Site Investigation Report

Dave's Gas Station (Former) 405 Washington Street Merrillan, Wisconsin

July 6, 2016 by METCO WDNR File Reference #: 03-27-001459 PECFA Claim #: 54754-9998-05



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This document was prepared by:

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July 6, 2016

WDNR BRRTS#: 03-27-001459 PECFA Claim #: 54754-9998-05-A

Matt Lechner PO Box 86 Black River Falls, WI 54615

Dear Mr. Lechner,

Enclosed is our "Site Investigation Report" concerning the Dave's Gas Station (Former) site in Merrillan, Wisconsin. This report presents the complete data from all investigation activities.

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

Due to the NR720 Non-Industrial Direct Contact RCL exceedances in boring G-12, and the elevated levels of contamination at depth in borings MW-1, G-1, G-2, G-6 and G-16, the WDNR will likely require that the soil be excavated to eliminate the direct contact risks, while also reducing the contaminant mass. However, the extent of the excavation will be limited due to the on-site building, current asphalt, sidewalk, and natural gas line. Post excavation activities would then consist of well replacement (MW-1), one year of post excavation groundwater monitoring, and further vapor assessment of the on-site building to move the site toward closure. Per state response, METCO will proceed with this 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: Thomas Kendzierski – WDNR

Tue I fowed

EXECUTIVE SUMMARY

A gas station and service garage operated on the subject property from approximately the 1940s/50s until 1987. After the gas station closed, the property continued to operate as a service garage until the early 1990s. Since then the building has been used for storage.

A regional occurrence of petroleum contamination was first discovered along the right of way of Washington Street (US Hwy 12) in 1984 and an ERP case was opened to investigate this contamination (Merrillan Gasoline Contamination – BRRTS 02-27-000051). Several gas stations in the area were suspected to be sources of this contamination. During this investigation, the WDNR installed soil borings and monitoring wells. The WDNR also reviewed tank inventory records for several gas stations in the area. After reviewing the tank inventory records for the Dave's Gas Station site in 1987, the WDNR suspected that the petroleum underground storage tanks (USTs) at the property were leaking.

On April 16, 1987, two gasoline USTs (3,000-gallon leaded and 2,000-gallon unleaded) were removed from the subject property under supervision of the Merrillan Fire Department and WDNR. In 1995, the WDNR reviewed their files and determined that a petroleum release had occurred at the Dave's Gas Station site and required that a site investigation be completed.

On May 5, 2011, TRC Solutions, Inc. completed three soil borings in Washington Street adjacent to the Dave's Gas Station property for the Wisconsin Department of Transportation (DOT) in preparation for an upcoming road construction project. One soil sample from each boring was submitted for laboratory analysis (GRO, PVOC, Naphthalene, and Lead). Petroleum contamination was detected in all three soil samples.

On August 19, 2013, TRC Solutions, Inc. oversaw excavation of 658 tons of petroleum contaminated soil from the right of way of Washington Street. The contaminated soil was disposed of at the Advanced Disposal Cranberry Creek Landfill in Wisconsin Rapids. Eleven soil samples were collected from the sidewalls and base of the excavation for laboratory analysis (PVOC, Naphthalene, and Lead). Seven additional samples were collected from the sidewalls and base of the excavation to be field screened with a photo-ionization detector (PID).

Several other LUST and ERP sites exist in the area of the subject property. The nearest is the Merrillan Gasoline Contamination site (02-27-000051) which investigated gasoline contamination along the right of way of Washington Street adjacent to the subject property. The investigation area begins in Washington Street approximately 125 feet to the north of the subject property and extends along the right of way of Washington Street approximately 1,050 feet to the south of this point. Contamination at the Merrillan Gasoline Contamination site was discovered in 1984, several former gas stations along Washington Street were

suspected sources of this contamination, and the case was closed in 1989. An open LUST site, Merrillan Former Standard Gas Station (03-27-560390), exists approximately 150 feet to the north of the subject property. Two closed LUST sites, Thompson Motors (03-27-000088) and Double T Quik Stop (03-27-001255) exist approximately 200 feet to the south and southwest of the subject property. Currently, it does not appear that these nearby sites are impacting or being impacted by the subject property.

In 2013, METCO was contracted to complete the site investigation, which consisted of a Geoprobe Project, Drilling Project, and two rounds of groundwater monitoring. Results clearly show that released petroleum products have impacted the local soil and groundwater. Results of the investigation are as follows:

- Local unconsolidated materials generally consist of fine to coarse grained sand from surface to depths ranging from 7 to 9 feet bgs. Clay/sandy clay was encountered in a few borings at depths ranging from 6 to 8 feet bgs. Fill material consisting of sand and gravel was encountered from surface to 3 feet bgs in borings G-7, G-8, G-9, and G-14, and from surface to 6 feet bgs in boring G-13.
- Sandstone bedrock was encountered at depths ranging from 6 to 9 feet and extends to at least 13 feet bgs.
- According to data collected from the monitoring wells, the depth to groundwater ranges from 4.25 to 5.45 feet bgs depending on well location and time of year. The local horizontal groundwater flow in the immediate area of the subject property is generally to the south.
- Unsaturated soil contamination which exceeds the NR720 Groundwater RCL values exists in the area of the former UST's and dispenser island. This irregular shaped area measures up to 56 feet long, up to 44 feet wide, and up to 5.5 feet thick. A second area of unsaturated soil contamination, which exceeds the NR720 Groundwater RCL values, exists in the area of and encompassing soil boring B-15. This consists of a circular shaped area that measures up to 10 feet in diameter, and up to 4 feet thick. Unsaturated soil contamination which exceeds the NR720 Non-Industrial Direct Contact RCL values also exists in the area of the former dispenser island. This oval shaped area measures approximately 14 feet long, up to 9 feet wide, and up to 4 feet thick.
- A dissolved phase contaminant plume exceeding the NR140 ES and PAL has formed at the watertable in the area of the removed UST's and dispenser island and has migrated toward the south. This plume is approximately 99 feet long and 78 feet wide.

