ug/l	0.17	0.55	1	8260B		5/4/2017	CJR	1
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B		5/4/2017	CJR	1
Bromodichloromethane	< 0.31	ug/l	0.31	1	1	8260B		5/4/2017	CJR	1
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B		5/4/2017	CJR	1
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B		5/4/2017	CJR	1
sec-Butylbenzene	0.36 "J"	ug/l	0.24	0.76	1	8260B		5/4/2017	CJR	1
n-Butylbenzene	0.34 "J"	ug/l	0.34	1.08	1	8260B		5/4/2017	CJR	1
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B		5/4/2017	CJR	1
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B		5/4/2017	CJR	1
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		5/4/2017	CJR	1
Chloroform	< 0.96	ug/l	0.96	3.04	1	8260B		5/4/2017	CJR	1
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B		5/4/2017	CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B		5/4/2017	CJR	1
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B		5/4/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B		5/4/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.44	1	8260B		5/4/2017	CJR	1
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B		5/4/2017	CJR	1
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B		5/4/2017	CJR	1
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B		5/4/2017	CJR	1
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B		5/4/2017	CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B		5/4/2017	CJR	1
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B		5/4/2017	CJR	1
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B		5/4/2017	CJR	1

Project Name PILSNER FORD **Invoice #** E32855
Project #

Lab Code 5032855A
Sample ID MW-4
Sample Matrix Water
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B		5/4/2017	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B		5/4/2017	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B		5/4/2017	CJR	1
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B		5/4/2017	CJR	1
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B		5/4/2017	CJR	1
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B		5/4/2017	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B		5/4/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		5/4/2017	CJR	1
Ethylbenzene	14.4	ug/l	0.2	0.63	1	8260B		5/4/2017	CJR	1
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B		5/4/2017	CJR	1
Isopropylbenzene	3.4	ug/l	0.29	0.93	1	8260B		5/4/2017	CJR	1
p-Isopropyltoluene	< 0.28	ug/l	0.28	0.91	1	8260B		5/4/2017	CJR	1
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B		5/4/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		5/4/2017	CJR	1
Naphthalene	4.8 "J"	ug/l	2.17	6.9	1	8260B		5/4/2017	CJR	1
n-Propylbenzene	6.1	ug/l	0.19	0.62	1	8260B		5/4/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B		5/4/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B		5/4/2017	CJR	1
Tetrachloroethene	< 0.48	ug/l	0.48	1.52	1	8260B		5/4/2017	CJR	1
Toluene	8.6	ug/l	0.67	2.13	1	8260B		5/4/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B		5/4/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B		5/4/2017	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B		5/4/2017	CJR	1
1,1,2-Trichloroethane	< 0.65	ug/l	0.65	2.06	1	8260B		5/4/2017	CJR	1
Trichloroethene (TCE)	< 0.45	ug/l	0.45	1.43	1	8260B		5/4/2017	CJR	1
Trichlorofluoromethane	< 0.64	ug/l	0.64	2.04	1	8260B		5/4/2017	CJR	1
1,2,4-Trimethylbenzene	15	ug/l	1.14	3.63	1	8260B		5/4/2017	CJR	1
1,3,5-Trimethylbenzene	3.7	ug/l	0.91	2.9	1	8260B		5/4/2017	CJR	1
Vinyl Chloride	< 0.19	ug/l	0.19	0.62	1	8260B		5/4/2017	CJR	1
m&p-Xylene	29.9	ug/l	1.56	4.95	1	8260B		5/4/2017	CJR	1
o-Xylene	4.6	ug/l	0.39	1.25	1	8260B		5/4/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	100	REC %			1	8260B		5/4/2017	CJR	1
SUR - 4-Bromofluorobenzene	100	REC %			1	8260B		5/4/2017	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		5/4/2017	CJR	1
SUR - Toluene-d8	90	REC %			1	8260B		5/4/2017	CJR	1
Wet Chemistry										
General										
Nitrite Plus Nitrate, Dissolved	0.52 "J"	mg/l	0.17	0.53	1	353.2		5/17/2017	NJC	1
Sulfate, Filtered	36.2 "J"	mg/l	15.5	49.3	10	ASTM D516-		5/16/2017	NJC	1

Project Name PILSNER FORD **Invoice #** E32855
Project #

Lab Code 5032855B
Sample ID MW-3
Sample Matrix Water
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	< 0.03	mg/l	0.03	0.1	1	200.7		5/9/2017	CWT	1
Lead, Dissolved	< 0.9	ug/L	0.9	3	1	7421		5/5/2017	CWT	1
Manganese, Dissolved	74.4	ug/L	4.2	13.8	1	200.7		5/9/2017	CWT	1
Organic										
VOC's										
Benzene	14.6	ug/l	0.17	0.55	1	8260B		5/4/2017	CJR	1
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B		5/4/2017	CJR	1
Bromodichloromethane	< 0.31	ug/l	0.31	1	1	8260B		5/4/2017	CJR	1
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B		5/4/2017	CJR	1
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B		5/4/2017	CJR	1
sec-Butylbenzene	< 0.24	ug/l	0.24	0.76	1	8260B		5/4/2017	CJR	1
n-Butylbenzene	0.52 "J"	ug/l	0.34	1.08	1	8260B		5/4/2017	CJR	1
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B		5/4/2017	CJR	1
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B		5/4/2017	CJR	1
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		5/4/2017	CJR	1
Chloroform	< 0.96	ug/l	0.96	3.04	1	8260B		5/4/2017	CJR	1
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B		5/4/2017	CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B		5/4/2017	CJR	1
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B		5/4/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B		5/4/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.44	1	8260B		5/4/2017	CJR	1
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B		5/4/2017	CJR	1
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B		5/4/2017	CJR	1
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B		5/4/2017	CJR	1
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B		5/4/2017	CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B		5/4/2017	CJR	1
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B		5/4/2017	CJR	1
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B		5/4/2017	CJR	1
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B		5/4/2017	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B		5/4/2017	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B		5/4/2017	CJR	1
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B		5/4/2017	CJR	1
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B		5/4/2017	CJR	1
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B		5/4/2017	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B		5/4/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		5/4/2017	CJR	1
Ethylbenzene	5.2	ug/l	0.2	0.63	1	8260B		5/4/2017	CJR	1
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B		5/4/2017	CJR	1
Isopropylbenzene	1.39	ug/l	0.29	0.93	1	8260B		5/4/2017	CJR	1
p-Isopropyltoluene	0.30 "J"	ug/l	0.28	0.91	1	8260B		5/4/2017	CJR	1
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B		5/4/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		5/4/2017	CJR	1
Naphthalene	2.33 "J"	ug/l	2.17	6.9	1	8260B		5/4/2017	CJR	1
n-Propylbenzene	1.77	ug/l	0.19	0.62	1	8260B		5/4/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B		5/4/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B		5/4/2017	CJR	1
Tetrachloroethene	< 0.48	ug/l	0.48	1.52	1	8260B		5/4/2017	CJR	1
Toluene	5.5	ug/l	0.67	2.13	1	8260B		5/4/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B		5/4/2017	CJR	1

Project Name PILSNER FORD **Invoice #** E32855
Project #

Lab Code 5032855B
Sample ID MW-3
Sample Matrix Water
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B		5/4/2017	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B		5/4/2017	CJR	1
1,1,2-Trichloroethane	< 0.65	ug/l	0.65	2.06	1	8260B		5/4/2017	CJR	1
Trichloroethene (TCE)	< 0.45	ug/l	0.45	1.43	1	8260B		5/4/2017	CJR	1
Trichlorofluoromethane	< 0.64	ug/l	0.64	2.04	1	8260B		5/4/2017	CJR	1
1,2,4-Trimethylbenzene	10.5	ug/l	1.14	3.63	1	8260B		5/4/2017	CJR	1
1,3,5-Trimethylbenzene	3.4	ug/l	0.91	2.9	1	8260B		5/4/2017	CJR	1
Vinyl Chloride	< 0.19	ug/l	0.19	0.62	1	8260B		5/4/2017	CJR	1
m&p-Xylene	18.4	ug/l	1.56	4.95	1	8260B		5/4/2017	CJR	1
o-Xylene	3.3	ug/l	0.39	1.25	1	8260B		5/4/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	103	REC %			1	8260B		5/4/2017	CJR	1
SUR - Toluene-d8	90	REC %			1	8260B		5/4/2017	CJR	1
SUR - 4-Bromofluorobenzene	101	REC %			1	8260B		5/4/2017	CJR	1
SUR - Dibromofluoromethane	96	REC %			1	8260B		5/4/2017	CJR	1
Wet Chemistry										
General										
Nitrite Plus Nitrate, Dissolved	3.87	mg/l	0.17	0.53	1	353.2		5/17/2017	NJC	1
Sulfate, Filtered	23.4 "J"	mg/l	15.5	49.3	10	ASTM D516-		5/16/2017	NJC	1

Project Name PILSNER FORD **Invoice #** E32855
Project #

Lab Code 5032855C
Sample ID MW-2
Sample Matrix Water
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	0.03 "J"	mg/l	0.03	0.1	1	200.7		5/9/2017	CWT	1
Lead, Dissolved	< 0.9	ug/L	0.9	3	1	7421		5/5/2017	CWT	1
Manganese, Dissolved	183	ug/L	4.2	13.8	1	200.7		5/9/2017	CWT	1
Organic										
VOC's										
Benzene	8.1	ug/l	0.17	0.55	1	8260B		5/5/2017	CJR	1
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B		5/5/2017	CJR	1
Bromodichloromethane	< 0.31	ug/l	0.31	1	1	8260B		5/5/2017	CJR	1
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B		5/5/2017	CJR	1
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B		5/5/2017	CJR	1
sec-Butylbenzene	1.01	ug/l	0.24	0.76	1	8260B		5/5/2017	CJR	1
n-Butylbenzene	1.42	ug/l	0.34	1.08	1	8260B		5/5/2017	CJR	1
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B		5/5/2017	CJR	1
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B		5/5/2017	CJR	1
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		5/5/2017	CJR	1
Chloroform	< 0.96	ug/l	0.96	3.04	1	8260B		5/5/2017	CJR	1
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B		5/5/2017	CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B		5/5/2017	CJR	1
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B		5/5/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B		5/5/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.44	1	8260B		5/5/2017	CJR	1
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B		5/5/2017	CJR	1
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B		5/5/2017	CJR	1
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B		5/5/2017	CJR	1
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B		5/5/2017	CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B		5/5/2017	CJR	1
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B		5/5/2017	CJR	1
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B		5/5/2017	CJR	1
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B		5/5/2017	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B		5/5/2017	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B		5/5/2017	CJR	1
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B		5/5/2017	CJR	1
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B		5/5/2017	CJR	1
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B		5/5/2017	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B		5/5/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		5/5/2017	CJR	1
Ethylbenzene	19.9	ug/l	0.2	0.63	1	8260B		5/5/2017	CJR	1
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B		5/5/2017	CJR	1
Isopropylbenzene	2.95	ug/l	0.29	0.93	1	8260B		5/5/2017	CJR	1
p-Isopropyltoluene	1.11	ug/l	0.28	0.91	1	8260B		5/5/2017	CJR	1
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B		5/5/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		5/5/2017	CJR	1
Naphthalene	3.5 "J"	ug/l	2.17	6.9	1	8260B		5/5/2017	CJR	1
n-Propylbenzene	5.1	ug/l	0.19	0.62	1	8260B		5/5/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B		5/5/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B		5/5/2017	CJR	1
Tetrachloroethene	< 0.48	ug/l	0.48	1.52	1	8260B		5/5/2017	CJR	1
Toluene	7.9	ug/l	0.67	2.13	1	8260B		5/5/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B		5/5/2017	CJR	1

Project Name PILSNER FORD **Invoice #** E32855
Project #

Lab Code 5032855C
Sample ID MW-2
Sample Matrix Water
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B		5/5/2017	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B		5/5/2017	CJR	1
1,1,2-Trichloroethane	< 0.65	ug/l	0.65	2.06	1	8260B		5/5/2017	CJR	1
Trichloroethene (TCE)	< 0.45	ug/l	0.45	1.43	1	8260B		5/5/2017	CJR	1
Trichlorofluoromethane	< 0.64	ug/l	0.64	2.04	1	8260B		5/5/2017	CJR	1
1,2,4-Trimethylbenzene	22.9	ug/l	1.14	3.63	1	8260B		5/5/2017	CJR	1
1,3,5-Trimethylbenzene	7.4	ug/l	0.91	2.9	1	8260B		5/5/2017	CJR	1
Vinyl Chloride	< 0.19	ug/l	0.19	0.62	1	8260B		5/5/2017	CJR	1
m&p-Xylene	47	ug/l	1.56	4.95	1	8260B		5/5/2017	CJR	1
o-Xylene	3.4	ug/l	0.39	1.25	1	8260B		5/5/2017	CJR	1
SUR - Toluene-d8	90	REC %			1	8260B		5/5/2017	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		5/5/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	104	REC %			1	8260B		5/5/2017	CJR	1
SUR - 4-Bromofluorobenzene	100	REC %			1	8260B		5/5/2017	CJR	1
Wet Chemistry										
General										
Nitrite Plus Nitrate, Dissolved	0.33 "J"	mg/l	0.17	0.53	1	353.2		5/17/2017	NJC	1
Sulfate, Filtered	< 15.5	mg/l	15.5	49.3	10	ASTM D516-		5/16/2017	NJC	1

Project Name PILSNER FORD **Invoice #** E32855
Project #

Lab Code 5032855D
Sample ID MW-1
Sample Matrix Water
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Iron, Dissolved	0.06 "J"	mg/l	0.03	0.1	1	200.7		5/9/2017	CWT	I
Lead, Dissolved	34.9	ug/L	1.8	6	2	7421		5/5/2017	CWT	I
Manganese, Dissolved	217	ug/L	4.2	13.8	1	200.7		5/9/2017	CWT	I
Organic										
VOC's										
Benzene	6700	ug/l	8.5	27.5	50	8260B		5/4/2017	CJR	I
Bromobenzene	< 21.5	ug/l	21.5	68.5	50	8260B		5/4/2017	CJR	I
Bromodichloromethane	< 15.5	ug/l	15.5	50	50	8260B		5/4/2017	CJR	I
Bromoform	< 24.5	ug/l	24.5	78	50	8260B		5/4/2017	CJR	I
tert-Butylbenzene	< 19.5	ug/l	19.5	61.5	50	8260B		5/4/2017	CJR	I
sec-Butylbenzene	141	ug/l	12	38	50	8260B		5/4/2017	CJR	I
n-Butylbenzene	620	ug/l	17	54	50	8260B		5/4/2017	CJR	I
Carbon Tetrachloride	< 10.5	ug/l	10.5	34	50	8260B		5/4/2017	CJR	I
Chlorobenzene	< 13.5	ug/l	13.5	43	50	8260B		5/4/2017	CJR	I
Chloroethane	< 25	ug/l	25	80	50	8260B		5/4/2017	CJR	I
Chloroform	< 48	ug/l	48	152	50	8260B		5/4/2017	CJR	I
Chloromethane	< 65	ug/l	65	207.5	50	8260B		5/4/2017	CJR	I
2-Chlorotoluene	< 18	ug/l	18	57.5	50	8260B		5/4/2017	CJR	I
4-Chlorotoluene	< 17.5	ug/l	17.5	55.5	50	8260B		5/4/2017	CJR	I
1,2-Dibromo-3-chloropropane	< 94	ug/l	94	299	50	8260B		5/4/2017	CJR	I
Dibromochloromethane	< 22.5	ug/l	22.5	72	50	8260B		5/4/2017	CJR	I
1,4-Dichlorobenzene	< 21	ug/l	21	67	50	8260B		5/4/2017	CJR	I
1,3-Dichlorobenzene	< 22.5	ug/l	22.5	71.5	50	8260B		5/4/2017	CJR	I
1,2-Dichlorobenzene	< 17	ug/l	17	54.5	50	8260B		5/4/2017	CJR	I
Dichlorodifluoromethane	< 19	ug/l	19	60	50	8260B		5/4/2017	CJR	I
1,2-Dichloroethane	< 22.5	ug/l	22.5	71.5	50	8260B		5/4/2017	CJR	I
1,1-Dichloroethane	< 21	ug/l	21	67	50	8260B		5/4/2017	CJR	I
1,1-Dichloroethene	< 23	ug/l	23	73.5	50	8260B		5/4/2017	CJR	I
cis-1,2-Dichloroethene	< 20.5	ug/l	20.5	64.5	50	8260B		5/4/2017	CJR	I
trans-1,2-Dichloroethene	< 17.5	ug/l	17.5	56	50	8260B		5/4/2017	CJR	I
1,2-Dichloropropane	< 19.5	ug/l	19.5	62	50	8260B		5/4/2017	CJR	I
1,3-Dichloropropane	< 24.5	ug/l	24.5	77.5	50	8260B		5/4/2017	CJR	I
trans-1,3-Dichloropropene	< 21	ug/l	21	66.5	50	8260B		5/4/2017	CJR	I
cis-1,3-Dichloropropene	< 10.5	ug/l	10.5	32.5	50	8260B		5/4/2017	CJR	I
Di-isopropyl ether	< 13	ug/l	13	41.5	50	8260B		5/4/2017	CJR	I
EDB (1,2-Dibromoethane)	< 17	ug/l	17	54.5	50	8260B		5/4/2017	CJR	I
Ethylbenzene	5700	ug/l	10	31.5	50	8260B		5/4/2017	CJR	I
Hexachlorobutadiene	< 73.5	ug/l	73.5	234	50	8260B		5/4/2017	CJR	I
Isopropylbenzene	400	ug/l	14.5	46.5	50	8260B		5/4/2017	CJR	I
p-Isopropyltoluene	96	ug/l	14	45.5	50	8260B		5/4/2017	CJR	I
Methylene chloride	< 47	ug/l	47	149	50	8260B		5/4/2017	CJR	I
Methyl tert-butyl ether (MTBE)	< 41	ug/l	41	130	50	8260B		5/4/2017	CJR	I
Naphthalene	2220	ug/l	108.5	345	50	8260B		5/4/2017	CJR	I
n-Propylbenzene	1520	ug/l	9.5	31	50	8260B		5/4/2017	CJR	I
1,1,2,2-Tetrachloroethane	< 34.5	ug/l	34.5	110.5	50	8260B		5/4/2017	CJR	I
1,1,1,2-Tetrachloroethane	< 23.5	ug/l	23.5	74	50	8260B		5/4/2017	CJR	I
Tetrachloroethene	< 24	ug/l	24	76	50	8260B		5/4/2017	CJR	I
Toluene	25200	ug/l	134	426	200	8260B		5/5/2017	CJR	I
1,2,4-Trichlorobenzene	< 64.5	ug/l	64.5	205	50	8260B		5/4/2017	CJR	I