- Based on the most recent groundwater analytical results, two of the monitoring wells (MW-1 and MW-2) show NR140 ES and/or PAL exceedances. Free product was encountered in MW-1 (7 inches) during the February 2016 sampling event, but has not been confirmed by a second sampling event. None of the other monitoring wells show any NR140 PAL exceedances or detects for any contaminants of concern.
- Based on the receptor survey, there does appear to be the potential of contaminant migration along sewer and water laterals and vapor intrusion to the on-site building.
- The receptor survey did not identify any potential risks to any potable wells or surface waters.

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

Due to the NR720 Non-Industrial Direct Contact RCL exceedances in boring G-12, and the elevated levels of contamination at depth in borings MW-1, G-1, G-2, G-6 and G-16, the WDNR will likely require that the soil be excavated to eliminate the direct contact risks, while also reducing the contaminant mass. However, the extent of the excavation will be limited due to the on-site building, current asphalt, sidewalk, and natural gas line. Post excavation activities would then consist of well replacement (MW-1), one year of post excavation groundwater monitoring, and further vapor assessment of the on-site building to move the site toward closure. Per state response, METCO will proceed with this project.

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

Matt Lechner PO Box 86 Black River Falls, WI 54615 (608) 633-6569

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

Geiss Soil and Samples, LLC W4490 Pope Road Merrill, WI 54452 (715) 539-3928 Synergy Environmental Lab 1990 Prospect Court Appleton, WI 54914 (920) 830-2455

Ground Source Inc. 3671 Monroe Rd De Pere, WI 54115 (920) 336-3659

1.3 Site Location

Site address: 405 Washington St. Merrillan, WI 54754

Latitude and Longitude: 44° 27' 14" N and 90° 50' 36" W

WTM Coordinates: 452901, 442648

Township/Range:

SE ¼, SE ¼, Section 22, Township 23 North, Range 4 West, Jackson County

1.4 Site History

A gas station and service garage operated on the subject property from approximately the 1940s/50s until 1987. After the gas station closed, the property continued to operate as a service garage until the early 1990s. Since then the building has been used for storage.

A regional occurrence of petroleum contamination was first discovered along the right of way of Washington Street (US Hwy 12) in 1984 and an ERP case was opened to investigate this contamination (Merrillan Gasoline Contamination – BRRTS 02-27-000051). Several gas stations in the area were suspected to be sources of this contamination. During this investigation, the WDNR installed soil borings and monitoring wells. The WDNR also reviewed tank inventory records for several gas stations in the area. After reviewing the tank inventory records for the Dave's Gas Station site in 1987, the WDNR suspected that the petroleum underground storage tanks (USTs) at the property were leaking.

On April 16, 1987, two gasoline USTs (3,000-gallon leaded and 2,000-gallon unleaded) were removed from the subject property under supervision of the Merrillan Fire Department and WDNR. In 1995, the WDNR reviewed their files and determined that a petroleum release had occurred at the Dave's Gas

Station site and required that a site investigation be completed.

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2.0 GEOLOGY AND RECEPTORS

2.1 Regional and Local Geology and Hydrogeology

Topography and Regional Setting

According to the USGS Hydrologic Atlas, Merrillan is located in the northern portion of the Trempealeau-Black River Basin. This area is characterized by flat to rolling terrain formed by thin ground moraine on sandstone or crystalline bedrock. This area is mostly flat with widespread swamps.

The elevation of the site is approximately 940 feet above Mean Sea Level (MSL). See Appendix A for site location.

Soil and Bedrock

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

Local unconsolidated materials generally consist of tan to gray to brown to orange fine to coarse grained sand from surface to depths ranging from 7 to 9 feet bgs. Gray clay/sandy clay was encountered in a few borings at depths ranging from 6 to 8 feet bgs. Fill material consisting of tan to brown sand and gravel was encountered from surface to 3 feet bgs in borings G-7, G-8, G-9, and G-14, and from surface to 6 feet bgs in boring G-13.

Tan to gray to white sandstone bedrock was encountered at depths ranging from 6 to 9 feet and extends to at least 13 feet bgs.

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

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

Hydrogeology

According to data collected from the monitoring wells, the depth to groundwater ranges from 4.25 to 5.45 feet bgs depending on well location and time of year.

According to the watertable measurements collected during groundwater sampling, local horizontal groundwater flow in the immediate area of the subject property is generally to the south. Groundwater Flow Direction Maps are presented in Section 6.

We are not currently aware of any existing aquitards or perched water in this area.

2.2 Receptors

Buildings, Basements, Sumps, Utility Corridors

The extent of petroleum contamination in groundwater exceeding the NR140 ES and/or PAL appears to come into contact with a water main, natural gas lines, and a telephone line. The extent of petroleum contamination in unsaturated soil exceeding the NR720 Groundwater RCL's and/or Non-Industrial Direct contact also comes into contact with natural gas lines.

A water main exists adjacent to the subject property to the west along the east side of Washington Street (US Highway 12/State Highway 27). The water main exists at approximately 6-8 feet below ground surface. The water main was installed in 1984 and was backfilled with gravel. Due to the shallow depth of groundwater in this area (approximately 5 feet bgs) and because the water main only comes into contact with the PAL, it does not appear to be acting as a potential contaminant migration pathway.

Natural gas and telephone lines typically exist within 30 inches of ground surface and backfilled with native soil. Therefore, these do not appear to be potential contaminant migration pathways. Several sewer and water lateral lines to the subject property and other nearby buildings also exist in the area of soil and groundwater contamination. These exist at approximately 6-8 feet bgs and are backfilled with gravel. Because the sewer and water laterals are backfilled with gravel, there is some risk these are acting as potential contaminant migration pathways.

The extent of the soil and groundwater contamination appears to extend underneath the on-site building (Former Dave's Gas Station) at depths ranging from 3.5-6 feet bgs. Due to the shallow groundwater (approximately 5 feet bgs) and soil contamination in this area, the vapor intrusion for the Former Dave's Gas Station building may need further evaluation.

Municipal and Private Water Supply Wells

The subject property and surrounding properties are all served by the Village of Merrillan municipal water system. The Village of Merrillan has two municipal wells, both located approximately 2,500 feet to the east-southeast of the subject property. The only known private wells that are in use in the Village of Merrillan are on Lower Lake Drive, which is over 1 mile from the subject property.

METCO is not currently aware of any other impacts, receptors, risks, or local problems associated with the subject property.

Surface Waters

The nearest surface water is Oakwood Lake, which is a small reservoir formed by the damming of Halls Creek. Oakwood Lake exists approximately 1,300 feet to the south of the subject property. It does not appear that the petroleum contamination has impacted any surface waters.

3.0 SITE INVESTIGATION RESULTS, RISK CRITERIA

3.1 Methods of Investigation

Workscope

The workscope performed for the LUST Investigation included the following:

- 1) Collected site background information.
- 2) On March 31, 2014, METCO prepared a LUST Investigation Field Procedures Workplan.
- 3) On October 13, 2014, METCO completed sixteen Geoprobe borings. Thirty-three soil samples and sixteen groundwater samples were collected for field and/or laboratory analysis.
- 4) On August 28, 2015, METCO completed five soil borings and installed five monitoring wells. Fifteen soil and rock cutting samples were collected for field and/or laboratory analysis. Upon completion, the monitoring wells were properly developed.
- 5) On October 30, 2015, DKS Transport Services, LLC picked up and properly disposed of 7 drums of investigative waste.
- 6) On November 4, 2015, METCO collected groundwater samples from the five monitoring wells for field and laboratory analysis (Round 1). METCO also conducted slug tests on three of the monitoring wells.
- 7) On February 9, 2016, METCO collected groundwater samples from the five monitoring wells for field and laboratory analysis (Round 2).

Site Access Problems

No site access problems were encountered during the LUST investigation.

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 May 5, 2011, during the WDOT Phase II, four Geoprobe borings were completed with four soil samples collected for field and laboratory analysis (PID, GRO, PVOC, Naphthalene, and Lead).

On August 19, 2013, during the WDNR Over-excavation project, eleven soil samples were collected from within the excavation for field and laboratory analysis (PID, PVOC, Naphthalene, and Lead).

On October 13, 2014, during the Geoprobe project, sixteen Geoprobe borings were completed with thirty-three soil samples collected for field and laboratory analysis (PID, VOC, PVOC, Naphthalene, and Lead).

On August 28, 2015, during the Drilling project, five soil borings were completed with fifteen soil samples collected for field and laboratory analysis (PID, GRO, PVOC, Naphthalene, TCLP-Lead, and Lead).

Soil analytical results are summarized in the Soil Analytical Tables with exceedances of the NR720 Groundwater RCL's and/or Direct Contact RCL's 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 October 13, 2014, during the Geoprobe project, sixteen groundwater samples were collected from the borings for PVOC and Naphthalene analysis.

On August 28, 2015, during the Drilling project, five monitoring wells were installed and properly developed.

On November 4, 2015, Round 1 groundwater samples were collected from the five monitoring wells and analyzed for VOC, Dissolved Lead, and natural attenuation parameters (Dissolved Iron, Dissolved Manganese, Sulfates, and Nitrate/Nitrite). Field measurements for water level, temperature, pH, ORP, Dissolved Oxygen and Specific Conductance were also collected from the five monitoring wells.

On February 9, 2016, Round 2 groundwater samples were collected from the five monitoring wells and analyzed for PVOC, Naphthalene, and Dissolved

Lead. Field measurements for water level, temperature, pH, ORP, Dissolved Oxygen and Specific Conductance were also collected from the five monitoring wells.

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

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

Laboratory Certification

Synergy Environmental Lab Wisconsin Lab Certification #445037560

3.3 Permeability and Hydraulic Conductivities

On November 4, 2015, METCO conducted slug tests on monitoring wells MW-1, MW-2 and MW-4. The slug test data was evaluated using the curve fitting program "Hydro-Test for Windows" Produced by Dakota Environmental, Inc.

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

Monitoring Well MW-1

Hydraulic Conductivity (K) = 3.41E-04 cm/sec Transmissivity = 8.36E-02 cm²/sec Flow Velocity (V=KI/n) = 5.25094 m/yr

Monitoring Well MW-2

Hydraulic Conductivity (K) = 2.98E-04 cm/sec Transmissivity = 8.03E-02 cm²/sec Flow Velocity (V=KI/n) = 4.58515 m/yr

Monitoring Well MW-4

Hydraulic Conductivity (K) = 1.22E-04 cm/sec Transmissivity = 3.45E-02 cm²/sec Flow Velocity (V=KI/n) = 1.87533 m/yr

Since the thickness of the unconfined aquifer was unknown, the bottoms of monitoring wells MW-1, MW-2 and MW-4 were assumed as the lower extent of the aquifer for calculation purposes. Slug test data is presented in Appendix E.

3.4 Discussion of Results

Local unconsolidated materials generally consist of fine to coarse grained sand from surface to depths ranging from 7 to 9 feet bgs. Clay/sandy clay was encountered in a few borings at depths ranging from 6 to 8 feet bgs. Fill material consisting of sand and gravel was encountered from surface to 3 feet bgs in borings G-7, G-8, G-9, and G-14, and from surface to 6 feet bgs in boring G-13.

Sandstone bedrock was encountered at depths ranging from 6 to 9 feet and extends to at least 13 feet bgs.

According to data collected from the monitoring wells, the depth to groundwater ranges from 4.25 to 5.45 feet bgs depending on well location and time of year. The local horizontal groundwater flow in the immediate area of the subject property is generally to the south.

Unsaturated soil contamination which exceeds the NR720 Groundwater RCL values exists in the area of the former UST's and dispenser island. This irregular shaped area measures up to 56 feet long, up to 44 feet wide, and up to 5.5 feet thick. A second area of unsaturated soil contamination, which exceeds the NR720 Groundwater RCL values, exists in the area of and encompassing soil boring B-15. This consists of a circular shaped area that measures up to 10 feet in diameter, and up to 4 feet thick. Unsaturated soil contamination which exceeds the NR720 Non-Industrial Direct Contact RCL values also exists in the area of the former dispenser island. This oval shaped area measures approximately 14 feet long, up to 9 feet wide, and up to 4 feet thick.

A dissolved phase contaminant plume exceeding the NR140 ES and PAL has formed at the watertable in the area of the removed UST's and dispenser island and has migrated toward the south. This plume is approximately 99 feet long and 78 feet wide.