Project Name PILSNER FORD **Invoice #** E32855
Project #

Lab Code 5032855D
Sample ID MW-1
Sample Matrix Water
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 41.5	ug/l	41.5	131.5	50	8260B		5/4/2017	CJR	1
1,1,1-Trichloroethane	< 17.5	ug/l	17.5	55.5	50	8260B		5/4/2017	CJR	1
1,1,2-Trichloroethane	< 32.5	ug/l	32.5	103	50	8260B		5/4/2017	CJR	1
Trichloroethene (TCE)	< 22.5	ug/l	22.5	71.5	50	8260B		5/4/2017	CJR	1
Trichlorofluoromethane	< 32	ug/l	32	102	50	8260B		5/4/2017	CJR	1
1,2,4-Trimethylbenzene	9200	ug/l	57	181.5	50	8260B		5/4/2017	CJR	1
1,3,5-Trimethylbenzene	2820	ug/l	45.5	145	50	8260B		5/4/2017	CJR	1
Vinyl Chloride	< 9.5	ug/l	9.5	31	50	8260B		5/4/2017	CJR	1
m&p-Xylene	19500	ug/l	78	247.5	50	8260B		5/4/2017	CJR	1
o-Xylene	8000	ug/l	19.5	62.5	50	8260B		5/4/2017	CJR	1
SUR - 4-Bromofluorobenzene	101	REC %			50	8260B		5/4/2017	CJR	1
SUR - Dibromofluoromethane	98	REC %			50	8260B		5/4/2017	CJR	1
SUR - Toluene-d8	93	REC %			50	8260B		5/4/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	101	REC %			50	8260B		5/4/2017	CJR	1
Wet Chemistry										
General										
Nitrite Plus Nitrate, Dissolved	1.27	mg/l	0.17	0.53	1	353.2		5/17/2017	NJC	1
Sulfate, Filtered	< 15.5	mg/l	15.5	49.3	10	ASTM D516-		5/16/2017	NJC	1

Project Name PILSNER FORD **Invoice #** E32855
Project #

Lab Code 5032855E
Sample ID TB
Sample Matrix Water
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		5/4/2017	CJR	1
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B		5/4/2017	CJR	1
Bromodichloromethane	< 0.31	ug/l	0.31	1	1	8260B		5/4/2017	CJR	1
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B		5/4/2017	CJR	1
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B		5/4/2017	CJR	1
sec-Butylbenzene	< 0.24	ug/l	0.24	0.76	1	8260B		5/4/2017	CJR	1
n-Butylbenzene	< 0.34	ug/l	0.34	1.08	1	8260B		5/4/2017	CJR	1
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B		5/4/2017	CJR	1
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B		5/4/2017	CJR	1
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		5/4/2017	CJR	1
Chloroform	< 0.96	ug/l	0.96	3.04	1	8260B		5/4/2017	CJR	1
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B		5/4/2017	CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B		5/4/2017	CJR	1
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B		5/4/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B		5/4/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.44	1	8260B		5/4/2017	CJR	1
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B		5/4/2017	CJR	1
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B		5/4/2017	CJR	1
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B		5/4/2017	CJR	1
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B		5/4/2017	CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B		5/4/2017	CJR	1
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B		5/4/2017	CJR	1
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B		5/4/2017	CJR	1
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B		5/4/2017	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B		5/4/2017	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B		5/4/2017	CJR	1
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B		5/4/2017	CJR	1
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B		5/4/2017	CJR	1
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B		5/4/2017	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B		5/4/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		5/4/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		5/4/2017	CJR	1
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B		5/4/2017	CJR	1
Isopropylbenzene	< 0.29	ug/l	0.29	0.93	1	8260B		5/4/2017	CJR	1
p-Isopropyltoluene	< 0.28	ug/l	0.28	0.91	1	8260B		5/4/2017	CJR	1
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B		5/4/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		5/4/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		5/4/2017	CJR	1
n-Propylbenzene	< 0.19	ug/l	0.19	0.62	1	8260B		5/4/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B		5/4/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B		5/4/2017	CJR	1
Tetrachloroethene	< 0.48	ug/l	0.48	1.52	1	8260B		5/4/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		5/4/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B		5/4/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B		5/4/2017	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B		5/4/2017	CJR	1
1,1,2-Trichloroethane	< 0.65	ug/l	0.65	2.06	1	8260B		5/4/2017	CJR	1
Trichloroethene (TCE)	< 0.45	ug/l	0.45	1.43	1	8260B		5/4/2017	CJR	1
Trichlorofluoromethane	< 0.64	ug/l	0.64	2.04	1	8260B		5/4/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		5/4/2017	CJR	1

Project Name PILSNER FORD **Invoice #** E32855
Project #

Lab Code 5032855E
Sample ID TB
Sample Matrix Water
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B		5/4/2017	CJR	1
Vinyl Chloride	< 0.19	ug/l	0.19	0.62	1	8260B		5/4/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B		5/4/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B		5/4/2017	CJR	1
SUR - Toluene-d8	92	REC %			1	8260B		5/4/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %			1	8260B		5/4/2017	CJR	1
SUR - 4-Bromofluorobenzene	98	REC %			1	8260B		5/4/2017	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		5/4/2017	CJR	1

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

Code	*Comment*
1	Laboratory QC within limits.

CWT denotes sub contract lab - Certification #445126660

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

Authorized Signature *Michael Ricker*

CHAIN CUSTODY RECORD

Synergy

Environmental Lab, Inc.

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

Chain # NE 31 8

Page 1 of 1

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

Lab I.D. #

Account No. : **Quote No.:**

Project #:

Sampler: (signature) Bryan Kyllonen

Project (Name / Location): Pilsner Ford / Juneau

Reports To: Dianna Williams	Invoice To: Dianna Williams
Company	Company c/o METCO
Address 207 West St.	Address 709 Gillette Street, Suite 3
City State Zip Juneau, WI 53039	City State Zip La Crosse, WI 54603
Phone (920) - 210 - 1490	Phone
FAX	FAX

Lab I.D.	Sample I.D.	Collection Date	Collection 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-RCRA METALS	Dissolved Iron	Dissolved Manganese	PID/FID
5032855 A	MW-4	5/3/17	1000			Y	6	GW	HCl, HNO3, H2SO4			X	X						X			X		X	X	
B	MW-3	↓	1030			↓	↓	↓	None			X	X						X			X		X	X	
C	MW-2		1105									X	X						X			X		X	X	
D	MW-1		1150									X	X						X			X		X	X	
E	TB						1															X				

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

Lab to send copy of report to METCO/Jason R. (Invoice to METCO)
* U + C rules apply *
* Agent Status *

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

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
Bryan Kyllonen	3:30PM	5/3/17			

Received in Laboratory By: [signature] Time: 8:00 Date: 05/04/17

Synergy Environmental Lab,

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

DIANNA WILLIAMS
DIANA WILLIAMS
207 WEST STREET
JUNEAU, WI 53039

Report Date *30-Nov-17*

Project Name PILSNER FORD **Invoice #** E33900
Project #

Lab Code 5033900A
Sample ID METH BLANK
Sample Matrix Soil
Sample Date 11/10/2017

	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		11/22/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		11/22/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		11/22/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		11/22/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		11/22/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		11/22/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		11/22/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		11/22/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		11/22/2017	TCC	1

Project Name PILSNER FORD **Invoice #** E33900
Project #

Lab Code 5033900B
Sample ID MW-7-2
Sample Matrix Soil
Sample Date 11/10/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	78.1	%			1	5021		11/14/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		11/24/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		11/24/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		11/24/2017	TCC	1
Naphthalene	2.56	mg/kg	0.022	0.07	1	GRO95/8021		11/24/2017	TCC	1
Toluene	0.0253 "J"	mg/kg	0.014	0.046	1	GRO95/8021		11/24/2017	TCC	1
1,2,4-Trimethylbenzene	0.257	mg/kg	0.01	0.032	1	GRO95/8021		11/24/2017	TCC	1
1,3,5-Trimethylbenzene	0.20	mg/kg	0.011	0.036	1	GRO95/8021		11/24/2017	TCC	1
m&p-Xylene	0.082	mg/kg	0.012	0.037	1	GRO95/8021		11/24/2017	TCC	1
o-Xylene	0.046 "J"	mg/kg	0.015	0.047	1	GRO95/8021		11/24/2017	TCC	1

Lab Code 5033900C
Sample ID DRUM
Sample Matrix Soil
Sample Date 11/10/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.3	%			1	5021		11/14/2017	NJC	1
Inorganic										
Metals										
TCLP Lead	< 0.1	mg/l		0.1	1	6010B		11/19/2017	ESC	1
Organic										
General										
Gasoline Range Organics	34	mg/kg	1.07	3.41	1	GRO95/8021		11/24/2017	TCC	1 44

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

Code	*Comment*
1	Laboratory QC within limits.
44	Contamination indicated outside GRO window.

ESC denotes sub contract lab - Certification #998093910

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

Authorized Signature Michael Ricker

CHAIN OF CUSTODY RECORD

Synergy

Environmental Lab, Inc.

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

Chain # N° 3051

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

Lab I.D. #	
Account No. :	Quote No.:
Project #:	
Sampler: (signature)	
Project (Name / Location): Pilsner Ford	

Reports To: Dianna Williams	Invoice To: Dianna Williams
Company	Company c/o METCO
Address 207 West Street	Address 709 Gillette St, Ste 3
City State Zip Juneau, WI 53039	City State Zip La Crosse, WI 54603
Phone (920) 210-1490	Phone (608) 781-9579
FAX	FAX

Lab I.D	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
50355001	Meth Blank	11/10					1		MeOH
B	MW-2 2	↓	12:30		X		2	S	
C	Drum Composite	↓	12:32	X			4	S	↓ None

Analysis Requested / Other Analysis

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

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

Lab to send copy of report to METCO

VOC Rates

Agent Status

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

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	6:00 PM	11/10/17			

Received in Laboratory By: [signature] Time: 8:00 Date: 11/14/17

Synergy Environmental Lab,

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

DIANNA WILLIAMS
DIANA WILLIAMS
207 WEST STREET
JUNEAU, WI 53039

Report Date *22-Jan-18*

Project Name PILSNER FORD **Invoice #** E34122
Project #

Lab Code 5034122A
Sample ID MW-7
Sample Matrix Water
Sample Date 1/10/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved		< 0.9	ug/L	0.9	3	1	7421		1/19/2018	CWT	1
Organic											
VOC's											
Benzene	0.97		ug/l	0.17	0.55	1	8260B		1/16/2018	CJR	1
Bromobenzene		< 0.43	ug/l	0.43	1.37	1	8260B		1/16/2018	CJR	1
Bromodichloromethane		< 0.31	ug/l	0.31	1	1	8260B		1/16/2018	CJR	1
Bromoform		< 0.49	ug/l	0.49	1.56	1	8260B		1/16/2018	CJR	1
tert-Butylbenzene		< 0.39	ug/l	0.39	1.23	1	8260B		1/16/2018	CJR	1
sec-Butylbenzene		< 0.24	ug/l	0.24	0.76	1	8260B		1/16/2018	CJR	1
n-Butylbenzene		< 0.34	ug/l	0.34	1.08	1	8260B		1/16/2018	CJR	1
Carbon Tetrachloride		< 0.21	ug/l	0.21	0.68	1	8260B		1/16/2018	CJR	1
Chlorobenzene		< 0.27	ug/l	0.27	0.86	1	8260B		1/16/2018	CJR	1
Chloroethane		< 0.5	ug/l	0.5	1.6	1	8260B		1/16/2018	CJR	1
Chloroform		< 0.96	ug/l	0.96	3.04	1	8260B		1/16/2018	CJR	1
Chloromethane		< 1.3	ug/l	1.3	4.15	1	8260B		1/16/2018	CJR	1
2-Chlorotoluene		< 0.36	ug/l	0.36	1.15	1	8260B		1/16/2018	CJR	1
4-Chlorotoluene		< 0.35	ug/l	0.35	1.11	1	8260B		1/16/2018	CJR	1
1,2-Dibromo-3-chloropropane		< 1.88	ug/l	1.88	5.98	1	8260B		1/16/2018	CJR	1
Dibromochloromethane		< 0.45	ug/l	0.45	1.44	1	8260B		1/16/2018	CJR	1
1,4-Dichlorobenzene		< 0.42	ug/l	0.42	1.34	1	8260B		1/16/2018	CJR	1
1,3-Dichlorobenzene		< 0.45	ug/l	0.45	1.43	1	8260B		1/16/2018	CJR	1
1,2-Dichlorobenzene		< 0.34	ug/l	0.34	1.09	1	8260B		1/16/2018	CJR	1
Dichlorodifluoromethane		< 0.38	ug/l	0.38	1.2	1	8260B		1/16/2018	CJR	1
1,2-Dichloroethane		< 0.45	ug/l	0.45	1.43	1	8260B		1/16/2018	CJR	1
1,1-Dichloroethane		< 0.42	ug/l	0.42	1.34	1	8260B		1/16/2018	CJR	1
1,1-Dichloroethene		< 0.46	ug/l	0.46	1.47	1	8260B		1/16/2018	CJR	1
cis-1,2-Dichloroethene		< 0.41	ug/l	0.41	1.29	1	8260B		1/16/2018	CJR	1
trans-1,2-Dichloroethene		< 0.35	ug/l	0.35	1.12	1	8260B		1/16/2018	CJR	1

Project Name PILSNER FORD **Invoice #** E34122
Project #

Lab Code 5034122A
Sample ID MW-7
Sample Matrix Water
Sample Date 1/10/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2-Dichloropropane		< 0.39	ug/l	0.39	1.24	1	8260B		1/16/2018	CJR	1
1,3-Dichloropropane		< 0.49	ug/l	0.49	1.55	1	8260B		1/16/2018	CJR	1
trans-1,3-Dichloropropene		< 0.42	ug/l	0.42	1.33	1	8260B		1/16/2018	CJR	1
cis-1,3-Dichloropropene		< 0.21	ug/l	0.21	0.65	1	8260B		1/16/2018	CJR	1
Di-isopropyl ether		< 0.26	ug/l	0.26	0.83	1	8260B		1/16/2018	CJR	1
EDB (1,2-Dibromoethane)		< 0.34	ug/l	0.34	1.09	1	8260B		1/16/2018	CJR	1
Ethylbenzene	0.43 "J"		ug/l	0.2	0.63	1	8260B		1/16/2018	CJR	1
Hexachlorobutadiene		< 1.47	ug/l	1.47	4.68	1	8260B		1/16/2018	CJR	1
Isopropylbenzene	0.68 "J"		ug/l	0.29	0.93	1	8260B		1/16/2018	CJR	1
p-Isopropyltoluene		< 0.28	ug/l	0.28	0.91	1	8260B		1/16/2018	CJR	1
Methylene chloride		< 0.94	ug/l	0.94	2.98	1	8260B		1/16/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.82	ug/l	0.82	2.6	1	8260B		1/16/2018	CJR	1
Naphthalene		< 2.17	ug/l	2.17	6.9	1	8260B		1/16/2018	CJR	1
n-Propylbenzene	0.27 "J"		ug/l	0.19	0.62	1	8260B		1/16/2018	CJR	1
1,1,2,2-Tetrachloroethane		< 0.69	ug/l	0.69	2.21	1	8260B		1/16/2018	CJR	1
1,1,1,2-Tetrachloroethane		< 0.47	ug/l	0.47	1.48	1	8260B		1/16/2018	CJR	1
Tetrachloroethene		< 0.48	ug/l	0.48	1.52	1	8260B		1/16/2018	CJR	1
Toluene		< 0.67	ug/l	0.67	2.13	1	8260B		1/16/2018	CJR	1
1,2,4-Trichlorobenzene		< 1.29	ug/l	1.29	4.1	1	8260B		1/16/2018	CJR	1
1,2,3-Trichlorobenzene		< 0.83	ug/l	0.83	2.63	1	8260B		1/16/2018	CJR	1
1,1,1-Trichloroethane		< 0.35	ug/l	0.35	1.11	1	8260B		1/16/2018	CJR	1
1,1,2-Trichloroethane		< 0.65	ug/l	0.65	2.06	1	8260B		1/16/2018	CJR	1
Trichloroethene (TCE)		< 0.45	ug/l	0.45	1.43	1	8260B		1/16/2018	CJR	1
Trichlorofluoromethane		< 0.64	ug/l	0.64	2.04	1	8260B		1/16/2018	CJR	1
1,2,4-Trimethylbenzene		< 1.14	ug/l	1.14	3.63	1	8260B		1/16/2018	CJR	1
1,3,5-Trimethylbenzene		< 0.91	ug/l	0.91	2.9	1	8260B		1/16/2018	CJR	1
Vinyl Chloride	0.22 "J"		ug/l	0.19	0.62	1	8260B		1/16/2018	CJR	1
m&p-Xylene		< 1.56	ug/l	1.56	4.95	1	8260B		1/16/2018	CJR	1
o-Xylene		< 0.39	ug/l	0.39	1.25	1	8260B		1/16/2018	CJR	1
SUR - Toluene-d8	96		REC %			1	8260B		1/16/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	93		REC %			1	8260B		1/16/2018	CJR	1
SUR - 4-Bromofluorobenzene	101		REC %			1	8260B		1/16/2018	CJR	1
SUR - Dibromofluoromethane	103		REC %			1	8260B		1/16/2018	CJR	1

Project Name PILSNER FORD **Invoice #** E34122
Project #

Lab Code 5034122B
Sample ID MW-5
Sample Matrix Water
Sample Date 1/10/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	< 0.9	ug/L	0.9	3	1	7421		1/19/2018	CWT	1
Organic										
VOC's										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		1/16/2018	CJR	1
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B		1/16/2018	CJR	1
Bromodichloromethane	< 0.31	ug/l	0.31	1	1	8260B		1/16/2018	CJR	1
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B		1/16/2018	CJR	1
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B		1/16/2018	CJR	1
sec-Butylbenzene	< 0.24	ug/l	0.24	0.76	1	8260B		1/16/2018	CJR	1
n-Butylbenzene	< 0.34	ug/l	0.34	1.08	1	8260B		1/16/2018	CJR	1
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B		1/16/2018	CJR	1
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B		1/16/2018	CJR	1
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		1/16/2018	CJR	1
Chloroform	< 0.96	ug/l	0.96	3.04	1	8260B		1/16/2018	CJR	1
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B		1/16/2018	CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B		1/16/2018	CJR	1
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B		1/16/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B		1/16/2018	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.44	1	8260B		1/16/2018	CJR	1
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B		1/16/2018	CJR	1
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B		1/16/2018	CJR	1
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B		1/16/2018	CJR	1
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B		1/16/2018	CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B		1/16/2018	CJR	1
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B		1/16/2018	CJR	1
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B		1/16/2018	CJR	1
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B		1/16/2018	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B		1/16/2018	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B		1/16/2018	CJR	1
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B		1/16/2018	CJR	1
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B		1/16/2018	CJR	1
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B		1/16/2018	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B		1/16/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		1/16/2018	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		1/16/2018	CJR	1
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B		1/16/2018	CJR	1
Isopropylbenzene	< 0.29	ug/l	0.29	0.93	1	8260B		1/16/2018	CJR	1
p-Isopropyltoluene	< 0.28	ug/l	0.28	0.91	1	8260B		1/16/2018	CJR	1
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B		1/16/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		1/16/2018	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		1/16/2018	CJR	1
n-Propylbenzene	< 0.19	ug/l	0.19	0.62	1	8260B		1/16/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B		1/16/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B		1/16/2018	CJR	1
Tetrachloroethene	< 0.48	ug/l	0.48	1.52	1	8260B		1/16/2018	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		1/16/2018	CJR	1
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B		1/16/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B		1/16/2018	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B		1/16/2018	CJR	1

Project Name PILSNER FORD
Project #

Invoice # E34122

Lab Code 5034122B
Sample ID MW-5
Sample Matrix Water
Sample Date 1/10/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1,2-Trichloroethane		< 0.65	ug/l	0.65	2.06	1	8260B		1/16/2018	CJR	1
Trichloroethene (TCE)		< 0.45	ug/l	0.45	1.43	1	8260B		1/16/2018	CJR	1
Trichlorofluoromethane		< 0.64	ug/l	0.64	2.04	1	8260B		1/16/2018	CJR	1
1,2,4-Trimethylbenzene		< 1.14	ug/l	1.14	3.63	1	8260B		1/16/2018	CJR	1
1,3,5-Trimethylbenzene		< 0.91	ug/l	0.91	2.9	1	8260B		1/16/2018	CJR	1
Vinyl Chloride		< 0.19	ug/l	0.19	0.62	1	8260B		1/16/2018	CJR	1
m&p-Xylene		< 1.56	ug/l	1.56	4.95	1	8260B		1/16/2018	CJR	1
o-Xylene		< 0.39	ug/l	0.39	1.25	1	8260B		1/16/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	97		REC %			1	8260B		1/16/2018	CJR	1
SUR - 4-Bromofluorobenzene	101		REC %			1	8260B		1/16/2018	CJR	1
SUR - Dibromofluoromethane	102		REC %			1	8260B		1/16/2018	CJR	1
SUR - Toluene-d8	100		REC %			1	8260B		1/16/2018	CJR	1