Based on the most recent groundwater analytical results, two of the monitoring wells (MW-1 and MW-2) show NR140 ES and/or PAL exceedances. Free product was encountered in MW-1 (7 inches) during the February 2016 sampling event, but has not been confirmed by a second sampling event. None of the other monitoring wells show any NR140 PAL exceedances or detects for any contaminants of concern.

Based on the receptor survey, there does appear to be the potential of contaminant migration along sewer and water laterals and vapor intrusion to the on-site building.

The receptor survey did not identify any potential risks to any potable wells or

surface waters.

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

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

3.6 Risk Assessment

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

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

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

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

Based on the NR746.03 definitions, the Dave's Gas Station (Former) site is currently a "high risk" site.

4.0 CONCLUSIONS

4.1 Investigation Summary

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

regulations.

4.2 Recommendations

Due to the NR720 Non-Industrial Direct Contact RCL exceedances in boring G-12, and the elevated levels of contamination at depth in borings MW-1, G-1, G-2, G-6 and G-16, the WDNR will likely require that the soil be excavated to eliminate the direct contact risks, while also reducing the contaminant mass. However, the extent of the excavation will be limited due to the on-site building, current asphalt, sidewalk, and natural gas line. Post excavation activities would then consist of well replacement (MW-1), one year of post excavation groundwater monitoring, and further vapor assessment of the on-site building to move the site toward closure. If the state concurs, please contact METCO to discuss the workscope.

5.0 REFERENCES

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

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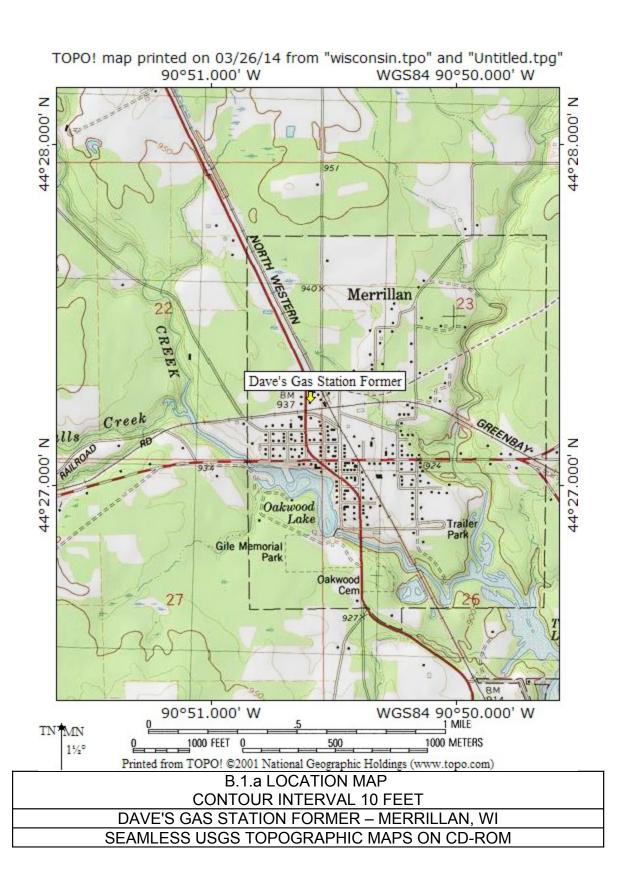
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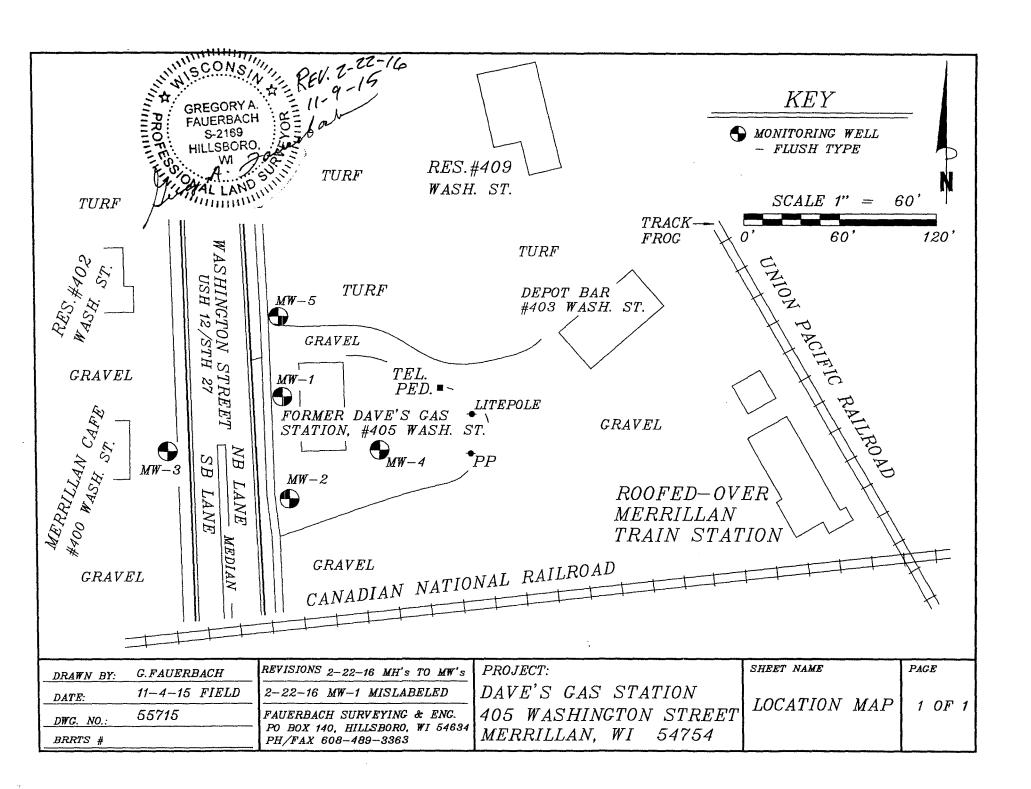
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Other information and data was collected from Matt Lechner, Village of Merrillan, Diggers Hotline, Geiss Soil and Samples, LLC., Ground Source Inc., Fauerbach Surveying & Engineering, Synergy Environmental Lab, Wisconsin Department of Natural Resources, and local people.