Project Name PILSNER FORD **Invoice #** E34122
Project #

Lab Code 5034122C
Sample ID MW-6
Sample Matrix Water
Sample Date 1/10/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved		< 0.9	ug/L	0.9	3	1	7421		1/19/2018	CWT	I
Organic											
VOC's											
Benzene	0.72		ug/l	0.17	0.55	1	8260B		1/16/2018	CJR	I
Bromobenzene		< 0.43	ug/l	0.43	1.37	1	8260B		1/16/2018	CJR	I
Bromodichloromethane		< 0.31	ug/l	0.31	1	1	8260B		1/16/2018	CJR	I
Bromoform		< 0.49	ug/l	0.49	1.56	1	8260B		1/16/2018	CJR	I
tert-Butylbenzene		< 0.39	ug/l	0.39	1.23	1	8260B		1/16/2018	CJR	I
sec-Butylbenzene	1.02		ug/l	0.24	0.76	1	8260B		1/16/2018	CJR	I
n-Butylbenzene	1.46		ug/l	0.34	1.08	1	8260B		1/16/2018	CJR	I
Carbon Tetrachloride		< 0.21	ug/l	0.21	0.68	1	8260B		1/16/2018	CJR	I
Chlorobenzene		< 0.27	ug/l	0.27	0.86	1	8260B		1/16/2018	CJR	I
Chloroethane		< 0.5	ug/l	0.5	1.6	1	8260B		1/16/2018	CJR	I
Chloroform		< 0.96	ug/l	0.96	3.04	1	8260B		1/16/2018	CJR	I
Chloromethane		< 1.3	ug/l	1.3	4.15	1	8260B		1/16/2018	CJR	I
2-Chlorotoluene		< 0.36	ug/l	0.36	1.15	1	8260B		1/16/2018	CJR	I
4-Chlorotoluene		< 0.35	ug/l	0.35	1.11	1	8260B		1/16/2018	CJR	I
1,2-Dibromo-3-chloropropane		< 1.88	ug/l	1.88	5.98	1	8260B		1/16/2018	CJR	I
Dibromochloromethane		< 0.45	ug/l	0.45	1.44	1	8260B		1/16/2018	CJR	I
1,4-Dichlorobenzene		< 0.42	ug/l	0.42	1.34	1	8260B		1/16/2018	CJR	I
1,3-Dichlorobenzene		< 0.45	ug/l	0.45	1.43	1	8260B		1/16/2018	CJR	I
1,2-Dichlorobenzene		< 0.34	ug/l	0.34	1.09	1	8260B		1/16/2018	CJR	I
Dichlorodifluoromethane		< 0.38	ug/l	0.38	1.2	1	8260B		1/16/2018	CJR	I
1,2-Dichloroethane		< 0.45	ug/l	0.45	1.43	1	8260B		1/16/2018	CJR	I
1,1-Dichloroethane		< 0.42	ug/l	0.42	1.34	1	8260B		1/16/2018	CJR	I
1,1-Dichloroethene		< 0.46	ug/l	0.46	1.47	1	8260B		1/16/2018	CJR	I
cis-1,2-Dichloroethene		< 0.41	ug/l	0.41	1.29	1	8260B		1/16/2018	CJR	I
trans-1,2-Dichloroethene		< 0.35	ug/l	0.35	1.12	1	8260B		1/16/2018	CJR	I
1,2-Dichloropropane		< 0.39	ug/l	0.39	1.24	1	8260B		1/16/2018	CJR	I
1,3-Dichloropropane		< 0.49	ug/l	0.49	1.55	1	8260B		1/16/2018	CJR	I
trans-1,3-Dichloropropene		< 0.42	ug/l	0.42	1.33	1	8260B		1/16/2018	CJR	I
cis-1,3-Dichloropropene		< 0.21	ug/l	0.21	0.65	1	8260B		1/16/2018	CJR	I
Di-isopropyl ether		< 0.26	ug/l	0.26	0.83	1	8260B		1/16/2018	CJR	I
EDB (1,2-Dibromoethane)		< 0.34	ug/l	0.34	1.09	1	8260B		1/16/2018	CJR	I
Ethylbenzene	0.70		ug/l	0.2	0.63	1	8260B		1/16/2018	CJR	I
Hexachlorobutadiene		< 1.47	ug/l	1.47	4.68	1	8260B		1/16/2018	CJR	I
Isopropylbenzene	1.21		ug/l	0.29	0.93	1	8260B		1/16/2018	CJR	I
p-Isopropyltoluene		< 0.28	ug/l	0.28	0.91	1	8260B		1/16/2018	CJR	I
Methylene chloride		< 0.94	ug/l	0.94	2.98	1	8260B		1/16/2018	CJR	I
Methyl tert-butyl ether (MTBE)		< 0.82	ug/l	0.82	2.6	1	8260B		1/16/2018	CJR	I
Naphthalene		< 2.17	ug/l	2.17	6.9	1	8260B		1/16/2018	CJR	I
n-Propylbenzene	3.8		ug/l	0.19	0.62	1	8260B		1/16/2018	CJR	I
1,1,2,2-Tetrachloroethane		< 0.69	ug/l	0.69	2.21	1	8260B		1/16/2018	CJR	I
1,1,1,2-Tetrachloroethane		< 0.47	ug/l	0.47	1.48	1	8260B		1/16/2018	CJR	I
Tetrachloroethene		< 0.48	ug/l	0.48	1.52	1	8260B		1/16/2018	CJR	I
Toluene		< 0.67	ug/l	0.67	2.13	1	8260B		1/16/2018	CJR	I
1,2,4-Trichlorobenzene		< 1.29	ug/l	1.29	4.1	1	8260B		1/16/2018	CJR	I
1,2,3-Trichlorobenzene		< 0.83	ug/l	0.83	2.63	1	8260B		1/16/2018	CJR	I
1,1,1-Trichloroethane		< 0.35	ug/l	0.35	1.11	1	8260B		1/16/2018	CJR	I

Project Name PILSNER FORD **Invoice #** E34122
Project #

Lab Code 5034122C
Sample ID MW-6
Sample Matrix Water
Sample Date 1/10/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1,2-Trichloroethane		< 0.65	ug/l	0.65	2.06	1	8260B		1/16/2018	CJR	1
Trichloroethene (TCE)		< 0.45	ug/l	0.45	1.43	1	8260B		1/16/2018	CJR	1
Trichlorofluoromethane		< 0.64	ug/l	0.64	2.04	1	8260B		1/16/2018	CJR	1
1,2,4-Trimethylbenzene		< 1.14	ug/l	1.14	3.63	1	8260B		1/16/2018	CJR	1
1,3,5-Trimethylbenzene		< 0.91	ug/l	0.91	2.9	1	8260B		1/16/2018	CJR	1
Vinyl Chloride		< 0.19	ug/l	0.19	0.62	1	8260B		1/16/2018	CJR	1
m&p-Xylene		< 1.56	ug/l	1.56	4.95	1	8260B		1/16/2018	CJR	1
o-Xylene		< 0.39	ug/l	0.39	1.25	1	8260B		1/16/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	97		REC %			1	8260B		1/16/2018	CJR	1
SUR - 4-Bromofluorobenzene	104		REC %			1	8260B		1/16/2018	CJR	1
SUR - Dibromofluoromethane	102		REC %			1	8260B		1/16/2018	CJR	1
SUR - Toluene-d8	99		REC %			1	8260B		1/16/2018	CJR	1

Lab Code 5034122D
Sample ID MW-3
Sample Matrix Water
Sample Date 1/10/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved		< 0.9	ug/L	0.9	3	1	7421		1/19/2018	CWT	1
Organic											
PVOC + Naphthalene											
Benzene	297		ug/l	0.22	0.69	1	GRO95/8021		1/15/2018	CJR	1
Ethylbenzene	13.2		ug/l	0.53	1.69	1	GRO95/8021		1/15/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.57	ug/l	0.57	1.82	1	GRO95/8021		1/15/2018	CJR	1
Naphthalene		< 1.7	ug/l	1.7	5.38	1	GRO95/8021		1/15/2018	CJR	1
Toluene	7.8		ug/l	0.45	1.45	1	GRO95/8021		1/15/2018	CJR	1
1,2,4-Trimethylbenzene	6.4		ug/l	0.73	2.33	1	GRO95/8021		1/15/2018	CJR	1
1,3,5-Trimethylbenzene	2.06 "J"		ug/l	0.75	2.39	1	GRO95/8021		1/15/2018	CJR	1
m&p-Xylene	9.0		ug/l	1	3.17	1	GRO95/8021		1/15/2018	CJR	1
o-Xylene	2.86		ug/l	0.58	1.84	1	GRO95/8021		1/15/2018	CJR	1

Project Name PILSNER FORD **Invoice #** E34122
Project #

Lab Code 5034122E
Sample ID MW-2
Sample Matrix Water
Sample Date 1/10/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved		< 0.9	ug/L	0.9	3	1	7421		1/19/2018	CWT	1
Organic											
PVOC + Naphthalene											
Benzene	283		ug/l	0.22	0.69	1	GRO95/8021		1/15/2018	CJR	1
Ethylbenzene	113		ug/l	0.53	1.69	1	GRO95/8021		1/15/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.57	ug/l	0.57	1.82	1	GRO95/8021		1/15/2018	CJR	1
Naphthalene	26.7		ug/l	1.7	5.38	1	GRO95/8021		1/15/2018	CJR	1
Toluene	128		ug/l	0.45	1.45	1	GRO95/8021		1/15/2018	CJR	1
1,2,4-Trimethylbenzene	134		ug/l	0.73	2.33	1	GRO95/8021		1/15/2018	CJR	1
1,3,5-Trimethylbenzene	42		ug/l	0.75	2.39	1	GRO95/8021		1/15/2018	CJR	1
m&p-Xylene	232		ug/l	1	3.17	1	GRO95/8021		1/15/2018	CJR	1
o-Xylene	22.6		ug/l	0.58	1.84	1	GRO95/8021		1/15/2018	CJR	1

Lab Code 5034122F
Sample ID MW-4
Sample Matrix Water
Sample Date 1/10/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved		< 0.9	ug/L	0.9	3	1	7421		1/19/2018	CWT	1
Organic											
PVOC + Naphthalene											
Benzene	183		ug/l	0.22	0.69	1	GRO95/8021		1/15/2018	CJR	1
Ethylbenzene	5.3		ug/l	0.53	1.69	1	GRO95/8021		1/15/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.57	ug/l	0.57	1.82	1	GRO95/8021		1/15/2018	CJR	1
Naphthalene	1.8 "J"		ug/l	1.7	5.38	1	GRO95/8021		1/15/2018	CJR	1
Toluene	7.2		ug/l	0.45	1.45	1	GRO95/8021		1/15/2018	CJR	1
1,2,4-Trimethylbenzene	1.95 "J"		ug/l	0.73	2.33	1	GRO95/8021		1/15/2018	CJR	1
1,3,5-Trimethylbenzene	0.77 "J"		ug/l	0.75	2.39	1	GRO95/8021		1/15/2018	CJR	1
m&p-Xylene	5.9		ug/l	1	3.17	1	GRO95/8021		1/15/2018	CJR	1
o-Xylene	0.73 "J"		ug/l	0.58	1.84	1	GRO95/8021		1/15/2018	CJR	1

Project Name PILSNER FORD **Invoice #** E34122
Project #

Lab Code 5034122G
Sample ID MW-1
Sample Matrix Water
Sample Date 1/10/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved	5.8		ug/L	0.9	3	1	7421		1/19/2018	CWT	1
Organic											
PVOC + Naphthalene											
Benzene	14800		ug/l	22	69	100	GRO95/8021		1/16/2018	CJR	1
Ethylbenzene	2200		ug/l	53	169	100	GRO95/8021		1/16/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 57	ug/l	57	182	100	GRO95/8021		1/16/2018	CJR	1
Naphthalene	610		ug/l	170	538	100	GRO95/8021		1/16/2018	CJR	1
Toluene	19900		ug/l	45	145	100	GRO95/8021		1/16/2018	CJR	1
1,2,4-Trimethylbenzene	1550		ug/l	73	233	100	GRO95/8021		1/16/2018	CJR	1
1,3,5-Trimethylbenzene	480		ug/l	75	239	100	GRO95/8021		1/16/2018	CJR	1
m&p-Xylene	7300		ug/l	100	317	100	GRO95/8021		1/16/2018	CJR	1
o-Xylene	3150		ug/l	58	184	100	GRO95/8021		1/16/2018	CJR	1

Project Name PILSNER FORD **Invoice #** E34122
Project #

Lab Code 5034122H
Sample ID TB
Sample Matrix Water
Sample Date 1/10/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		1/16/2018	CJR	
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B		1/16/2018	CJR	
Bromodichloromethane	< 0.31	ug/l	0.31	1	1	8260B		1/16/2018	CJR	
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B		1/16/2018	CJR	
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B		1/16/2018	CJR	
sec-Butylbenzene	< 0.24	ug/l	0.24	0.76	1	8260B		1/16/2018	CJR	
n-Butylbenzene	< 0.34	ug/l	0.34	1.08	1	8260B		1/16/2018	CJR	
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B		1/16/2018	CJR	
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B		1/16/2018	CJR	
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		1/16/2018	CJR	
Chloroform	< 0.96	ug/l	0.96	3.04	1	8260B		1/16/2018	CJR	
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B		1/16/2018	CJR	
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B		1/16/2018	CJR	
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B		1/16/2018	CJR	
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B		1/16/2018	CJR	
Dibromochloromethane	< 0.45	ug/l	0.45	1.44	1	8260B		1/16/2018	CJR	
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B		1/16/2018	CJR	
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B		1/16/2018	CJR	
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B		1/16/2018	CJR	
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B		1/16/2018	CJR	
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B		1/16/2018	CJR	
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B		1/16/2018	CJR	
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B		1/16/2018	CJR	
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B		1/16/2018	CJR	
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B		1/16/2018	CJR	
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B		1/16/2018	CJR	
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B		1/16/2018	CJR	
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B		1/16/2018	CJR	
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B		1/16/2018	CJR	
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B		1/16/2018	CJR	
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		1/16/2018	CJR	
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		1/16/2018	CJR	
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B		1/16/2018	CJR	
Isopropylbenzene	< 0.29	ug/l	0.29	0.93	1	8260B		1/16/2018	CJR	
p-Isopropyltoluene	< 0.28	ug/l	0.28	0.91	1	8260B		1/16/2018	CJR	
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B		1/16/2018	CJR	
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		1/16/2018	CJR	
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		1/16/2018	CJR	
n-Propylbenzene	< 0.19	ug/l	0.19	0.62	1	8260B		1/16/2018	CJR	
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B		1/16/2018	CJR	
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B		1/16/2018	CJR	
Tetrachloroethene	< 0.48	ug/l	0.48	1.52	1	8260B		1/16/2018	CJR	
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		1/16/2018	CJR	
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B		1/16/2018	CJR	
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B		1/16/2018	CJR	
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B		1/16/2018	CJR	
1,1,2-Trichloroethane	< 0.65	ug/l	0.65	2.06	1	8260B		1/16/2018	CJR	
Trichloroethene (TCE)	< 0.45	ug/l	0.45	1.43	1	8260B		1/16/2018	CJR	
Trichlorofluoromethane	< 0.64	ug/l	0.64	2.04	1	8260B		1/16/2018	CJR	
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		1/16/2018	CJR	

Project Name PILSNER FORD **Invoice #** E34122
Project #

Lab Code 5034122H
Sample ID TB
Sample Matrix Water
Sample Date 1/10/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene		< 0.91	ug/l	0.91	2.9	1	8260B		1/16/2018	CJR	1
Vinyl Chloride		< 0.19	ug/l	0.19	0.62	1	8260B		1/16/2018	CJR	1
m&p-Xylene		< 1.56	ug/l	1.56	4.95	1	8260B		1/16/2018	CJR	1
o-Xylene		< 0.39	ug/l	0.39	1.25	1	8260B		1/16/2018	CJR	1
SUR - Toluene-d8	99		REC %			1	8260B		1/16/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	94		REC %			1	8260B		1/16/2018	CJR	1
SUR - 4-Bromofluorobenzene	96		REC %			1	8260B		1/16/2018	CJR	1
SUR - Dibromofluoromethane	103		REC %			1	8260B		1/16/2018	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

Environmental Lab, Inc.

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

Chain # No 339

Page 1 of 1

Sample Handling Request

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

X Normal Turn Around

Lab I.D. #	
Account No. :	**Quote No.:**
Project #:	
Sampler: (signature)	Bruce Yurek
Project (Name / Location):	Pilsner Ford / Juneau

Reports To: Dianna Williams	Invoice To: Dianna Williams
Company	Company c/o METCO
Address 207 West Street	Address 709 Gillette Street, Suite 3
City State Zip Juneau, WI 53039	City State Zip La Crosse, WI 54603
Phone 920-210-1490	Phone
FAX	FAX

Analysis Requested | **Other Analysis**

Lab I.D.	Sample I.D.	Collection Date	Collection 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 524.2)	VOC (EPA 8260)	8-RCRA METALS								PID/ FID
503422 A	MW-7	1/10/18	950			Y	4	GW	HCl, HNO3			X										X	X								
B	MW-5		1025									X										X									
C	MW-6		1055									X										X									
D	MW-3		1210									X						X													
E	MW-2		1240									X						X													
F	MW-4		110									X						X													
G	MW-1		135									X						X													
H	TB						1		HCl														X								

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

Lab to send copy of report to METCO / Tasca P. (Invoice to METCO)

* IL + C rates apply
* Agent Status

Sample Integrity - To be completed by receiving lab

Method of Shipment: Car

Temp. of Temp. Blank ____ °C On Ice: X

Cooler seal intact upon receipt: X Yes ____ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
Bruce Yurek	8:20 AM	1/11/18			

Received in Laboratory By: [signature] Time: 8:00 Date: 1/12/18

Synergy Environmental Lab,

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

DIANNA WILLIAMS
DIANNA WILLIAMS
207 WEST STREET
JUNEAU, WI 53039

Report Date *04-May-18*

Project Name PILSNER FORD **Invoice #** E34519
Project #

Lab Code 5034519A
Sample ID MW-5
Sample Matrix Water
Sample Date 4/20/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	< 4.5	ug/L	4.5	15	5	7421		4/27/2018	CWT	1 49
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		4/27/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		4/27/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		4/27/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		4/27/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		4/27/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		4/27/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		4/27/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		4/27/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		4/27/2018	CJR	1

Project Name PILSNER FORD **Invoice #** E34519
Project #

Lab Code 5034519B
Sample ID MW-6
Sample Matrix Water
Sample Date 4/20/2018

	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		4/27/2018	CWT	1
Organic											
PVOC + Naphthalene											
Benzene	1.65		ug/l	0.22	0.69	1	GRO95/8021		4/27/2018	CJR	1
Ethylbenzene	0.86 "J"		ug/l	0.53	1.69	1	GRO95/8021		4/27/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.57	ug/l	0.57	1.82	1	GRO95/8021		4/27/2018	CJR	1
Naphthalene		< 1.7	ug/l	1.7	5.38	1	GRO95/8021		4/27/2018	CJR	1
Toluene	1.01 "J"		ug/l	0.45	1.45	1	GRO95/8021		4/27/2018	CJR	1
1,2,4-Trimethylbenzene		< 0.73	ug/l	0.73	2.33	1	GRO95/8021		4/27/2018	CJR	1
1,3,5-Trimethylbenzene		< 0.75	ug/l	0.75	2.39	1	GRO95/8021		4/27/2018	CJR	1
m&p-Xylene		< 1	ug/l	1	3.17	1	GRO95/8021		4/27/2018	CJR	1
o-Xylene		< 0.58	ug/l	0.58	1.84	1	GRO95/8021		4/27/2018	CJR	1

Lab Code 5034519C
Sample ID MW-7
Sample Matrix Water
Sample Date 4/20/2018

	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		4/27/2018	CWT	1
Organic											
PVOC + Naphthalene											
Benzene	7.3		ug/l	0.22	0.69	1	GRO95/8021		4/27/2018	CJR	1
Ethylbenzene	2.91		ug/l	0.53	1.69	1	GRO95/8021		4/27/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.57	ug/l	0.57	1.82	1	GRO95/8021		4/27/2018	CJR	1
Naphthalene	2.62 "J"		ug/l	1.7	5.38	1	GRO95/8021		4/27/2018	CJR	1
Toluene	0.98 "J"		ug/l	0.45	1.45	1	GRO95/8021		4/27/2018	CJR	1
1,2,4-Trimethylbenzene	3.08		ug/l	0.73	2.33	1	GRO95/8021		4/27/2018	CJR	1
1,3,5-Trimethylbenzene	3.5		ug/l	0.75	2.39	1	GRO95/8021		4/27/2018	CJR	1
m&p-Xylene	2.94 "J"		ug/l	1	3.17	1	GRO95/8021		4/27/2018	CJR	1
o-Xylene	1.5 "J"		ug/l	0.58	1.84	1	GRO95/8021		4/27/2018	CJR	1

Project Name PILSNER FORD **Invoice #** E34519
Project #

Lab Code 5034519D
Sample ID MW-4
Sample Matrix Water
Sample Date 4/20/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved	1.2 "J"		ug/L	0.9	3	1	7421		4/27/2018	CWT	1
Organic											
PVOC + Naphthalene											
Benzene	96		ug/l	0.22	0.69	1	GRO95/8021		4/27/2018	CJR	1
Ethylbenzene	8.1		ug/l	0.53	1.69	1	GRO95/8021		4/27/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.57	ug/l	0.57	1.82	1	GRO95/8021		4/27/2018	CJR	1
Naphthalene	1.98 "J"		ug/l	1.7	5.38	1	GRO95/8021		4/27/2018	CJR	1
Toluene	14.3		ug/l	0.45	1.45	1	GRO95/8021		4/27/2018	CJR	1
1,2,4-Trimethylbenzene	8.7		ug/l	0.73	2.33	1	GRO95/8021		4/27/2018	CJR	1
1,3,5-Trimethylbenzene	2.36 "J"		ug/l	0.75	2.39	1	GRO95/8021		4/27/2018	CJR	1
m&p-Xylene	26.2		ug/l	1	3.17	1	GRO95/8021		4/27/2018	CJR	1
o-Xylene	1.94		ug/l	0.58	1.84	1	GRO95/8021		4/27/2018	CJR	1

Lab Code 5034519E
Sample ID MW-2
Sample Matrix Water
Sample Date 4/20/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved	1.7 "J"		ug/L	0.9	3	1	7421		4/27/2018	CWT	1
Organic											
PVOC + Naphthalene											
Benzene	3.6		ug/l	0.22	0.69	1	GRO95/8021		4/27/2018	CJR	1
Ethylbenzene	1.59 "J"		ug/l	0.53	1.69	1	GRO95/8021		4/27/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.57	ug/l	0.57	1.82	1	GRO95/8021		4/27/2018	CJR	1
Naphthalene		< 1.7	ug/l	1.7	5.38	1	GRO95/8021		4/27/2018	CJR	1
Toluene	2.66		ug/l	0.45	1.45	1	GRO95/8021		4/27/2018	CJR	1
1,2,4-Trimethylbenzene	1.37 "J"		ug/l	0.73	2.33	1	GRO95/8021		4/27/2018	CJR	1
1,3,5-Trimethylbenzene		< 0.75	ug/l	0.75	2.39	1	GRO95/8021		4/27/2018	CJR	1
m&p-Xylene	1.9 "J"		ug/l	1	3.17	1	GRO95/8021		4/27/2018	CJR	1
o-Xylene		< 0.58	ug/l	0.58	1.84	1	GRO95/8021		4/27/2018	CJR	1

Project Name PILSNER FORD **Invoice #** E34519
Project #

Lab Code 5034519F
Sample ID MW-3
Sample Matrix Water
Sample Date 4/20/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved	0.9 "J"		ug/L	0.9	3	1	7421		4/27/2018	CWT	1
Organic											
PVOC + Naphthalene											
Benzene	0.41 "J"		ug/l	0.22	0.69	1	GRO95/8021		4/28/2018	CJR	1
Ethylbenzene		< 0.53	ug/l	0.53	1.69	1	GRO95/8021		4/28/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.57	ug/l	0.57	1.82	1	GRO95/8021		4/28/2018	CJR	1
Naphthalene		< 1.7	ug/l	1.7	5.38	1	GRO95/8021		4/28/2018	CJR	1
Toluene		< 0.45	ug/l	0.45	1.45	1	GRO95/8021		4/28/2018	CJR	1
1,2,4-Trimethylbenzene		< 0.73	ug/l	0.73	2.33	1	GRO95/8021		4/28/2018	CJR	1
1,3,5-Trimethylbenzene		< 0.75	ug/l	0.75	2.39	1	GRO95/8021		4/28/2018	CJR	1
m&p-Xylene		< 1	ug/l	1	3.17	1	GRO95/8021		4/28/2018	CJR	1
o-Xylene		< 0.58	ug/l	0.58	1.84	1	GRO95/8021		4/28/2018	CJR	1

Lab Code 5034519G
Sample ID MW-1
Sample Matrix Water
Sample Date 4/20/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved	36.1		ug/L	1.8	6	2	7421		4/27/2018	CWT	1
Organic											
PVOC + Naphthalene											
Benzene	14000		ug/l	22	69	100	GRO95/8021		4/28/2018	CJR	1
Ethylbenzene	2450		ug/l	53	169	100	GRO95/8021		4/28/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 57	ug/l	57	182	100	GRO95/8021		4/28/2018	CJR	1
Naphthalene	630		ug/l	170	538	100	GRO95/8021		4/28/2018	CJR	1
Toluene	19600		ug/l	45	145	100	GRO95/8021		4/28/2018	CJR	1
1,2,4-Trimethylbenzene	1870		ug/l	73	233	100	GRO95/8021		4/28/2018	CJR	1
1,3,5-Trimethylbenzene	550		ug/l	75	239	100	GRO95/8021		4/28/2018	CJR	1
m&p-Xylene	8300		ug/l	100	317	100	GRO95/8021		4/28/2018	CJR	1
o-Xylene	3200		ug/l	58	184	100	GRO95/8021		4/28/2018	CJR	1

Project Name PILSNER FORD **Invoice #** E34519
Project #

Lab Code 5034519H
Sample ID TB
Sample Matrix Water
Sample Date 4/20/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		4/27/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		4/27/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		4/27/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		4/27/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		4/27/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		4/27/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		4/27/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		4/27/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		4/27/2018	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.
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

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, Inc.

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

Chain # N2 3125

Page 1 of 1

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

Lab I.D. #	
Account No. :	Quote No.:
Project #:	
Sampler: (signature)	Tyler Woodke
Project (Name / Location):	Pilsner Ford / Juneau, WI
Reports To:	Dianna Williams
Company	
Address	207 West Street
City State Zip	Juneau, WI 53039
Phone	920-210-1490
FAX	
Invoice To:	Dianna Williams
Company	c/o METCO
Address	709 Gillette Street, Ste 3
City State Zip	La Crosse, WI 54603
Phone	608-781-8879
FAX	

Analysis Requested | **Other Analysis**

Lab I.D.	Sample I.D.	Collection Date	Collection 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-RCRA METALS	PID/FID
503515 A	MW-5	4/20	930			Y	4	GW	HCl, HNO3			X						X						
B	MW-6		850									X						X						
C	MW-7		920									X						X						
D	MW-4		945									X						X						
E	MW-2		1010									X						X						
F	MW-3		1035									X						X						
G	MW-1		1100									X						X						
H	TB						1		HCl									X						

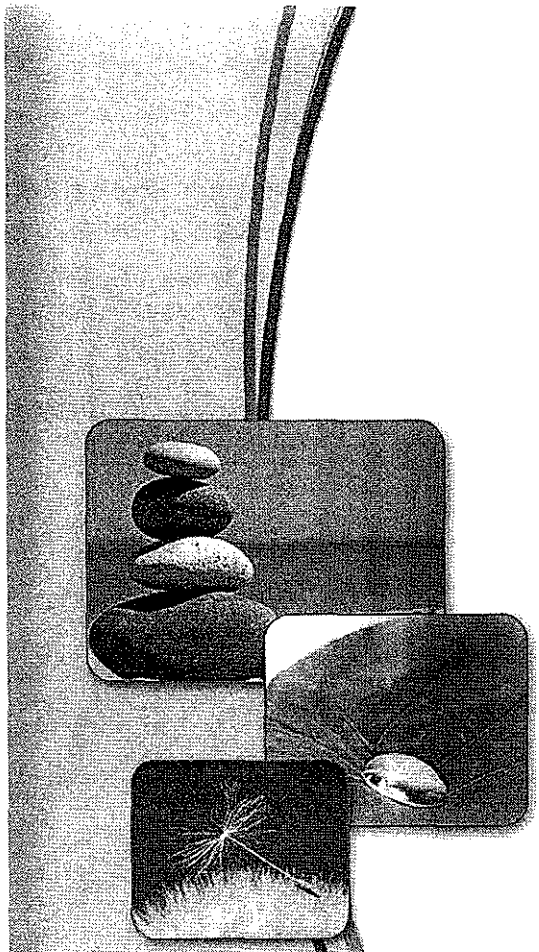
Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Lab to send copy of report to METCO/Jason P. (Invoice to METCO)
* Utc Rates Apply
# Agent Status

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

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
Tyler Woodke	8:30AM	4-23-18			

Received in Laboratory By: [signature] Time: 8:00 Date: 4/24/18



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921
Tel: (865)291-3000

TestAmerica Job ID: 140-11516-1
Client Project/Site: Pilsner Ford - Juneau WI 25218075

For:
SCS Engineers
2830 Dairy Dr
Madison, Wisconsin 53718

Attn: Mr. Eric Oelkers

Sandie Fredrick

Authorized for release by:
5/14/2018 6:27:53 PM

Sandie Fredrick, Project Manager II
(920)261-1660
sandie.fredrick@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Case Narrative

Client: SCS Engineers
Project/Site: Pilsner Ford - Juneau WI 25218075

TestAmerica Job ID: 140-11516-1

Job ID: 140-11516-1

Laboratory: TestAmerica Knoxville

Narrative

Job Narrative
140-11516-1

Comments
No additional comments.

Receipt
The samples were received on 5/10/2018 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice.

Air - GC/MS VOA
Method(s) TO 15 LL, TO-14A, TO-15: EPA methods TO-14A and TO-15 specify the use of humidified "zero air" as the blank reagent for canister cleaning, instrument calibration and sample analysis. Ultra-high purity humidified nitrogen from a cryogenic reservoir is used in place of "zero air" by TestAmerica Knoxville.

Method(s) TO-15: The continuing calibration verification (CCV) associated with batch 140-20189 exhibited % difference of > 30% for the following analyte(s) 4-Methyl-2-pentanone (MIBK), 2-Hexanone and/or Naphthalene however, the results were within the LCS acceptance limits. The EPA method requires that all target analytes in the continuing calibration verification standard be within 30% difference from the initial calibration. According to the laboratory standard operating procedure, the continuing calibration is acceptable if it meets the laboratory control sample acceptance criteria.

Method(s) TO-15: Although the BFB is flagged as outside control limits for TO-14A on batch 140-20189, the results are within limits for TO-15, which is required for this project.

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

Detection Summary

Client: SCS Engineers
Project/Site: Pilsner Ford - Juneau WI 25218075

TestAmerica Job ID: 140-11516-1

Client Sample ID: VS-1

Lab Sample ID: 140-11516-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	1.7		0.20	0.063	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.40		0.20	0.065	ppb v/v	1		TO-15	Total/NA
Benzene	0.30		0.20	0.056	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	1.2		0.20	0.068	ppb v/v	1		TO-15	Total/NA
m-Xylene & p-Xylene	3.7		0.20	0.12	ppb v/v	1		TO-15	Total/NA
Naphthalene	0.64		0.50	0.090	ppb v/v	1		TO-15	Total/NA
o-Xylene	1.7		0.20	0.061	ppb v/v	1		TO-15	Total/NA
Toluene	2.1		0.20	0.12	ppb v/v	1		TO-15	Total/NA
Xylenes, Total	5.4		0.40	0.061	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	8.5		0.98	0.31	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	2.0		0.98	0.32	ug/m3	1		TO-15	Total/NA
Benzene	0.96		0.64	0.18	ug/m3	1		TO-15	Total/NA
Ethylbenzene	5.2		0.87	0.30	ug/m3	1		TO-15	Total/NA
m-Xylene & p-Xylene	16		0.87	0.52	ug/m3	1		TO-15	Total/NA
Naphthalene	3.4		2.6	0.47	ug/m3	1		TO-15	Total/NA
o-Xylene	7.2		0.87	0.26	ug/m3	1		TO-15	Total/NA
Toluene	7.8		0.75	0.45	ug/m3	1		TO-15	Total/NA
Xylenes, Total	23		1.7	0.26	ug/m3	1		TO-15	Total/NA

Client Sample ID: VS-2

Lab Sample ID: 140-11516-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	1.1		0.20	0.063	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.30		0.20	0.065	ppb v/v	1		TO-15	Total/NA
Benzene	0.78		0.20	0.056	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.89		0.20	0.068	ppb v/v	1		TO-15	Total/NA
m-Xylene & p-Xylene	2.5		0.20	0.12	ppb v/v	1		TO-15	Total/NA
Naphthalene	0.21	J	0.50	0.090	ppb v/v	1		TO-15	Total/NA
o-Xylene	1.0		0.20	0.061	ppb v/v	1		TO-15	Total/NA
Toluene	2.1		0.20	0.12	ppb v/v	1		TO-15	Total/NA
Xylenes, Total	3.5		0.40	0.061	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	5.6		0.98	0.31	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	1.5		0.98	0.32	ug/m3	1		TO-15	Total/NA
Benzene	2.5		0.64	0.18	ug/m3	1		TO-15	Total/NA
Ethylbenzene	3.9		0.87	0.30	ug/m3	1		TO-15	Total/NA
m-Xylene & p-Xylene	11		0.87	0.52	ug/m3	1		TO-15	Total/NA
Naphthalene	1.1	J	2.6	0.47	ug/m3	1		TO-15	Total/NA
o-Xylene	4.4		0.87	0.26	ug/m3	1		TO-15	Total/NA
Toluene	8.1		0.75	0.45	ug/m3	1		TO-15	Total/NA
Xylenes, Total	15		1.7	0.26	ug/m3	1		TO-15	Total/NA

Client Sample ID: VS-3

Lab Sample ID: 140-11516-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	1.4		0.20	0.063	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.40		0.20	0.065	ppb v/v	1		TO-15	Total/NA
Benzene	1.2		0.20	0.056	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	1.2		0.20	0.068	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: VS-3 (Continued)

Lab Sample ID: 140-11516-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m-Xylene & p-Xylene	3.5		0.20	0.12	ppb v/v	1		TO-15	Total/NA
Naphthalene	0.12	J	0.50	0.090	ppb v/v	1		TO-15	Total/NA
o-Xylene	1.6		0.20	0.061	ppb v/v	1		TO-15	Total/NA
Toluene	2.9		0.20	0.12	ppb v/v	1		TO-15	Total/NA
Xylenes, Total	5.1		0.40	0.061	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	6.7		0.98	0.31	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	2.0		0.98	0.32	ug/m3	1		TO-15	Total/NA
Benzene	3.7		0.64	0.18	ug/m3	1		TO-15	Total/NA
Ethylbenzene	5.3		0.87	0.30	ug/m3	1		TO-15	Total/NA
m-Xylene & p-Xylene	15		0.87	0.52	ug/m3	1		TO-15	Total/NA
Naphthalene	0.65	J	2.6	0.47	ug/m3	1		TO-15	Total/NA
o-Xylene	7.0		0.87	0.26	ug/m3	1		TO-15	Total/NA
Toluene	11		0.75	0.45	ug/m3	1		TO-15	Total/NA
Xylenes, Total	22		1.7	0.26	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: VS-1

Lab Sample ID: 140-11516-1

Date Collected: 05/08/18 10:29
Matrix: Air
Date Received: 05/10/18 10:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	1.7		0.20	0.063	ppb v/v			05/11/18 15:46	1
1,3,5-Trimethylbenzene	0.40		0.20	0.065	ppb v/v			05/11/18 15:46	1
Benzene	0.30		0.20	0.056	ppb v/v			05/11/18 15:46	1
Ethylbenzene	1.2		0.20	0.068	ppb v/v			05/11/18 15:46	1
Methyl tert-butyl ether	<0.17		1.0	0.17	ppb v/v			05/11/18 15:46	1
m-Xylene & p-Xylene	3.7		0.20	0.12	ppb v/v			05/11/18 15:46	1
Naphthalene	0.64		0.50	0.090	ppb v/v			05/11/18 15:46	1
o-Xylene	1.7		0.20	0.061	ppb v/v			05/11/18 15:46	1
Toluene	2.1		0.20	0.12	ppb v/v			05/11/18 15:46	1
Xylenes, Total	5.4		0.40	0.061	ppb v/v			05/11/18 15:46	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	8.5		0.98	0.31	ug/m3			05/11/18 15:46	1
1,3,5-Trimethylbenzene	2.0		0.98	0.32	ug/m3			05/11/18 15:46	1
Benzene	0.96		0.64	0.18	ug/m3			05/11/18 15:46	1
Ethylbenzene	5.2		0.87	0.30	ug/m3			05/11/18 15:46	1
Methyl tert-butyl ether	<0.61		3.6	0.61	ug/m3			05/11/18 15:46	1
m-Xylene & p-Xylene	16		0.87	0.52	ug/m3			05/11/18 15:46	1
Naphthalene	3.4		2.6	0.47	ug/m3			05/11/18 15:46	1
o-Xylene	7.2		0.87	0.26	ug/m3			05/11/18 15:46	1
Toluene	7.8		0.75	0.45	ug/m3			05/11/18 15:46	1
Xylenes, Total	23		1.7	0.26	ug/m3			05/11/18 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*60 - 140*		*05/11/18 15:46*	*1*