6.0 FIGURES



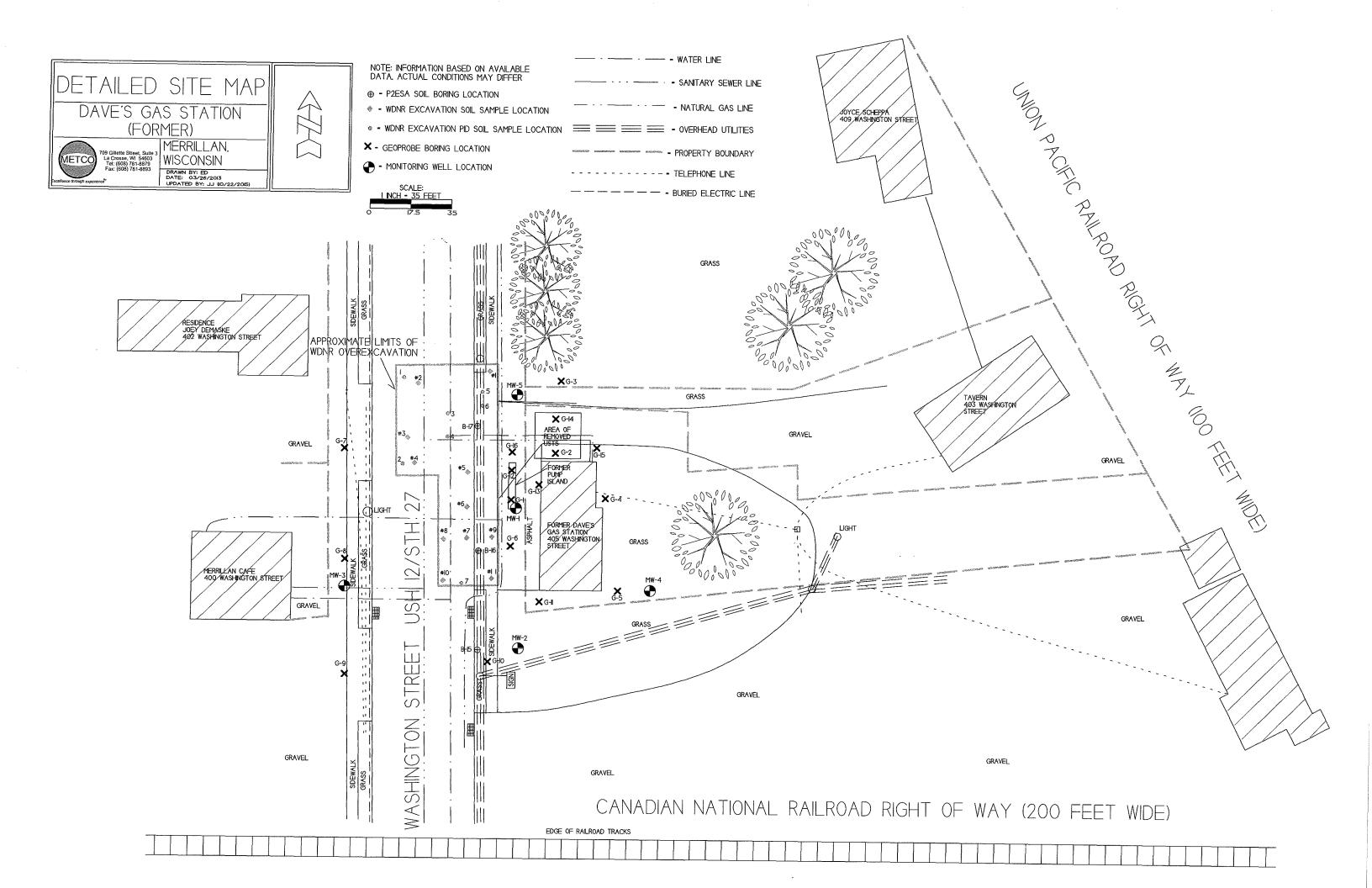


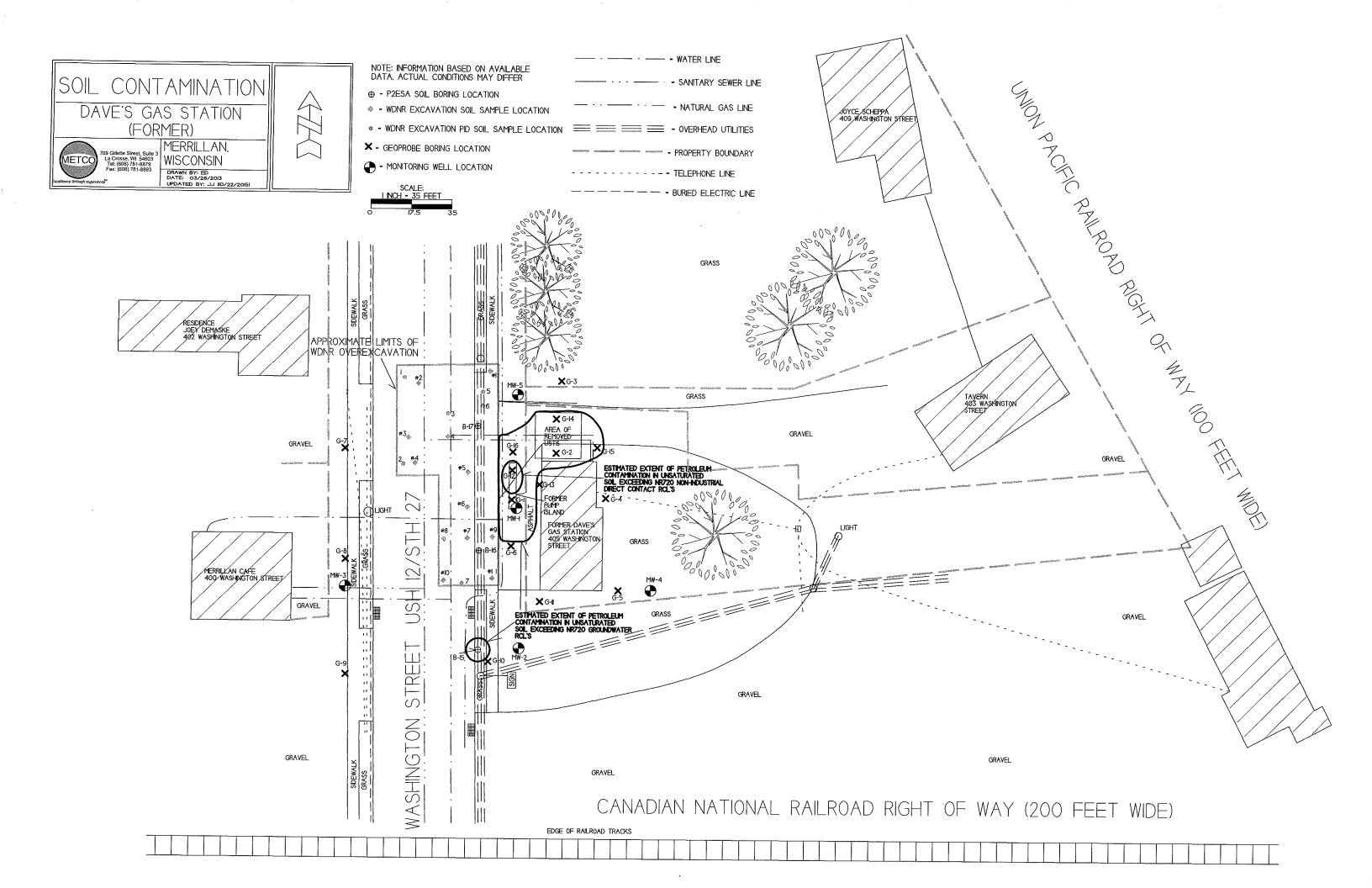
WELL	COORD. NAD83	(2011)	TOP OF WELL ELEVATION	TOP OF PVC CASING ELEVATION
WELL.	NORTH	EAST	(NAVD88)	(NAVD88)
MW-1	240513.36	385698.24	937.50'	937.03'
MW-2	240448.87	385701.95	937.12'	936.63'
MW-3	240478.94	385626.67	937.01'	936.72'
MW-4	240479.70	385758.58	936.64	936.09'
MW-5	240563.84	385696.36	938.19	937.76
IN IN G	240003.64	303030,30	330.13	337.70