Client Sample ID: VS-2

Lab Sample ID: 140-11516-2

Date Collected: 05/08/18 11:09
Matrix: Air
Date Received: 05/10/18 10:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	1.1		0.20	0.063	ppb v/v			05/11/18 16:31	1
1,3,5-Trimethylbenzene	0.30		0.20	0.065	ppb v/v			05/11/18 16:31	1
Benzene	0.78		0.20	0.056	ppb v/v			05/11/18 16:31	1
Ethylbenzene	0.89		0.20	0.068	ppb v/v			05/11/18 16:31	1
Methyl tert-butyl ether	<0.17		1.0	0.17	ppb v/v			05/11/18 16:31	1
m-Xylene & p-Xylene	2.5		0.20	0.12	ppb v/v			05/11/18 16:31	1
Naphthalene	0.21	J	0.50	0.090	ppb v/v			05/11/18 16:31	1
o-Xylene	1.0		0.20	0.061	ppb v/v			05/11/18 16:31	1
Toluene	2.1		0.20	0.12	ppb v/v			05/11/18 16:31	1
Xylenes, Total	3.5		0.40	0.061	ppb v/v			05/11/18 16:31	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	5.6		0.98	0.31	ug/m3			05/11/18 16:31	1
1,3,5-Trimethylbenzene	1.5		0.98	0.32	ug/m3			05/11/18 16:31	1
Benzene	2.5		0.64	0.18	ug/m3			05/11/18 16:31	1
Ethylbenzene	3.9		0.87	0.30	ug/m3			05/11/18 16:31	1
Methyl tert-butyl ether	<0.61		3.6	0.61	ug/m3			05/11/18 16:31	1

Client: SCS Engineers
Project/Site: Pilsner Ford - Juneau WI 25218075

TestAmerica Job ID: 140-11516-1

Client Sample ID: VS-2

Lab Sample ID: 140-11516-2

Date Collected: 05/08/18 11:09
Matrix: Air
Date Received: 05/10/18 10:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	11		0.87	0.52	ug/m3			05/11/18 16:31	1
Naphthalene	1.1	J	2.6	0.47	ug/m3			05/11/18 16:31	1
o-Xylene	4.4		0.87	0.26	ug/m3			05/11/18 16:31	1
Toluene	8.1		0.75	0.45	ug/m3			05/11/18 16:31	1
Xylenes, Total	15		1.7	0.26	ug/m3			05/11/18 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*60 - 140*		*05/11/18 16:31*	*1*

Client Sample ID: VS-3

Lab Sample ID: 140-11516-3

Date Collected: 05/08/18 11:34
Matrix: Air
Date Received: 05/10/18 10:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	1.4		0.20	0.063	ppb v/v			05/11/18 17:17	1
1,3,5-Trimethylbenzene	0.40		0.20	0.065	ppb v/v			05/11/18 17:17	1
Benzene	1.2		0.20	0.056	ppb v/v			05/11/18 17:17	1
Ethylbenzene	1.2		0.20	0.068	ppb v/v			05/11/18 17:17	1
Methyl tert-butyl ether	<0.17		1.0	0.17	ppb v/v			05/11/18 17:17	1
m-Xylene & p-Xylene	3.5		0.20	0.12	ppb v/v			05/11/18 17:17	1
Naphthalene	0.12	J	0.50	0.090	ppb v/v			05/11/18 17:17	1
o-Xylene	1.6		0.20	0.061	ppb v/v			05/11/18 17:17	1
Toluene	2.9		0.20	0.12	ppb v/v			05/11/18 17:17	1
Xylenes, Total	5.1		0.40	0.061	ppb v/v			05/11/18 17:17	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	6.7		0.98	0.31	ug/m3			05/11/18 17:17	1
1,3,5-Trimethylbenzene	2.0		0.98	0.32	ug/m3			05/11/18 17:17	1
Benzene	3.7		0.64	0.18	ug/m3			05/11/18 17:17	1
Ethylbenzene	5.3		0.87	0.30	ug/m3			05/11/18 17:17	1
Methyl tert-butyl ether	<0.61		3.6	0.61	ug/m3			05/11/18 17:17	1
m-Xylene & p-Xylene	15		0.87	0.52	ug/m3			05/11/18 17:17	1
Naphthalene	0.65	J	2.6	0.47	ug/m3			05/11/18 17:17	1
o-Xylene	7.0		0.87	0.26	ug/m3			05/11/18 17:17	1
Toluene	11		0.75	0.45	ug/m3			05/11/18 17:17	1
Xylenes, Total	22		1.7	0.26	ug/m3			05/11/18 17:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*60 - 140*		*05/11/18 17:17*	*1*

Default Detection Limits

Client: SCS Engineers
Project/Site: Pilsner Ford - Juneau WI 25218075

TestAmerica Job ID: 140-11516-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	RL	MDL	Units	Method
1,2,4-Trimethylbenzene	0.20	0.063	ppb v/v	TO-15
1,2,4-Trimethylbenzene	0.98	0.31	ug/m3	TO-15
1,3,5-Trimethylbenzene	0.20	0.065	ppb v/v	TO-15
1,3,5-Trimethylbenzene	0.98	0.32	ug/m3	TO-15
Benzene	0.20	0.056	ppb v/v	TO-15
Benzene	0.64	0.18	ug/m3	TO-15
Ethylbenzene	0.20	0.068	ppb v/v	TO-15
Ethylbenzene	0.87	0.30	ug/m3	TO-15
Methyl tert-butyl ether	1.0	0.17	ppb v/v	TO-15
Methyl tert-butyl ether	3.6	0.61	ug/m3	TO-15
m-Xylene & p-Xylene	0.20	0.12	ppb v/v	TO-15
m-Xylene & p-Xylene	0.87	0.52	ug/m3	TO-15
Naphthalene	0.50	0.090	ppb v/v	TO-15
Naphthalene	2.6	0.47	ug/m3	TO-15
o-Xylene	0.20	0.061	ppb v/v	TO-15
o-Xylene	0.87	0.26	ug/m3	TO-15
Toluene	0.20	0.12	ppb v/v	TO-15
Toluene	0.75	0.45	ug/m3	TO-15
Xylenes, Total	0.40	0.061	ppb v/v	TO-15
Xylenes, Total	1.7	0.26	ug/m3	TO-15

Surrogate Summary

Client: SCS Engineers
Project/Site: Pilsner Ford - Juneau WI 25218075

TestAmerica Job ID: 140-11516-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Matrix: Air

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
		BFB
Lab Sample ID	**Client Sample ID**	**(60-140)**
140-11516-1	VS-1	105
140-11516-2	VS-2	100
140-11516-3	VS-3	107
LCS 140-20189/1002	Lab Control Sample	103
MB 140-20189/4	Method Blank	103

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 140-20189/4
Matrix: Air
Analysis Batch: 20189

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<0.063		0.20	0.063	ppb v/v			05/11/18 11:57	1
1,3,5-Trimethylbenzene	<0.065		0.20	0.065	ppb v/v			05/11/18 11:57	1
Benzene	<0.056		0.20	0.056	ppb v/v			05/11/18 11:57	1
Ethylbenzene	<0.068		0.20	0.068	ppb v/v			05/11/18 11:57	1
Methyl tert-butyl ether	<0.17		1.0	0.17	ppb v/v			05/11/18 11:57	1
m-Xylene & p-Xylene	<0.12		0.20	0.12	ppb v/v			05/11/18 11:57	1
Naphthalene	<0.090		0.50	0.090	ppb v/v			05/11/18 11:57	1
o-Xylene	<0.061		0.20	0.061	ppb v/v			05/11/18 11:57	1
Toluene	<0.12		0.20	0.12	ppb v/v			05/11/18 11:57	1
Xylenes, Total	<0.061		0.40	0.061	ppb v/v			05/11/18 11:57	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<0.31		0.98	0.31	ug/m3			05/11/18 11:57	1
1,3,5-Trimethylbenzene	<0.32		0.98	0.32	ug/m3			05/11/18 11:57	1
Benzene	<0.18		0.64	0.18	ug/m3			05/11/18 11:57	1
Ethylbenzene	<0.30		0.87	0.30	ug/m3			05/11/18 11:57	1
Methyl tert-butyl ether	<0.61		3.6	0.61	ug/m3			05/11/18 11:57	1
m-Xylene & p-Xylene	<0.52		0.87	0.52	ug/m3			05/11/18 11:57	1
Naphthalene	<0.47		2.6	0.47	ug/m3			05/11/18 11:57	1
o-Xylene	<0.26		0.87	0.26	ug/m3			05/11/18 11:57	1
Toluene	<0.45		0.75	0.45	ug/m3			05/11/18 11:57	1
Xylenes, Total	<0.26		1.7	0.26	ug/m3			05/11/18 11:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*60 - 140*		*05/11/18 11:57*	*1*

Lab Sample ID: LCS 140-20189/1002
Matrix: Air
Analysis Batch: 20189

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	2.00	1.78		ppb v/v		89	70 - 130
1,3,5-Trimethylbenzene	2.00	1.73		ppb v/v		87	70 - 130
Benzene	2.00	1.84		ppb v/v		92	70 - 130
Ethylbenzene	2.00	1.76		ppb v/v		88	70 - 130
Methyl tert-butyl ether	2.00	1.81		ppb v/v		91	60 - 140
m-Xylene & p-Xylene	4.00	3.51		ppb v/v		88	70 - 130
Naphthalene	2.00	1.26		ppb v/v		63	60 - 140
o-Xylene	2.00	1.81		ppb v/v		90	70 - 130
Toluene	2.00	1.82		ppb v/v		91	70 - 130
Xylenes, Total	6.00	5.32		ppb v/v		89	70 - 130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	9.8	8.74		ug/m3		89	70 - 130
1,3,5-Trimethylbenzene	9.8	8.51		ug/m3		87	70 - 130
Benzene	6.4	5.89		ug/m3		92	70 - 130
Ethylbenzene	8.7	7.66		ug/m3		88	70 - 130
Methyl tert-butyl ether	7.2	6.54		ug/m3		91	60 - 140

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 140-20189/1002
Matrix: Air
Analysis Batch: 20189

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	17	15.2		ug/m3		88	70 - 130
Naphthalene	10	6.62		ug/m3		63	60 - 140
o-Xylene	8.7	7.85		ug/m3		90	70 - 130
Toluene	7.5	6.85		ug/m3		91	70 - 130
Xylenes, Total	26	23.1		ug/m3		89	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*60 - 140*

QC Association Summary

Client: SCS Engineers
Project/Site: Pilsner Ford - Juneau WI 25218075

TestAmerica Job ID: 140-11516-1

Air - GC/MS VOA

Analysis Batch: 20189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
140-11516-1	VS-1	Total/NA	Air	TO-15	
140-11516-2	VS-2	Total/NA	Air	TO-15	
140-11516-3	VS-3	Total/NA	Air	TO-15	
MB 140-20189/4	Method Blank	Total/NA	Air	TO-15	
LCS 140-20189/1002	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: SCS Engineers
Project/Site: Pilsner Ford - Juneau WI 25218075

TestAmerica Job ID: 140-11516-1

Client Sample ID: VS-1
Date Collected: 05/08/18 10:29
Date Received: 05/10/18 10:00

Lab Sample ID: 140-11516-1
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	200 mL	500 mL	20189	05/11/18 15:46	P1P	TAL KNX
	Instrument ID: MJ									

Client Sample ID: VS-2
Date Collected: 05/08/18 11:09
Date Received: 05/10/18 10:00

Lab Sample ID: 140-11516-2
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	200 mL	500 mL	20189	05/11/18 16:31	P1P	TAL KNX
	Instrument ID: MJ									

Client Sample ID: VS-3
Date Collected: 05/08/18 11:34
Date Received: 05/10/18 10:00

Lab Sample ID: 140-11516-3
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	200 mL	500 mL	20189	05/11/18 17:17	P1P	TAL KNX
	Instrument ID: MJ									

Client Sample ID: Method Blank
Date Collected: N/A
Date Received: N/A

Lab Sample ID: MB 140-20189/4
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	200 mL	500 mL	20189	05/11/18 11:57	P1P	TAL KNX
	Instrument ID: MJ									

Client Sample ID: Lab Control Sample
Date Collected: N/A
Date Received: N/A

Lab Sample ID: LCS 140-20189/1002
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	500 mL	500 mL	20189	05/11/18 10:10	P1P	TAL KNX
	Instrument ID: MJ									

Laboratory References:
TAL KNX = TestAmerica Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Accreditation/Certification Summary

Client: SCS Engineers
TestAmerica Job ID: 140-11516-1
Project/Site: Pilsner Ford - Juneau WI 25218075

Laboratory: TestAmerica Knoxville

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Wisconsin	State Program	5	998044300	08-31-18

Laboratory: TestAmerica Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Wisconsin	State Program	5	999580010	08-31-18

Method Summary

Client: SCS Engineers
Project/Site: Pilsner Ford - Juneau WI 25218075

TestAmerica Job ID: 140-11516-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	TAL KNX

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL KNX = TestAmerica Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Sample Summary

Client: SCS Engineers
Project/Site: Pilsner Ford - Juneau WI 25218075

TestAmerica Job ID: 140-11516-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
140-11516-1	VS-1	Air	05/08/18 10:29	05/10/18 10:00
140-11516-2	VS-2	Air	05/08/18 11:09	05/10/18 10:00
140-11516-3	VS-3	Air	05/08/18 11:34	05/10/18 10:00

TAL Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921
phone 865-291-3000 fax 865-584-4315

Canister Samples Chain of Custody Record

TestAmerica assumes no liability with respect to the collection and shipment of these samples.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact Information	Project Manager: Eric Collins	Sampled By: NH	1 of 1 COCs
Company: YS Engineers	Phone: 608-216-7341		
Address: 2830 Dairy Drive	Site Contact:		
City/State/Zip Madison, WI 53718	TAL Contact: Sarah Kroboth		
Phone: 608-224-2830			
FAX:			
Project Name: Risser Ford	Analysis Turnaround Time		
Site/location: Juneau, WI	Standard (Specify)		
PO # 2521907S	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15 VOCs + NAP	TO-14A	EPA 3C	EPA 25C	1946	(please specify in notes section)	Type	Air	Air	Gas	(please specify in notes section)
VS-1	5-8-18	959	1029	-30	-4	10678	10065	X										
VS-2	5-8-18	1039	1109	-30+	-18	10110	10330	X										
VS-3	5-8-18	1104	1134	-30	-6	11896	10000	X										

140-11516 Chain of Custody

Sampled by: Nate Hamre

Temperature (Fahrenheit)	Interior	Ambient
Start	65	72
Stop	65	75

CUSTODY SEALS INTACT
RECEIVED AMBIENT
BKD 5-10-18

Pressure (inches of Hg)	Interior	Ambient
Start	—	30.13
Stop	—	30.12

1 BOX FEDEX # 811670609896 SD
3 CANS / 3 FLOWS (R)

PID:
VS-1 = 104.5 ppm
VS-2 = 655 ppb
VS-3 = 929 ppb

Special Instructions/QC Requirements & Comments:
Analyze for VOCs + Naphthalene

Canisters Shipped by: Nate Hamre	Date/Time: 5/9/18 1500	Canisters Received by:
Samples Relinquished by:	Date/Time:	Received by: FEDEX 5-10-18 10:00
Relinquished by:	Date/Time:	Received by:

Loc: 140
11516

TESTAMERICA KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST

Log In Number:

Review Items	Yes	No	NA	If No, what was the problem?
1. Are the shipping containers intact?	/			☐ Containers, Broken
2. Were ambient air containers received intact?			/	☑ Checked in lab
3. The coolers/containers custody seal if present, is it intact?	/			☐ Yes ☐ NA
4. Is the cooler temperature within limits? (> freezing temp. of water to 6 °C, VOST: 10°C) Thermometer ID :_____ Correction factor: _____			/	☐ Cooler Out of Temp, Client Contacted, Proceed/Cancel ☐ Cooler Out of Temp, Same Day Receipt
5. Were all of the sample containers received intact?	/			☐ Containers, Broken
6. Were samples received in appropriate containers?	/			☐ Containers, Improper; Client Contacted; Proceed/Cancel
7. Do sample container labels match COC? (IDs, Dates, Times)	/			☐ COC & Samples Do Not Match ☐ COC Incorrect/Incomplete ☐ COC Not Received
8. Were all of the samples listed on the COC received?	/			☐ Sample Received, Not on COC ☐ Sample on COC, Not Received
9. Is the date/time of sample collection noted?	/			☐ COC; No Date/Time; Client Contacted
10. Was the sampler identified on the COC?	/			☐ Sampler Not Listed on COC
11. Is the client and project name/# identified?	/			☐ COC Incorrect/Incomplete
12. Are tests/parameters listed for each sample?	/			☐ COC No tests on COC
13. Is the matrix of the samples noted?	/			☐ COC Incorrect/Incomplete
14. Was COC relinquished? (Signed/Dated/Timed)	/			☐ COC Incorrect/Incomplete
15. Were samples received within holding time?	/			☐ Holding Time - Receipt
16. Were samples received with correct chemical preservative (excluding Encore)?			/	☐ pH Adjusted, pH Included (See box 16A) ☐ Incorrect Preservative
17. Were VOA samples received without headspace?			/	☐ Headspace (VOA only)
18. Did you check for residual chlorine, if necessary? (e.g. 1613B, 1668) Chlorine test strip lot number:			/	☐ Residual Chlorine
19. For 1613B water samples is pH<9?			//	☐ If no, lab will adjust
20. For rad samples was sample activity info. Provided?			/	☐ Project missing info

Comments/Actions Taken

Labeling Verified by: **Date:**

pH test strip lot number:

	Box 16A: pH Preservation	Box 18A: Residual Chlorine
Preservative:		
Lot Number:		
Exp Date:		
Analyst:		
Date:		
Time:		

Project #: 500016561 PM Instructions: N/A

Sample Receiving Associate: [signature] Date: 5-10-18

QA026R30.doc, 080916

5/14/2018

TestAmerica Knoxville - Air Canister Initial Pressure Check

Gauge ID: G5
Date: 5/10/2018

Analyst	Sample ID	Asset #	Cleaning Job	Cert	Size (L)	Pressure @ Receipt (-in Hg or +psig)	Time	Comments
HMT	140-11516-a-1	10065	11089	B	6	-4.3	14:47	
HMT	140-11516-a-2	10330	11089	B	6	-6.3	14:48	
HMT	140-11516-a-3	10000	11089	B	6	-3.6	14:49	

Synergy Environmental Lab,

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

DIANNA WILLIAMS
DIANNA WILLIAMS
207 WEST STREET
JUNEAU, WI 53039

Report Date *30-Jul-18*

Project Name PILSNER FORD **Invoice #** E34922
Project #

Lab Code 5034922A
Sample ID MW-5
Sample Matrix Water
Sample Date 7/12/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	< 1.6	ug/L	1.6	5.4	2	7421		7/13/2018	CWT	1 49
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		7/17/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		7/17/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		7/17/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		7/17/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		7/17/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		7/17/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		7/17/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		7/17/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		7/17/2018	CJR	1

Project Name PILSNER FORD **Invoice #** E34922
Project #

Lab Code 5034922B
Sample ID MW-6
Sample Matrix Water
Sample Date 7/12/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved		< 0.8	ug/L	0.8	2.7	1	7421		7/13/2018	CWT	1
Organic											
PVOC + Naphthalene											
Benzene	1.19		ug/l	0.22	0.69	1	GRO95/8021		7/17/2018	CJR	1
Ethylbenzene		< 0.53	ug/l	0.53	1.69	1	GRO95/8021		7/17/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.57	ug/l	0.57	1.82	1	GRO95/8021		7/17/2018	CJR	1
Naphthalene		< 1.7	ug/l	1.7	5.38	1	GRO95/8021		7/17/2018	CJR	1
Toluene	0.98 "J"		ug/l	0.45	1.45	1	GRO95/8021		7/17/2018	CJR	1
1,2,4-Trimethylbenzene	0.81 "J"		ug/l	0.73	2.33	1	GRO95/8021		7/17/2018	CJR	1
1,3,5-Trimethylbenzene		< 0.75	ug/l	0.75	2.39	1	GRO95/8021		7/17/2018	CJR	1
m&p-Xylene		< 1	ug/l	1	3.17	1	GRO95/8021		7/17/2018	CJR	1
o-Xylene		< 0.58	ug/l	0.58	1.84	1	GRO95/8021		7/17/2018	CJR	1

Lab Code 5034922C
Sample ID MW-7
Sample Matrix Water
Sample Date 7/12/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved		< 0.8	ug/L	0.8	2.7	1	7421		7/13/2018	CWT	1
Organic											
PVOC + Naphthalene											
Benzene	6.8		ug/l	0.22	0.69	1	GRO95/8021		7/17/2018	CJR	1
Ethylbenzene	2.12		ug/l	0.53	1.69	1	GRO95/8021		7/17/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.57	ug/l	0.57	1.82	1	GRO95/8021		7/17/2018	CJR	1
Naphthalene	2.44 "J"		ug/l	1.7	5.38	1	GRO95/8021		7/17/2018	CJR	1
Toluene	0.74 "J"		ug/l	0.45	1.45	1	GRO95/8021		7/17/2018	CJR	1
1,2,4-Trimethylbenzene	2.59		ug/l	0.73	2.33	1	GRO95/8021		7/17/2018	CJR	1
1,3,5-Trimethylbenzene	2.97		ug/l	0.75	2.39	1	GRO95/8021		7/17/2018	CJR	1
m&p-Xylene	1.36 "J"		ug/l	1	3.17	1	GRO95/8021		7/17/2018	CJR	1
o-Xylene	1.06 "J"		ug/l	0.58	1.84	1	GRO95/8021		7/17/2018	CJR	1

Project Name PILSNER FORD **Invoice #** E34922
Project #

Lab Code 5034922D
Sample ID MW-4
Sample Matrix Water
Sample Date 7/12/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved		< 0.8	ug/L	0.8	2.7	1	7421		7/13/2018	CWT	1
Organic											
PVOC + Naphthalene											
Benzene	0.52 "J"		ug/l	0.22	0.69	1	GRO95/8021		7/18/2018	CJR	1
Ethylbenzene		< 0.53	ug/l	0.53	1.69	1	GRO95/8021		7/18/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.57	ug/l	0.57	1.82	1	GRO95/8021		7/18/2018	CJR	1
Naphthalene		< 1.7	ug/l	1.7	5.38	1	GRO95/8021		7/18/2018	CJR	1
Toluene	0.51 "J"		ug/l	0.45	1.45	1	GRO95/8021		7/18/2018	CJR	1
1,2,4-Trimethylbenzene		< 0.73	ug/l	0.73	2.33	1	GRO95/8021		7/18/2018	CJR	1
1,3,5-Trimethylbenzene		< 0.75	ug/l	0.75	2.39	1	GRO95/8021		7/18/2018	CJR	1
m&p-Xylene		< 1	ug/l	1	3.17	1	GRO95/8021		7/18/2018	CJR	1
o-Xylene		< 0.58	ug/l	0.58	1.84	1	GRO95/8021		7/18/2018	CJR	1

Lab Code 5034922E
Sample ID MW-2
Sample Matrix Water
Sample Date 7/12/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved	0.8 "J"		ug/L	0.8	2.7	1	7421		7/13/2018	CWT	1
Organic											
PVOC + Naphthalene											
Benzene	90		ug/l	0.22	0.69	1	GRO95/8021		7/17/2018	CJR	1
Ethylbenzene	58		ug/l	0.53	1.69	1	GRO95/8021		7/17/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.57	ug/l	0.57	1.82	1	GRO95/8021		7/17/2018	CJR	1
Naphthalene	12.5		ug/l	1.7	5.38	1	GRO95/8021		7/17/2018	CJR	1
Toluene	44		ug/l	0.45	1.45	1	GRO95/8021		7/17/2018	CJR	1
1,2,4-Trimethylbenzene	69		ug/l	0.73	2.33	1	GRO95/8021		7/17/2018	CJR	1
1,3,5-Trimethylbenzene	20.6		ug/l	0.75	2.39	1	GRO95/8021		7/17/2018	CJR	1
m&p-Xylene	79		ug/l	1	3.17	1	GRO95/8021		7/17/2018	CJR	1
o-Xylene	12.2		ug/l	0.58	1.84	1	GRO95/8021		7/17/2018	CJR	1

Project Name PILSNER FORD **Invoice #** E34922
Project #

Lab Code 5034922F
Sample ID MW-3
Sample Matrix Water
Sample Date 7/12/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved		< 0.8	ug/L	0.8	2.7	1	7421		7/13/2018	CWT	1
Organic											
PVOC + Naphthalene											
Benzene	910		ug/l	2.2	6.9	10	GRO95/8021		7/26/2018	CJR	1
Ethylbenzene	183		ug/l	0.53	1.69	1	GRO95/8021		7/17/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.57	ug/l	0.57	1.82	1	GRO95/8021		7/17/2018	CJR	1
Naphthalene	8.3		ug/l	1.7	5.38	1	GRO95/8021		7/17/2018	CJR	1
Toluene	156		ug/l	0.45	1.45	1	GRO95/8021		7/17/2018	CJR	1
1,2,4-Trimethylbenzene	47		ug/l	0.73	2.33	1	GRO95/8021		7/17/2018	CJR	1
1,3,5-Trimethylbenzene	5.6		ug/l	0.75	2.39	1	GRO95/8021		7/17/2018	CJR	1
m&p-Xylene	115		ug/l	1	3.17	1	GRO95/8021		7/17/2018	CJR	1
o-Xylene	20.4		ug/l	0.58	1.84	1	GRO95/8021		7/17/2018	CJR	1

Lab Code 5034922G
Sample ID MW-1
Sample Matrix Water
Sample Date 7/12/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved	4.2		ug/L	0.8	2.7	1	7421		7/13/2018	CWT	1
Organic											
PVOC + Naphthalene											
Benzene	15400		ug/l	22	69	100	GRO95/8021		7/18/2018	CJR	1
Ethylbenzene	2080		ug/l	53	169	100	GRO95/8021		7/18/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 57	ug/l	57	182	100	GRO95/8021		7/18/2018	CJR	1
Naphthalene	550		ug/l	170	538	100	GRO95/8021		7/18/2018	CJR	1
Toluene	18900		ug/l	45	145	100	GRO95/8021		7/18/2018	CJR	1
1,2,4-Trimethylbenzene	1420		ug/l	73	233	100	GRO95/8021		7/18/2018	CJR	1
1,3,5-Trimethylbenzene	400		ug/l	75	239	100	GRO95/8021		7/18/2018	CJR	1
m&p-Xylene	7000		ug/l	100	317	100	GRO95/8021		7/18/2018	CJR	1
o-Xylene	2680		ug/l	58	184	100	GRO95/8021		7/18/2018	CJR	1

Project Name PILSNER FORD **Invoice #** E34922
Project #

Lab Code 5034922H
Sample ID TB
Sample Matrix Water
Sample Date 7/12/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		7/17/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		7/17/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		7/17/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		7/17/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		7/17/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		7/17/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		7/17/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		7/17/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		7/17/2018	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.
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

CHAIN OF CUSTODY RECORD

Synergy

Environmental Lab, Inc.

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

Chain # № 36[illegible]3

Page 1 of 1

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

Lab I.D. #
Account No. : Quote No.:
Project #:
Sampler: (signature) Max Wannow
Project (Name / Location): Pilsner Ford (Former) / Juneau, WI

Reports To: Dianna Williams	Invoice To: Dianna Williams
Company	Company c/o METCO
Address 207 West St.	Address 709 Gillette Street, Ste. 3
City State Zip Juneau, WI 53039	City State Zip La Crosse, WI 54603
Phone 920-210-1490	Phone
FAX	FAX

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
503992 A	MW-5	7/12/18				Y	4	GW	HCl, HNO3
B	MW-6								
C	MW-7								
D	MW-4								
E	MW-2								
F	MW-3								
G	MW-1								
H	TB						1		

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 524.2)	VOC (EPA 8260)	8-RCRA METALS	PID/FID
		X						X						
		X						X						
		X						X						
		X						X						
		X						X						
		X						X						
		X						X						

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

Lab to send copy of report to METCO/Jason P. (Invoice to METCO)
☆Agent status
☆ U&C Rates Apply

Sample Integrity - To be completed by receiving lab
Method of Shipment Car
Temp. of Temp. Blank 4 °C On Ice X
Cooler seal intact upon receipt ____ Yes ____ No

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

Received in Laboratory By: [signature] Time: 8:00 Date: 7/13/18

APPENDIX C/ WELL AND BOREHOLE DOCUMENTATION

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Pilsner Ford	Local Grid Location of Well: _____ ft. ☐N ☐S _____ ft. ☐E ☐W	Well Name: MW-1
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: VE851 / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 6/3/2017 (m m d d y y y y)
Type of Well — Well Code: MW	Section Location of Waste/Source: ____1/4 of ____1/4 of Sec. ____, T. ____ N, R. ____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plant / Ground Source
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: _____

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or _____ ft.

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

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☒ 50
Hollow Stem Auger ☒ 41
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):
_____

E. Bentonite seal, top _____ ft. MSL or _____ ft.

F. Fine sand, top _____ ft. MSL or 4 ft.

G. Filter pack, top _____ ft. MSL or 5 ft.

H. Screen joint, top _____ ft. MSL or 6 ft.

I. Well bottom _____ ft. MSL or 16 ft.

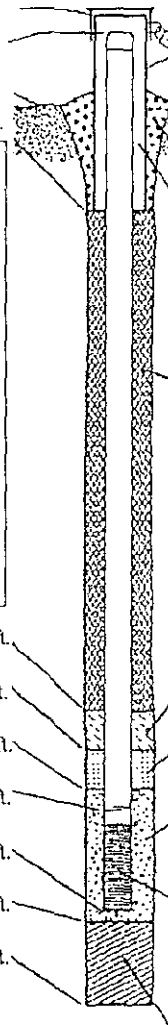
J. Filter pack, bottom _____ ft. MSL or 20 ft.

K. Borehole, bottom _____ ft. MSL or 20 ft.

L. Borehole, diameter 6 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.03 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 5 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. _____ Ft^3 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. 40/60 Badger
b. Volume added .5 ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. 20/40 Badger
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐ _____
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11
Continuous slot ☐ 01
Other ☐ _____
b. Manufacturer Johnson
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 14
Other ☐ _____

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

Signature: CP | Firm: Ground Source

Please complete both Form 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.

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Pilsner Ford	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-2
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ___ ° ___ ' ___ " Long. ___ ° ___ ' ___ " or	Wis. Unique Well No.: VS852 / DNR Well ID No.: ____
Facility ID: _____	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 04/3/2017 (m m d d y y y y)
Type of Well: Well Code MW	Section Location of Waste/Source: ____ 1/4 of ____ 1/4 of Sec. ____, T. ____ N, R. ____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plaut / Ground Source
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: _____

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or _____ ft.

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

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☒ 50
Hollow Stem Auger ☒ 41
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):
_____

E. Bentonite seal, top _____ ft. MSL or ____ ft.

F. Fine sand, top _____ ft. MSL or 4 ft.

G. Filter pack, top _____ ft. MSL or 5 ft.

H. Screen joint, top _____ ft. MSL or 6 ft.

I. Well bottom _____ ft. MSL or 16 ft.

J. Filter pack, bottom _____ ft. MSL or 16.5 ft.

K. Borehole, bottom _____ ft. MSL or 16.5 ft.

L. Borehole, diameter 6 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.03 in.

1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 5 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. _____ Ft^3 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. 40/60 Badger
b. Volume added 5 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 20/40 Badger
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐ ____
_____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 Other ☐ ____
_____
b. Manufacturer Johnson
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 14 Other ☐ ____
_____

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

Signature: [signature] Firm: Ground Source

Please complete both Form 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.

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Pilsner Ford	Local Grid Location of Well: _____ ft ☐N ☐S _____ ft ☐E ☐W	Well Name: MW-3
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: VS853 / DNR Well ID No.: ____
Facility ID: ____	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 6/3/2017 (m m d d y y y y)
Type of Well / Well Code: MW	Section Location of Waste/Source: ____ 1/4 of ____ 1/4 of Sec. ____, T. ____ N, R. ____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plant / Ground Source
Distance from Waste/Source: _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: _____

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or ____ ft.

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

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☒ 50 / Hollow Stem Auger ☐ 41 / 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):

_____

E. Bentonite seal, top _____ ft. MSL or ____ ft.

F. Fine sand, top _____ ft. MSL or 4 ft.

G. Filter pack, top _____ ft. MSL or 5 ft.

H. Screen joint, top _____ ft. MSL or 6 ft.

I. Well bottom _____ ft. MSL or 16 ft.

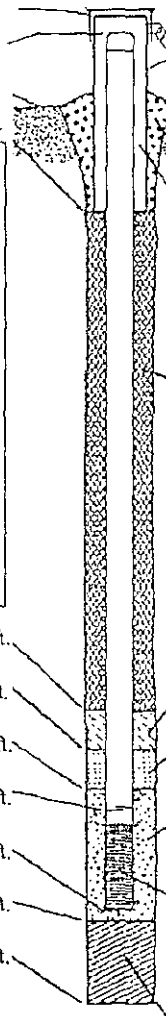
J. Filter pack, bottom _____ ft. MSL or 16.5 ft.

K. Borehole, bottom _____ ft. MSL or 16.5 ft.

L. Borehole, diameter 6 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.03 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 4 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. _____ Ft^3 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. 40/60 Badger
b. Volume added .5 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 20/40 Badger
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ ____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ ____
b. Manufacturer Johnson
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 14 / Other ☐ ____

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

Signature: [signature] Firm: Ground Source

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.

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Pilsner Ford	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-4
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: VE850 / DNR Well ID No.
Facility ID	St. Plane _____ ft. N. _____ ft. E. S/C/N	Date Well Installed: 6/3/2017 (m m d d y y y y)
Type of Well: Well Code MW	Section Location of Waste/Source: ____1/4 of ____1/4 of Sec. ____, T. ____ N, R. ____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plant / Ground Source
Distance from Waste/Source _____ ft.	Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known
		Gov. Lot Number: _____

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

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

13. Sieve analysis performed? ☐ Yes ☒ No

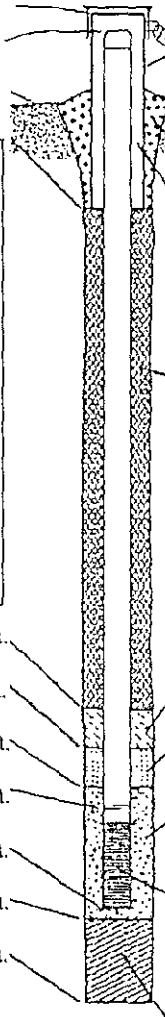
14. Drilling method used: Rotary ☒ 50
Hollow Stem Auger ☒ 41
Other ☐

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):
_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.
F. Fine sand, top _____ ft. MSL or 4 ft.
G. Filter pack, top _____ ft. MSL or 5 ft.
H. Screen joint, top _____ ft. MSL or 6 ft.
I. Well bottom _____ ft. MSL or 16 ft.
J. Filter pack, bottom _____ ft. MSL or 16.5 ft.
K. Borehole, bottom _____ ft. MSL or 16.5 ft.
L. Borehole, diameter 6 in.
M. O.D. well casing 2.37 in.
N. I.D. well casing 2.03 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 5 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. _____ Ft^3 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. 40/60 Badger
b. Volume added .5 ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. 20/40 Badger
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐
_____
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 Other ☐
_____
b. Manufacturer Johnson
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 14 Other ☐
_____

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

Signature: CP | Firm: Ground Source

Please complete both Form 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.

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Pilsner Ford	Local Grid Location of Well: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name: MW-5
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. _____ ° _____ ' _____ " Long. _____ ° _____ ' _____ " or	Wis. Unique Well No.: VS875 / DNR Well ID No.: _____
Facility ID: _____	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 11/10/2017 (m m d d y y y y)
Type of Well: Well Code _____ / _____	Section Location of Waste/Source: _____ 1/4 of _____ 1/4 of Sec. _____, T. _____ N, R. _____ ☐ E ☐ W	Well Installed By: Name (first, last) and Firm: Craig Plant, Ground Source
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: _____

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or 1 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):

_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.

F. Fine sand, top _____ ft. MSL or 2.5 ft.

G. Filter pack, top _____ ft. MSL or 3 ft.

H. Screen joint, top _____ ft. MSL or 5 ft.

I. Well bottom _____ ft. MSL or 15 ft.

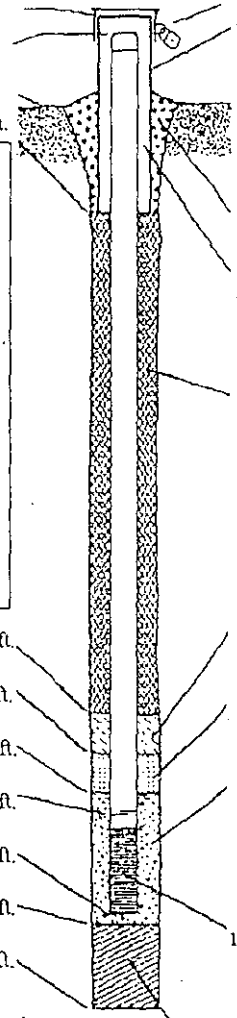
J. Filter pack, bottom _____ ft. MSL or 15.5 ft.

K. Borehole, bottom _____ ft. MSL or 15.5 ft.

L. Borehole, diameter 6 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.0 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 4 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. _____ Ft^3 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. 40/60 Badger
b. Volume added .5 Ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 20/40 Badger
b. Volume added 3 Ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ _____
Johnson
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 14 / Other ☐ _____

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

Signature	Firm
Craig Plant	Ground Source

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.

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Pittsmerford	Local Grid Location of Well ☐ N. ☐ S. ____ ft. ☐ E. ☐ W. ____ ft.	Well Name: MW-6
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: VS876 / DNR Well ID No.
Facility ID	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 1/10/2017 (m m d d y y y y)
Type of Well / Well Code ____/____	Section Location of Waste/Source ____ 1/4 of ____ 1/4 of Sec. ____, T. ____ N, R. ____ ☐ E ☐ W	Well Installed By: Name (first, last) and Firm: Craig Plant / GroundSource
Distance from Waste/Source ____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known / Gov. Lot Number	

A. Protective pipe, top elevation ____ ft. MSL
B. Well casing, top elevation ____ ft. MSL
C. Land surface elevation ____ ft. MSL
D. Surface seal, bottom ____ ft. MSL or 1 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 ☐

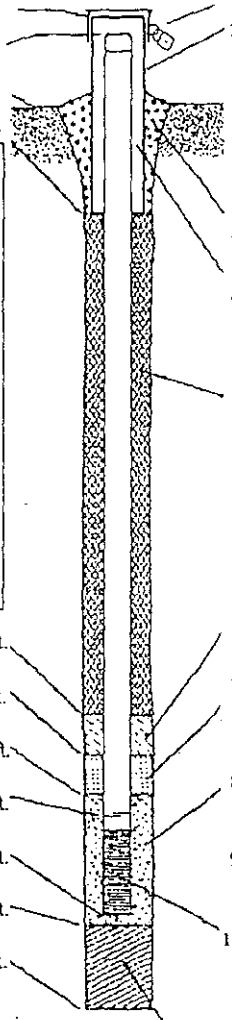
15. Drilling fluid used: Water ☐ 02 / Air ☒ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No

Describe ____

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

E. Bentonite seal, top ____ ft. MSL or 1 ft.
F. Fine sand, top ____ ft. MSL or 2.5 ft.
G. Filter pack, top ____ ft. MSL or 3 ft.
H. Screen joint, top ____ ft. MSL or 5 ft.
I. Well bottom ____ ft. MSL or 15 ft.
J. Filter pack, bottom ____ ft. MSL or 15.5 ft.
K. Borehole, bottom ____ ft. MSL or 15.5 ft.
L. Borehole, diameter 6 in.
M. O.D. well casing 2.37 in.
N. I.D. well casing 2.0 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 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. ____ Ft^3 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. 40/60 Badger
b. Volume added .5 ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. 20/40 Badger
b. Volume added 3 ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐
b. Manufacturer Johnson
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 14 / Other ☐

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

Signature	Firm
Craig Plant	GroundSource

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.