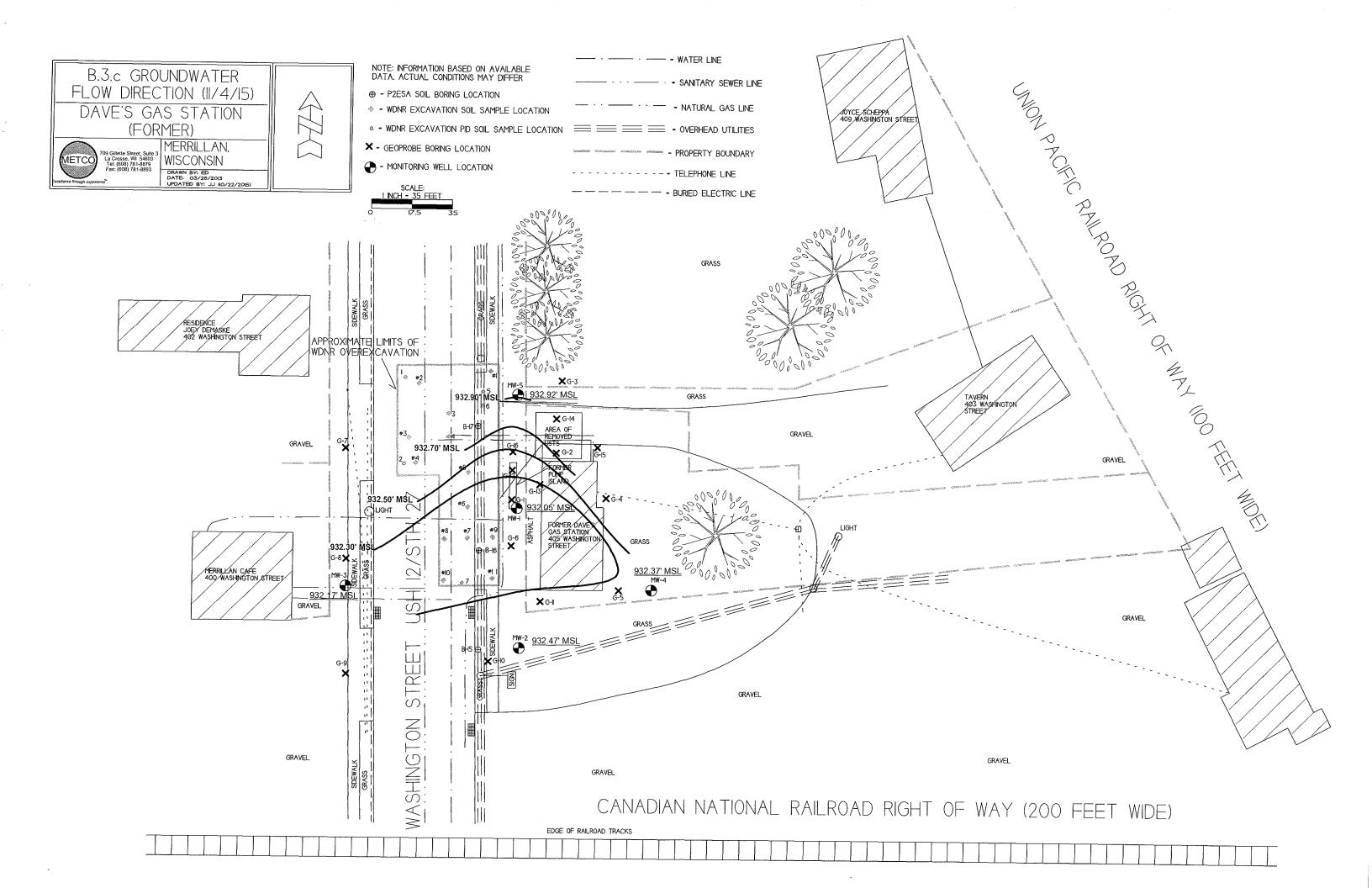
THE COORDINATES ABOVE ARE NOT THE OFFICIAL JACKSON CO. COORDINATE SYSTEM. (GRS80 BASED)
THE COORDINATES ABOVE ARE BASED ON THE WISDOT MODEL SYSTEM FOR CONSISTENCY. (WGS84 BASED)