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Pilsner Ford	Local Grid Location of Well: ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.	Well Name: MW-7
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ____ ° ____ ' ____ " Long. ____ ° ____ ' ____ "	Wis. Unique Well No.: VS878 / DNR Well ID No.
Facility ID	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 11/10/2017 (m m d d y y y y)
Type of Well / Well Code ____/____	Section Location of Waste/Source: ____ 1/4 of ____ 1/4 of Sec. ____, T. ____ N, R. ____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plant / Ground Source
Distance from Waste/Source ____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation ____ ft. MSL

B. Well casing, top elevation ____ ft. MSL

C. Land surface elevation ____ ft. MSL

D. Surface seal, bottom ____ ft. MSL or 1 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):

E. Bentonite seal, top ____ ft. MSL or 1 ft.

F. Fine sand, top ____ ft. MSL or 2.5 ft.

G. Filter pack, top ____ ft. MSL or 3 ft.

H. Screen joint, top ____ ft. MSL or 5 ft.

I. Well bottom ____ ft. MSL or 15 ft.

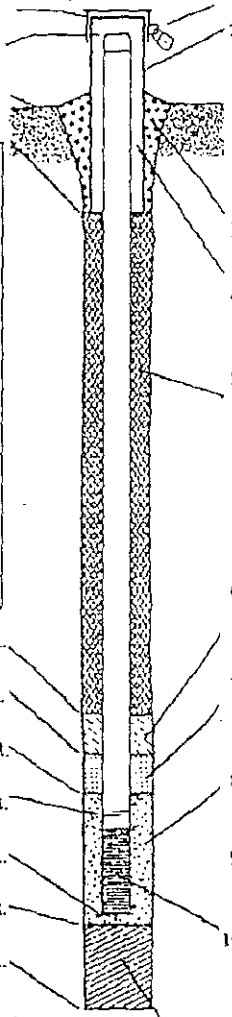
J. Filter pack, bottom ____ ft. MSL or 15.5 ft.

K. Borehole, bottom ____ ft. MSL or 15.5 ft.

L. Borehole, diameter 6 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.0 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 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. ____ Ft^3 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. 40/60 Badger
b. Volume added .5 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 20/40 Badger
b. Volume added 3 ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ ____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ ____
b. Manufacturer Johnson
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 14 / Other ☐ ____

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

Signature: Craig Plant | Firm: Ground Source

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.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

Facility/Project Name	County Name	Well Name
Pilsner Ford (former)	DODGE	MW-1
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number** / **DNR Well ID Number**
	14	VS851 /

1. Can this well be purged dry? ☐ Yes X No

2. Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	X 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 70 min.

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

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 10.8 gal.

7. Volume of water removed from well 55 gal.

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

9. Source of water added _____

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

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 6.15 ft.	10.77 ft.
Date	b. 04 / 04 / 2017 (m m d d y y y y)	4/ /4 / 17 (m m d d y y y y)
Time	c. 07 : 42 X a.m. ☐ p.m.	08 : 52 X a.m. ☐ p.m.
12. Sediment in well bottom	____ inches	____ inches
13. Water clarity	Clear ☐ 10 Turbid X 15 (Describe) Gray	Clear X 20 Turbid ☐ 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: Diana Last Name: Williams
Facility/Firm: _____
Street: 207 West Street
City/State/Zip: Juneau WI 53039-

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.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

Facility/Project Name	County Name	Well Name
Pilsner Ford (former)	DODGE	MW-2

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	14	VS852	

1. Can this well be purged dry? ☐ Yes X No

2. Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	X 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 65 min.

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

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 11.7 gal.

7. Volume of water removed from well 55 gal.

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

9. Source of water added _____

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

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 5.32 ft.	12.39 ft.
Date	b. 04 / 04 / 2017 (m m d d y y y y)	4/ /4 / 17 (m m d d y y y y)
Time	c. 09 : 40 X a.m. ☐ p.m.	10 : 45 X a.m. ☐ p.m.
12. Sediment in well bottom	____ inches	____ inches
13. Water clarity	Clear ☐ 10 Turbid X 15 (Describe) Tan	Clear X 20 Turbid ☐ 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: Diana Last Name: Williams
Facility/Firm: _____
Street: 207 West Street
City/State/Zip: Juneau WI 53039-

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.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

Facility/Project Name	County Name	Well Name
Pilsner Ford (former)	DODGE	MW-3
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number** / **DNR Well ID Number**
	14	VS853 /

1. Can this well be purged dry? [X] Yes ☐ No

2. Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	[X] 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 105 min.

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

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 10.6 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? (If yes, attach results) ☐ Yes ☐ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 6.32 ft.	11.21 ft.
Date	b. 04 / 04 / 2017 (m m / d d / y y y y)	4/ /4 / 17 (m m / d d / y y y y)
Time	c. 10 : 55 [X] a.m. ☐ p.m.	12 : 40 ☐ a.m. [X] p.m.
12. Sediment in well bottom	___ inches	___ inches
13. Water clarity	Clear ☐ 10 Turbid [X] 15	Clear [X] 20 Turbid ☐ 25
	(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: Diana Last Name: Williams
Facility/Firm: _____
Street: 207 West Street
City/State/Zip: Juneau WI 53039-

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.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

Facility/Project Name	County Name	Well Name
Pilsner Ford (former)	DODGE	MW-4

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	14	VS854	

1. Can this well be purged dry? ☐ Yes X No

2. Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	X 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 80 min.

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

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 10.6 gal.

7. Volume of water removed from well 80 gal.

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

9. Source of water added _____

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

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 6.35 ft.	6.75 ft.
Date	b. 04 / 04 / 2017 (m m d d y y y y)	4/ /4 / 17 (m m d d y y y y)
Time	c. 01 : 20 ☐ a.m. X p.m.	02 : 40 ☐ a.m. X p.m.
12. Sediment in well bottom	____ inches	____ inches
13. Water clarity	Clear ☐ 10 Turbid X 15	Clear X 20 Turbid ☐ 25
	(Describe) Tan	(Describe) Clear
	High Turbidity	Low Turbidity

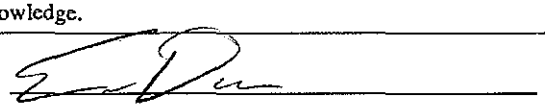
Fill in if drilling fluids were used and well is at solid waste facility:

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: Diana Last Name: Williams
Facility/Firm: _____
Street: 207 West Street
City/State/Zip: Juneau WI 53039-

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.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

Facility/Project Name	County Name	Well Name
Pilsner Ford (Former)	DODGE	MW-5

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	14	VS876	

1. Can this well be purged dry? [X] Yes ☐ No

2. Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	[X] 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 50 min.

4. Depth of well (from top of well casisng) 15 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 4.4 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? (If yes, attach results) ☐ Yes ☐ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 10.98 ft.	11.6 ft.
Date	b. 11 / 10 / 2017 (m m d d y y y y)	11 / 10 / 2017 (m m d d y y y y)
Time	c. 09 : 45 [X] a.m. ☐ p.m.	10 : 35 [X] a.m. ☐ p.m.
12. Sediment in well bottom	inches	inches
13. Water clarity	Clear ☐ 10 Turbid [X] 15 (Describe) Tan	Clear [X] 20 Turbid ☐ 25 (Describe) Clear
	High turbidity	Low turbidity
14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l

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

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: Dianna Last Name: Williams
Facility/Firm: Responsible Party
Street: 207 West Street
City/State/Zip: Juneau WI 53039-

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name: Eric Dahl
Firm: METCO

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

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

Facility/Project Name	County Name	Well Name
Pilsner Ford (Former)	DODGE	MW-6

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	14	VS877	

1. Can this well be purged dry? ☐ Yes X No

2. Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	X 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 80 min.

4. Depth of well (from top of well casisng) 15 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 5.2 gal.

7. Volume of water removed from well 80 gal.

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

9. Source of water added _____

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

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 9.79 ft.	10.25 ft.
Date	b. 11 / 10 / 2017 (m m d d y y y y)	11 / 10 / 2017 (m m d d y y y y)
Time	c. 10 : 55 X a.m. ☐ p.m.	12 : 15 ☐ a.m. X p.m.
12. Sediment in well bottom	inches	inches
13. Water clarity	Clear ☐ 10 Turbid X 15	Clear X 20 Turbid ☐ 25
(Describe)	Tan	Clear
	High turbidity	Low turbidity
14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l

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

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: Dianna Last Name: Williams
Facility/Firm: Responsible Party
Street: 207 West Street
City/State/Zip: Juneau WI 53039-

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name: Eric Dahl
Firm: METCO

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

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

Facility/Project Name	County Name	Well Name
Pilsner Ford (Former)	DODGE	MW-7

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	14	VS878	

1. Can this well be purged dry? ☐ Yes X No

2. Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	X 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 25 min.

4. Depth of well (from top of well casisng) 15 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 5.1 gal.

7. Volume of water removed from well 25 gal.

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

9. Source of water added _____

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

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 9.91 ft.	11.44 ft.
Date	b. 11 / 10 / 2017 (m m d d y y y y)	11 / 10 / 2017 (m m d d y y y y)
Time	c. 01 : 20 ☐ a.m. X p.m.	01 : 45 ☐ a.m. X p.m.
12. Sediment in well bottom	____ inches	____ inches
13. Water clarity	Clear ☐ 10 Turbid X 15	Clear X 20 Turbid ☐ 25
(Describe)	Light Tan Low turbidity	Clear 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: Dianna Last Name: Williams
Facility/Firm: Responsible Party
Street: 207 West Street
City/State/Zip: Juneau WI 53039-

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name: Eric Dahl
Firm: METCO

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

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Pilsner Ford (Former)		MW-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Craig Last: Plant Firm: Ground Source	04/03/17 MM/ DD/ YYYY	04/03/17 MM /DD/ YYYY	H.S.A./AR

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
VS851		MW-1		915 Feet MSL	6"

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43 ° 24 ' 30"	N E
SE¼ of NE¼ of Section 21, T 11 N, R 15 E	Long 88 ° 42 ' 18 "	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
None	Dodge	14	City of Juneau

Sample: 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: PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			0	Concrete										
MW-1-1 (2-4 feet)	24 12	4,5 5,6	2 4	Gray sandy clay with gravel	CL			4.1		M				Slight petro odor
			6											
MW-1-2 (6-8 feet)	24 12	5,7 7,9	8	Gray sandy clay with gravel Auger refusal at 8 feet. Air rotary drilling from 8 to 20'.				1390 360		M W				Petro odor Petro odor
MW-1-3 (8-8.25 feet)	3 2	50/2	10	Tan to gray dolomite			See Well Construction Form							
			12											
			14											
MW-1-4 (15 feet)			16	Gray dolomite				380		Dry				Petro odor
			18											
MW-1-5 (20 feet)			20	Gray dolomite EOB @ 20 feet bgs. MW-1 installed to 15' with a 10' screen.				415		W				Petro odor
			22											
			24											

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

Signature: Firm: **METCO**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Pilsner Ford (Former)		MW-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Craig Last: Plant Firm: Ground Source	04/04/17 MM/ DD/ YYYY	04/04/17 MM /DD/ YYYY	H.S.A./AR

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
VS852		MW-2		915 Feet MSL	6"

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43 ° 24 ' 30"	N E
SE¼ of NE¼ of Section 21, T 11 N, R 15 E	Long 88 ° 42 ' 18 "	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
None	Dodge	14	City of Juneau

Sample									Soil Properties						
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
MW-2-1 (2-4 feet)	24 18	2,2 3,4	2	Concrete										
			4	Brown sandy clay	CL			2.1		M				No petro odor
			6											
			8											
MW-2-2 (7-9 feet)	24 18	7,9 11,12	10	Tan sandy clay 9-11' Weathered dolomite	CL			3.2		M				No petro odor
			12	Augar refusal at 11' Air rotary drilling from 11 to 16.5'										
MW-2-3 (13 feet)			14	Gray dolomite				8.3		W				Slight petro odor
			16											
			18	EOB @ 16.5 feet bgs. MW-2 installed to 16' with a 10' screen.										
			20											
			22											
			24											

See Well Construction Form

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

Signature: Firm: **METCO**

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Pilsner Ford (Former)		MW-3

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Craig Last: Plant Firm: Ground Source	04/04/17 MM/ DD/ YYYY	04/04/17 MM /DD/ YYYY	H.S.A./AR

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
	VS853	MW-3		915 Feet MSL	6"

Local Grid Origin (estimated X) or Boring Location — Local Grid Location
State Plane N, E — Lat 43 ° 24 ' 30" — N E
SE¼ of NE¼ of Section 21, T 11 N, R 15 E — Long 88 ° 42 ' 18 " — Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
None	Dodge	14	City of Juneau

Sample: Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
MW-3-1 (2-4 feet)	24 18	3,3 4,5		Tan sandy clay	CL		See Well Construction Form	1.5		M				No petro odor
MW-3-2 (7-9 feet)	24 12	7,7 9,12		Tan sandy clay with dolomite at tip	CL			1.6		W				No petro odor
				9-12' Weathered dolomite										
				Augar refusal at 12' Air rotary drilling from 12 to 16.5'										
MW-3-3 (15 feet)				Gray dolomite				4.9		Dry				Slight petro odor
				EOB @ 16.5 feet bgs. MW-3 installed to 16' with a 10' screen.										

Depth scale: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24

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

Signature: [signature] Firm: **METCO**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Pilsner Ford (Former)		MW-4

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Craig Last: Plant Firm: Ground Source	04/04/17 MM/ DD/ YYYY	04/04/17 MM /DD/ YYYY	H.S.A./AR

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
VS854		MW-1		915 Feet MSL	6"

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E SE¼ of NE¼ of Section 21, T 11 N, R 15 E	Lat 43 ° 24 ' 30" Long 88 ° 42 ' 18 "	N E Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
None	Dodge	14	City of Juneau

Sample					Soil Properties									
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
MW-4-1 (2-4 feet)	24 12	4,2 2, 3	2	Tan sandy clay	CL		See Well Construction Form	2.6		M				No petro odor
			4											
			6											
MW-4-2 (7-9 feet)	24 18	6,6 8,12	8	Tan sandy clay with dolomite	CL			2.0		M				No petro odor
			10	Augar refusal at 10' Air rotary drilling from 10 to 16.5' 9-12' Weathered dolomite										
			12											
			14											
MW-4-3 (15 feet)			16	Tan dolomite				3.1		W				No petro odor
			18	EOB @ 16.5 feet bgs. MW-4 installed to 16' with a 10' screen.										
			20											
			22											
			24											

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

Signature: Firm: **METCO**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Pilsner Ford (Former)		B-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Craig Last: Plant Firm: Ground Source	04/03/17 MM/ DD/ YYYY	04/03/17 MM /DD/ YYYY	H.S.A.

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				915 Feet MSL	6"

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43 ° 24 ' 30"	N E
SE¼ of NE¼ of Section 21, T 11 N, R 15 E	Long 88 ° 42 ' 18 "	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
None	Dodge	14	City of Juneau

Sample					Soil Properties										
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
				Concrete										
B-1-1 (2-4 feet)	24 18	5,5 2,8	2	Tan sandy clay	CL			8.8		M				No petro odor
			4											
			6	Gray sandy clay	CL									
B-1-2 (6-8 feet)	24 12	10,18 50/5	8					1155		M				Petro odor and staining
				Gray weathered dolomite										
B-1-3 (8-10 feet)	24 12	12,15 24,50/2	10					1385		M				Petro odor
				EOB at 10 feet bgs, augar refusal. Borehole abandoned.										
			12											
			14											
			16											
			18											
			20											
			22											
			24											

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

Signature: Firm: **METCO**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Pilsner Ford (Former)		B-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Craig Last: Plant Firm: Ground Source	04/03/17 MM/ DD/ YYYY	04/03/17 MM /DD/ YYYY	H.S.A.

WI Unique Well No. DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			915 Feet MSL	6"

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43 ° 24 ' 30"	N E
SE¼ of NE¼ of Section 21, T 11 N, R 15 E	Long 88 ° 42 ' 18 "	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
None	Dodge	14	City of Juneau

Sample					Soil Properties									
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
				Concrete										
B-2-1 (2-4 feet)	24 6	2,3 4,5	2 4	Tan sandy clay	CL					M				No petro odor
			6											
			8	Gray sandy clay with weathered dolomite	CL									
B-2-2 (7-9 feet)		5,2 9,50/5	10	EOB at 9 feet bgs, augar refusal. Borehole abandoned.				800		M				Petro odor and staining
			12											
			14											
			16											
			18											
			20											
			22											
			24											

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

Signature: Firm: **METCO**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Pilsner Ford (Former)		B-3

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Craig Last: Plant Firm: Ground Source	04/03/17 MM/ DD/ YYYY	04/03/17 MM /DD/ YYYY	H.S.A.

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				915 Feet MSL	6"

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43 ° 24 ' 30"	N E
SE¼ of NE¼ of Section 21, T 11 N, R 15 E	Long 88 ° 42 ' 18 "	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
None	Dodge	14	City of Juneau

Sample 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: PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			0	Concrete										
B-3-1 (2-4 feet)	24 24	4,4 4,5	4	Tan sandy clay	CL			14.9		M				No petro odor
B-3-2 (7-7.25 feet)	3 2	50/2	6	Gray sandy clay with dolomite at tip	CL					M				No petro odor
			8	EOB at 7.25 feet bgs, augar refusal. Borehole abandoned.										
			10											
			12											
			14											
			16											
			18											
			20											
			22											
			24											

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

Signature: Firm: **METCO**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Pilsner Ford (Former)		B-4

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Craig Last: Plant Firm: Ground Source	04/04/17 MM/ DD/ YYYY	04/04/17 MM /DD/ YYYY	H.S.A.

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				915 Feet MSL	6"

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43 ° 24 ' 30"	N E
SE¼ of NE¼ of Section 21, T 11 N, R 15 E	Long 88 ° 42 ' 18 "	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
None	Dodge	14	City of Juneau

Sample					Soil Properties										
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
				Concrete										
B-4-1 (2-4 feet)	24 12	2,2 2,3	2 4	Tan sandy clay	CL			2.8		M				No petro odor
			6											
			8	7-8.5' Tan sandy clay	CL									
B-4-2 (7-9 feet)	24 24	15,18 21,33	10	8.5-9' Black to gray sandy clay with weathered dolomite EOB at 9 feet bgs. augar refusal. Borehole abandoned.				42		M				Petro odor and staining
			12											
			14											
			16											
			18											
			20											
			22											
			24											

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

Signature: Firm: **METCO**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Pilsner Ford (Former)		B-5

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Craig Last: Plant Firm: Ground Source	04/04/17 MM/ DD/ YYYY	04/04/17 MM /DD/ YYYY	H.S.A.

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				915 Feet MSL	6"

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43 ° 24 ' 30"	N E
SE¼ of NE¼ of Section 21, T 11 N, R 15 E	Long 88 ° 42 ' 18 "	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
None	Dodge	14	City of Juneau

Sample					Soil Properties									
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
				Concrete										
B-5-1 (2-4 feet)	24 24	2,3 3,3	2	Tan sandy clay	CL			2.0		M				No petro odor
			4											
			6											
			8	Tan sandy clay	CL									
B-5-2 (7-9 feet)	24 24	3,5 5,8	10	EOB at 9 feet bgs, augar refusal. Borehole abandoned.				2.4		W				No petro odor
			12											
			14											
			16											
			18											
			20											
			22											
			24											

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

Signature: Firm: **METCO**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Pilsner Ford (Former)		MW-5

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Craig Last: Plant Firm: Ground Source	11/10/2017 MM/ DD/ YYYY	11/10/2017 MM /DD/ YYYY	H.S.A./A.R.

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
VS875		MW-5	902 Feet MSL	912 Feet MSL	6"

Local Grid Origin (estimated X) or Boring Location		Local Grid Location	
State Plane N, E	Lat 43 ° 24 ' 30"	N	E
SE¼ of NE¼ of Section 21, T 11 N, R 15 E	Long 88 ° 42 ' 18 "	Feet S	Feet W

Facility ID	County	County Code	Civil Town / City / Village
None	Dodge	14	City of Juneau

Sample Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	Soil Properties USCS	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			0	Tan limestone screenings (FILL)	FILL									
MW-5-1 (3.5 feet)	24 12	8,3 3,4	3	Gray sandy clay	CL			0		M				No petro odor
MW-5-2 (8 feet)	24 8	2,6 6,6	6	Tan sandy clay	CL			0.3		M				No petro odor
			9											
MW-5-3 (12 feet)	24 24	5,7 8,9	12	Tan sandy clay Augar refusal at 12' Air rotary drilling from 12-15.5'	CL			0.2		W				No petro odor
MW-5-4 (15 feet)			15	Tan dolomite				0.2		W				No petro odor
			18	EOB at 15.5 feet bgs, augar refusal. Monitoring well MW-5 was installed 15 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**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Pilsner Ford (Former)		MW-6

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Craig Last: Plant Firm: Ground Source	11/10/2017 MM/ DD/ YYYY	11/10/2017 MM /DD/ YYYY	H.S.A./A.R.

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
VS876		MW-6	897 Feet MSL	912 Feet MSL	6"

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E SE¼ of NE¼ of Section 21, T 11 N, R 15 E	Lat 43 ° 24 ' 30" Long 88 ° 42 ' 18 "	N E Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
None	Dodge	14	City of Juneau

Sample					Soil Properties									
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
MW-6-1 (3.5 feet)	24 16	2,2 4,5	3	Tan sandy clay	CL			0		M				No petro odor
			6	6-7" Tan sandy clay	CL									
MW-6-2 (8 feet)	24 12	9,12 13,50/3	9	Augar refusal at 8' Air rotary drilling from 8-15.5' Tan dolomite				0		M				No petro odor
			12	Gray dolomite										
MW-6-3 (14 feet)			15					77		W				Slight petro odor
				EOB at 15.5 feet bgs, augar refusal. Monitoring well MW-6 was installed 15 feet with a 10 foot screen.										
			18											
			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**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Pilsner Ford (Former)		MW-7

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Craig Last: Plant Firm: Ground Source	11/10/2017 MM/ DD/ YYYY	11/10/2017 MM /DD/ YYYY	H.S.A./A.R.

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
VS878		MW-7	902 Feet MSL	912 Feet MSL	6"

Local Grid Origin (estimated X) or Boring Location		Local Grid Location	
State Plane N, E	Lat 43 ° 24 ' 30"	N	E
SE¼ of NE¼ of Section 21, T 11 N, R 15 E	Long 88 ° 42 ' 18 "	Feet S	Feet W

Facility ID	County	County Code	Civil Town / City / Village
None	Dodge	14	City of Juneau

Sample Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	Soil Properties: USCS	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
MW-7-1 (3.5 feet)	24 24	3,4 4,6	3	Gray sandy clay	CL			0		M				No petro odor
MW-7-2 (8 feet)	24 12	3,5 5,8	6 9	Green sandy clay	CL			50		M				Petro odor
MW-7-3 (12 feet)	24 24	2,1 2,2	12	Green sandy clay	CL			31		W				Petro odor
MW-7-4 (14.5 feet)	24 3	50/3	15	Green sandy clay Augar refusal at 14' Air rotary drilling from 14-15.5' Tan dolomite	CL			9		W				Slight petro odor
			18 21 24 27	EOB at 15.5 feet bgs, augar refusal. Monitoring well MW-7 was installed 15 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**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Pilsner Ford (Former)		B-6

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Craig Last: Plant Firm: Ground Source	11/10/2017 MM/ DD/ YYYY	11/10/2017 MM /DD/ YYYY	H.S.A.

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				912 Feet MSL	8"

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43 ° 24 ' 30"	N E
SE¼ of NE¼ of Section 21, T 11 N, R 15 E	Long 88 ° 42 ' 18 "	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
None	Dodge	14	City of Juneau

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
B-6-1 (3.5 feet)	24 3	2,2 2,3	3	Tan sandy clay	CL			0		M				No petro odor
			6	EOB at 6 feet bgs. Boring was not advanced any futher due to risk of hitting a utility.										
			9											
			12											
			15											
			18											
			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**

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State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, 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 DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. Well Location Information

County | Wi Unique Well # of Removed Well | Hicap #: B-1 → B-5

Latitude / Longitude (see instructions) | Format Code: ☐ DD ☐ DDM | Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼ | ¼ | Section | Township: N | Range: ☐ E ☐ W

or Gov't Lot #

Well Street Address: 207 W. Street

Well City, Village or Town: Juneau | Well ZIP Code

Subdivision Name | Lot #

Reason for Removal from Service: Sample Complete | WI Unique Well # of Replacement Well

2. Facility / Owner Information

Facility Name: Pilsner Ford

Facility ID (FID or PWS)

License/Permit/Monitoring #

Original Well Owner

Present Well Owner

Mailing Address of Present Owner

City of Present Owner | State | ZIP Code

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 4-4-17

If a Well Construction Report is available, please attach.

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (specify):

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.): 10' 9' 7' 9' 9' (44' total) | Casing Diameter (in.)

Lower Drillhole Diameter (in.): 6 | Casing Depth (ft.): —

Was well annular space grouted? ☐ Yes ☒ No

If yes, to what depth (feet)? — | Depth to Water (feet)

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

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☒ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☒ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	44	15 Bags	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing: Ground Source | License #: 4402 | Date of Filling & Sealing or Verification (mm/dd/yyyy): 4-4-17

Street or Route: 3671 Monroe Rd | Telephone Number: (920) 3779600

City: De Pere | State: WI | ZIP Code: 54115 | Signature of Person Doing Work | Date Signed

DNR Use Only
Date Received | Noted By | Comments

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) Page 1 of 2

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 [X] Remediation/Redevelopment ☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
DODGE		

Lattitude / Longitude (Degrees and Minutes) | Method Code (see instructions)

43 ° 24.5 ' N

88 ° 42.3 ' W

¼ / ¼	¼	Section	Township	Range	
SE	NE	21	11 N	15	[X] E ☐ W

or Gov't Lot #

Well Street Address: 207 West Street

Well City, Village or Town	Well ZIP Code
Juneau	53039-

Subdivision Name	Lot #

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

2. Facility / Owner Information

Facility Name: Pilsner Ford (Former)

Facility ID (FID or PWS): None

License/Permit/Monitoring #:

Original Well Owner: Dianna Williams

Present Well Owner: Dianna Williams

Mailing Address of Present Owner: 207 West Street

City of Present Owner	State	ZIP Code
Juneau	WI	53039-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 11/10/2017

If a Well Construction Report is available, please attach.

Construction Type: [X] Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify):

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
6	

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
8	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)

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

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	☐ No	[X] N/A
Casing left in place?	☐ Yes	☐ No	[X] N/A
Was casing cut off below surface?	☐ Yes	☐ No	[X] N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material

☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials

☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

[X] Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	Pounds	
Bentonite Chips	Surface	6	150	

6. Comments

Soil boring B-6
Abandoned by Ground Source under METCO supervision

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Eric Dahl (METCO)		11/10/2017

Street or Route	Telephone Number
709 Gillette Street, Suite 3	(608) 781-8879

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
La Crosse	WI	54603-		11/27/17

DNR Use Only

Date Received	Noted By

Comments:

APPENDIX D/ WASTE DISPOSAL DOCUMENTATION

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

INVOICE

7-7 20 17

CUSTOMER: Metro c/o Dennis Williams
709 Gillette St
La Crosse WI 54603

JOB NAME: Pilsner Fold
Juneau WI

☐ CASH ☐ CHECK # _____ ☒ IN-HOUSE ACCOUNT

QUANTITY DATE	QUANTITY SHIPPED	DESCRIPTION	QTY.	UNIT PRICE	AMOUNT
	1	MOBILIZATION	1	287 75	287 75
	9	Haul soil drums to Advanced Disposal Eau Claire WI	9	108 15	973 35
	1	Haul water drum to Advanced Disposal - Eau Claire WI	1	42 11	42 11
		Thank You			
				TOTAL	1303 16

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

SIGNATURE _____

192

Env. Waste Disposal
Received 7/10/17
OK

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

INVOICE

12-12 20 17

CUSTOMER: Matco % Dianna Williams
709 Gillette St
La Crosse WI 54603

JOB NAME: Pilsner Ford
Juneau WI

☐ CASH ☐ CHECK # _____ ☒ IN-HOUSE ACCOUNT

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

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

SIGNATURE _____ 208

APPENDIX E/ OTHER DOCUMENTATION

RCL Quick Reference Table

March 2017

Contaminant	Not-To-Exceed D-C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	RCL-gw (mg/kg) DF=2
	Non-Industrial	Industrial	
Benzene	1.6	7.07	0.0051
Ethylbenzene	, 8.02	, 35.4	, 1.57
Toluene	,818.	,818.	, 1.1072
Xylenes	,260.	,260.	, 3.96
Methyl tert-Butyl Ether (MTBE)	, 63.8	,282.	, 0.027
Dichloroethane, 1,2- (DCA)	, 0.652	, 2.87	, 0.0028
Dibromoethane, 1,2-	, 0.05	, 0.221	2.82E-05
Trichloroethylene (TCE)	2.43	8.41	0.0036
Tetrachloroethylene (Perc)	12.1	44.7	0.0045
Vinyl Chloride (VC)	0.067	0.298	0.0001
Dichloroethylene, 1,1- (DCE)	320.	1,190.	0.005
Dichloroethylene, 1,2-trans-	1,560.	1,850.	, 0.0626
Dichloroethylene, 1,2-cis-	,156.	2,340.	, 0.0412
Trichloroethane, 1,1,1-	,640.	,640.	, 0.1402
Carbon Tetrachloride	, 0.916	, 4.03	, 0.0039
Pentachlorophenol (PCP)	, 1.02	, 3.97	, 0.0028
Trimethylbenzene, 1,2,4-	,219.	,219.	, 1.382
Trimethylbenzene, 1,3,5-	,182.	,182.	
Naphthalene	1.562	5.841	0.0652
Benzo(a)pyrene	0.0115	0.115	0.7
Acenaphthene	3,590.	45,200.	
Anthracene	17,900.	100,000.	,196.9492
Benz[a]anthracene	, 1.14	, 20.8	

Contaminant	Not-To-Exceed D-C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	RCL-gw (mg/kg) DF=2	Background Threshold Value (BTV) (mg/kg)
	Non-Industrial	Industrial		
Benzo(j)fluoranthene	, 0.424	, 1.76		
Benzo[b]fluoranthene	, 1.15	, 21.1	, 0.4793	
Benzo[k]fluoranthene	, 11.5	,211.		
Chrysene	,115.	2,110.	, 0.1446	
Dibenz[a,h]anthracene	, 0.115	, 2.11		
Dibenzo(a,e)pyrene	, 0.042	, 0.176		
Dimethylbenz(a)anthracene, 7,12-	4.59E-04	, 0.008		
Fluoranthene	2,390.	30,100.	, 88.8778	
Fluorene	2,390.	30,100.	, 14.8299	
Indeno[1,2,3-cd]pyrene	, 1.15	, 21.1		
Methylnaphthalene, 1-	, 17.6	, 72.7		
Methylnaphthalene, 2-	,239.	3,010.		
Nitropyrene, 4-	, 0.424	, 1.76		
Pyrene	1,790.	22,600.	, 54.5455	
Arsenic Inorganic	0.5	2	0.5	5.8
Barium	15,300.	100,000.	,164.8	364
Beryllium and compounds	,156.	2,300.	, 6.32	
Cadmium (Diet)	, 71.1	,985.	, 0.752	1
Chromium(VI)	, 0.301	, 6.36	, 3.84	
Chromium, Total			360,000 if no Cr-VI	44
Lead and Compounds	400	800	7.5	16
Mercury (elemental)	, 3.13	, 3.13	, 0.208	
Selenium	,391.	5,840.	, 0.52	

NOTES:

1) This table of the most common compounds is intended to be a quick reference ONLY. It does not take into account cumulative effects as required in NR 700.

2) Values in this table are taken from the RCL spreadsheet which is periodically updated. PLEASE be sure to reference the RCL spreadsheet for the most current values.

Site-specific

Resident Screening Levels (RSL) for Soil

ca=Cancer, nc=Noncancer, ca* (Where nc SL < 100 x ca SL),
ca** (Where nc SL < 10 x ca SL), max=SL exceeds ceiling limit (see User's Guide), sat=SL exceeds csat,
Smax=Soil SL exceeds ceiling limit and has been substituted with the max value (see User's Guide).
Ssat=Soil inhalation SL exceeds csat and has been substituted with the csat

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

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

History: Cr. Register, September, 1985, No. 357, eff. 10−1−85; cr. (1m), am. (7), (17) and (18), Register, October, 1988, No. 394, eff. 11−1−88; am. (6), cr. (20h) and (20m), Register, March, 1994, No. 459, eff. 4−1−94; cr. (1s), (10e), (10s), (20k), r. and recr. (12), (13), Register, August, 1995, No. 476, eff. 9−1−95; cr. (14m), Register, October, 1996, No. 490, eff. 11−1−96; am. (20), Register, December, 1998, No. 516, eff. 1−1−99; correction in (9) made under s. 13.93 (2m) (b) 7., Stats., Register, April, 2001, No. 544; CR 02−134: cr. (1u), (1w), (1y) and (20s) Register June 2003 No. 570, eff. 7−1−03; correction in (20) made under s. 13.92 (4) (b) 6., Stats., Register January 2012 No. 673.

Subchapter II — Groundwater Quality Standards

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

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

Table 1
Public Health Groundwater Quality Standards

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

Table 1 – Continued
Public Health Groundwater Quality Standards

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

Table 1 – Continued
Public Health Groundwater Quality Standards

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

Table 1 – Continued
Public Health Groundwater Quality Standards

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

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

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

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

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

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

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

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

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

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

Table 2
Public Welfare Groundwater Quality Standards

Substance	Enforcement Standard (milligrams per liter – except as noted)	Preventive Action Limit (milligrams per liter – except as noted)
Chloride	250	125
Color	15 color units	7.5 color units
Foaming agents MBAS (Methylene-Blue Active Substances)	0.5	0.25
Iron	0.3	0.15
Manganese	0.05	0.025
Odor	3 (Threshold Odor No.)	1.5 (Threshold Odor No.)
Sulfate	250	125
Zinc	5	2.5

History: Cr. Register, September, 1985, No. 357, eff. 10-1-85; am. table 2, Register, October, 1990, No. 418, eff. 11-1-90; am. Table 2, Register, March, 1994, No. 459, eff. 4-1-94.

NR 140.14 Statistical procedures. (1) If a preventive action limit or an enforcement standard for a substance listed in Table 1 or 2, an alternative concentration limit issued in accordance with s. NR 140.28 or a preventive action limit for an indicator parameter established according to s. NR 140.20 (2) is attained or exceeded at a point of standards application:

(a) The owner or operator of the facility, practice or activity at which a standard is attained or exceeded shall notify the appropriate regulatory agency that a standard has been attained or exceeded; and

(b) The regulatory agency shall require a response in accordance with the rules promulgated under s. 160.21, Stats. No response shall be required if it is demonstrated to the satisfaction of the appropriate regulatory agency that a scientifically valid determination cannot be made that the preventive action limit or enforcement standard for a substance in Table 1 or 2 has been attained or exceeded based on consideration of sampling procedures or laboratory precision and accuracy, at a significance level of 0.05.

(2) The regulatory agency shall use one or more valid statistical procedures to determine if a change in the concentration of a substance has occurred. A significance level of 0.05 shall be used for all tests.

(3) In addition to sub. (2), the following applies when a preventive action limit or enforcement standard is equal to or less than the limit of quantitation:

(a) If a substance is not detected in a sample, the regulatory agency may not consider the preventive action limit or enforcement standard to have been attained or exceeded.

(b) If the preventive action limit or enforcement standard is less than the limit of detection, and the concentration of a substance is reported between the limit of detection and the limit of quantitation, the regulatory agency shall consider the preventive action limit or enforcement standard to be attained or exceeded only if:

1. The substance has been analytically confirmed to be present in the same sample using an equivalently sensitive analytical method or the same analytical method, and

2. The substance has been statistically confirmed to be present above the preventive action limit or enforcement standard, determined by an appropriate statistical test with sufficient samples at a significance level of 0.05.

(c) If the preventive action limit or enforcement standard is between the limit of detection and the limit of quantitation, the regulatory agency shall consider the preventive action limit or

APPENDIX F/ QUALIFICATIONS OF METCO PERSONNEL

Site Investigation Report - METCO
Pilsner Ford – Former

Ronald J. Anderson, P.G.

Professional Titles

- Senior Hydrogeologist
- Project Manager

Credentials

- Licensed Professional Geologist in Wisconsin
- Licensed Professional Geologist in Minnesota
- Recognized by the State of Wisconsin Department of Natural Resources (Chapter NR712) as a qualified Hydrogeologist
- Certified by State of Wisconsin to conduct PECFA-funded LUST projects
- Certified tank closure site assessor (#41861) in Wisconsin
- Member of the Wisconsin Groundwater Association
- Member of the Minnesota Groundwater Association
- Member of the Federation of Environmental Technologist, Inc.

Education

Includes a BA in Earth Science from the University of Minnesota-Duluth. Applicable courses successfully completed include Hydrogeology, Applied Hydrogeology, Environmental Geology, Geological Field Methods, Geology Field Camp, Geomorphology, Structural Geology, Stratigraphy/Tectonics, Mineralogy/Petrology, Glacial/Quaternary Geology, Geology of North America, Oceanography, General Chemistry, Organic Chemistry, and Environmental Conservation.

Post-Graduate Education

Includes Personnel Protection and Safety, Conducting Comprehensive Environmental Property Assessments, Groundwater Flow and Well Hydraulics, Effective Techniques for Contaminated Groundwater Treatment, and numerous other continuing education classes and conferences.

Work Experience

Includes nine months with the Wisconsin Department of Natural Resources Leaking Underground Storage Tank Program regulating LUST sites and since June 1990, with METCO as a Hydrogeologist and Project Manager. Duties have included: managing, conducting, and reporting tank closure assessments; property assessment, LUST investigations; spill investigations; agricultural chemical investigations, dry cleaning chemical investigations, general geotechnical/environmental investigations; Geoprobe projects (soil, groundwater, soil gas sampling); drilling projects (soil boring and monitoring wells); and remedial projects. Since 1989, METCO has sampled/consulted over 1,465 environmental sites.

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.

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.

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.

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.

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.

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

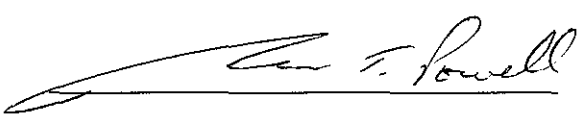
STANDARD OF CARE

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.

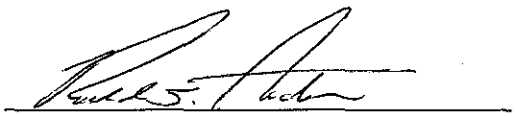


11/6/18

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."



11/6/18

Ronald J. Anderson PG
Senior Hydrogeologist/Project Manager

Date