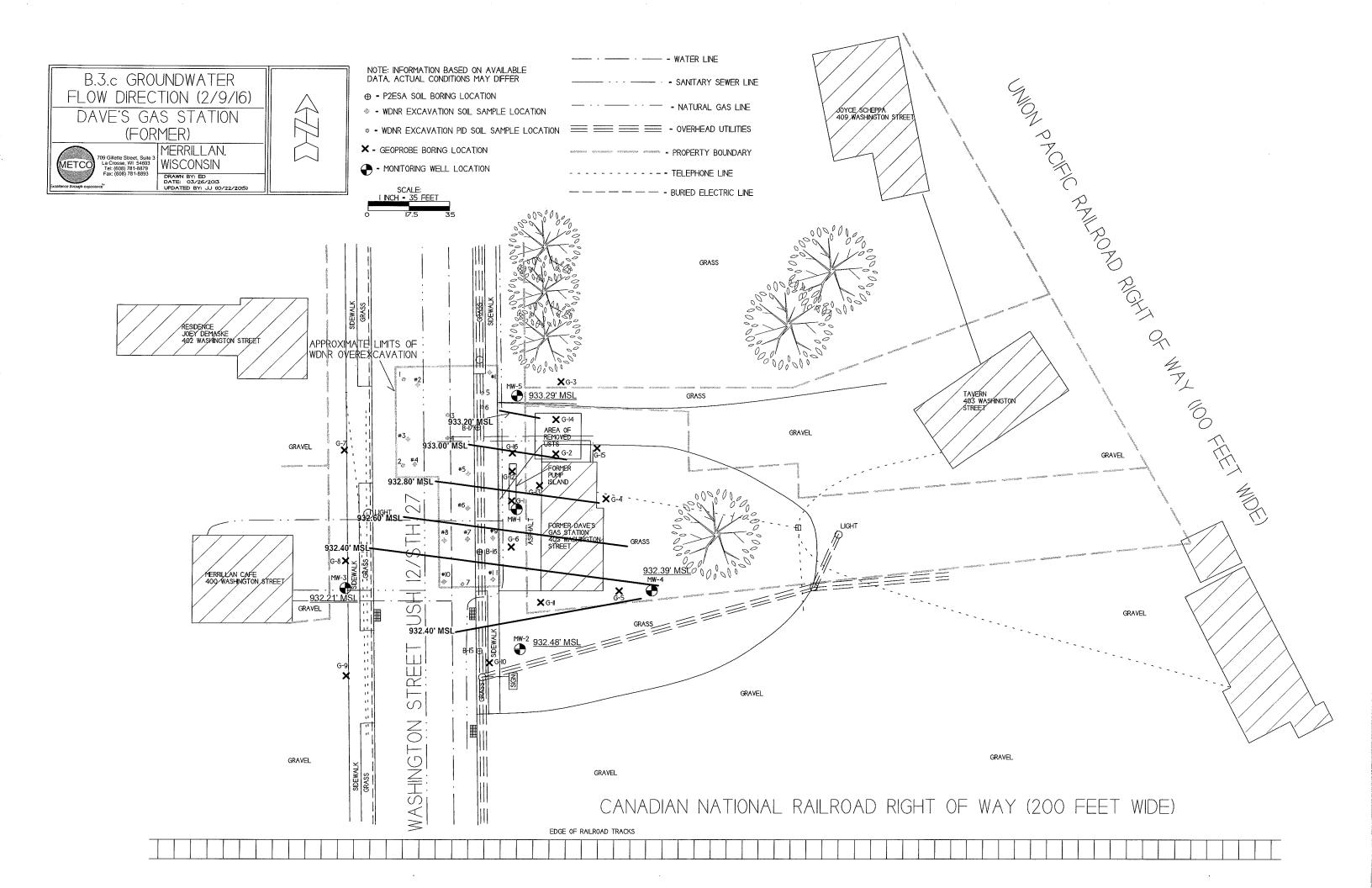
SHEET NAME PAGEREVISIONS DRAWN BY: G. FAUERBACH PROJECT: 11-4-15 FIELD DAVE'S GAS STATION DATE: DATA SHEET 1 OF 1 405 WASHINGTON ST. 55715 FAUERBACH SURVEYING & ENG. DWG. NO.: PO BOX 140, HILLSBORO, WI 54634 MERRILLAN, WI 54754 PH/FAX 608-489-3363 BRRTS #

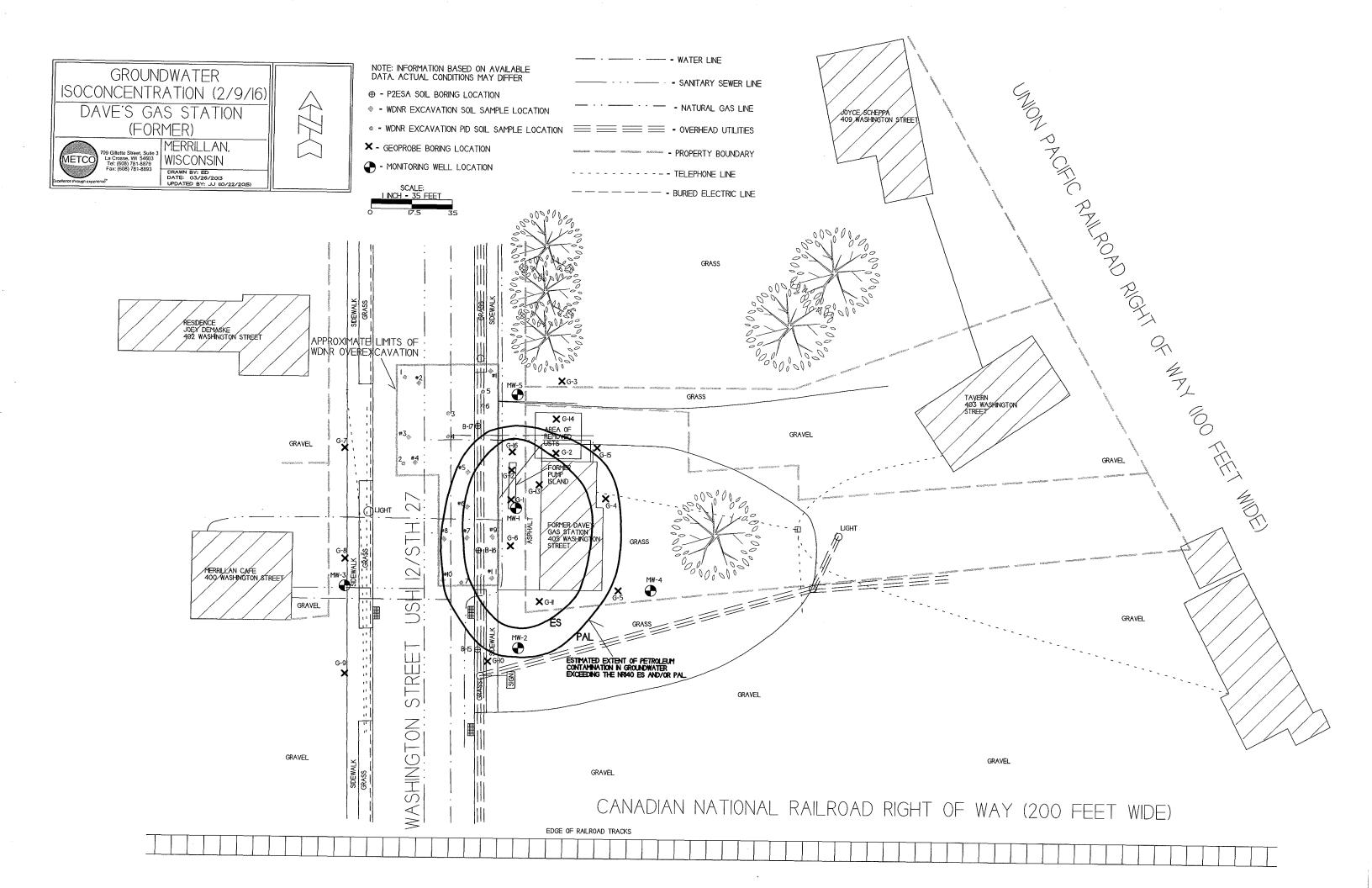
FAUERBACH S-2169

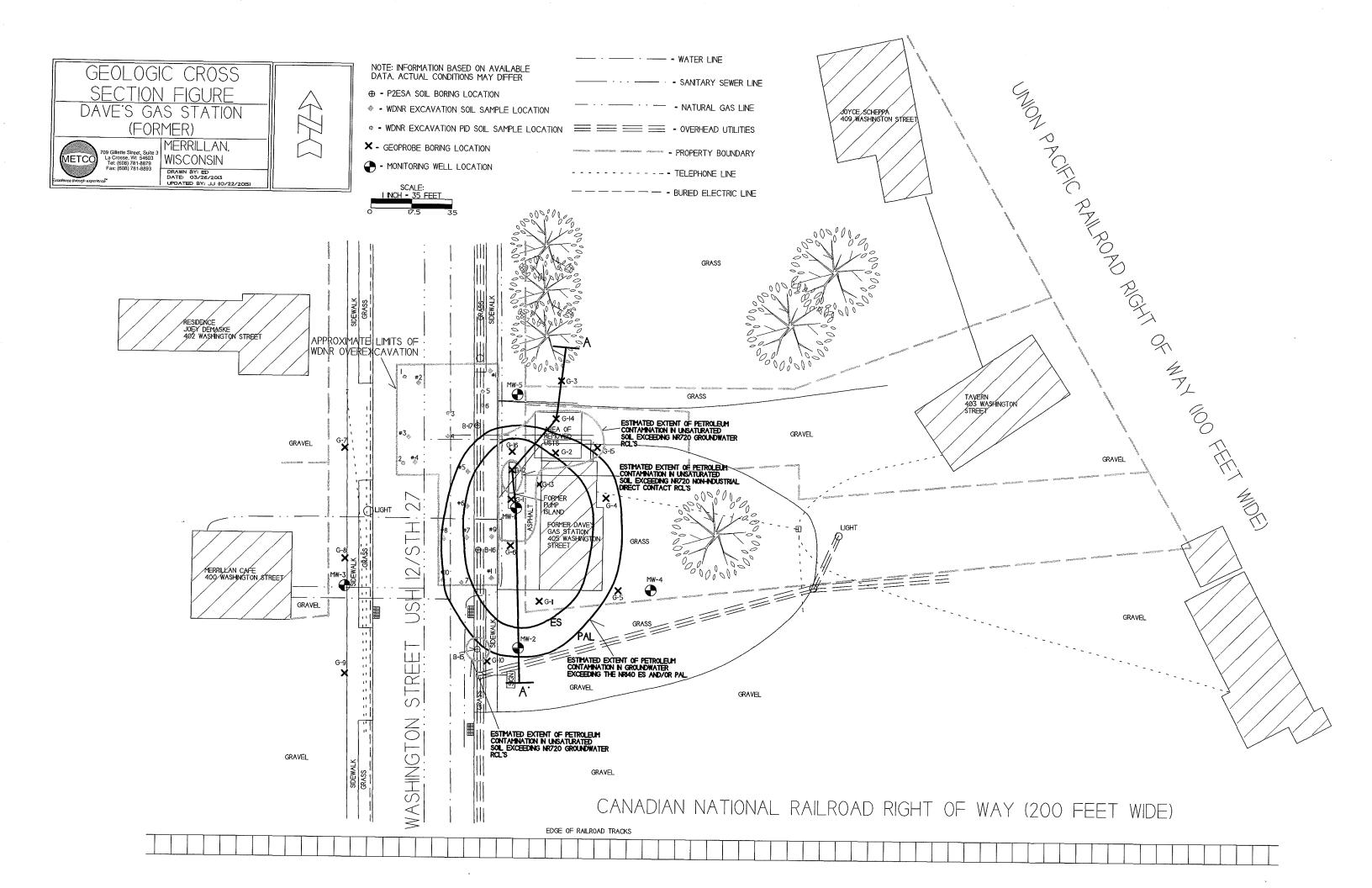


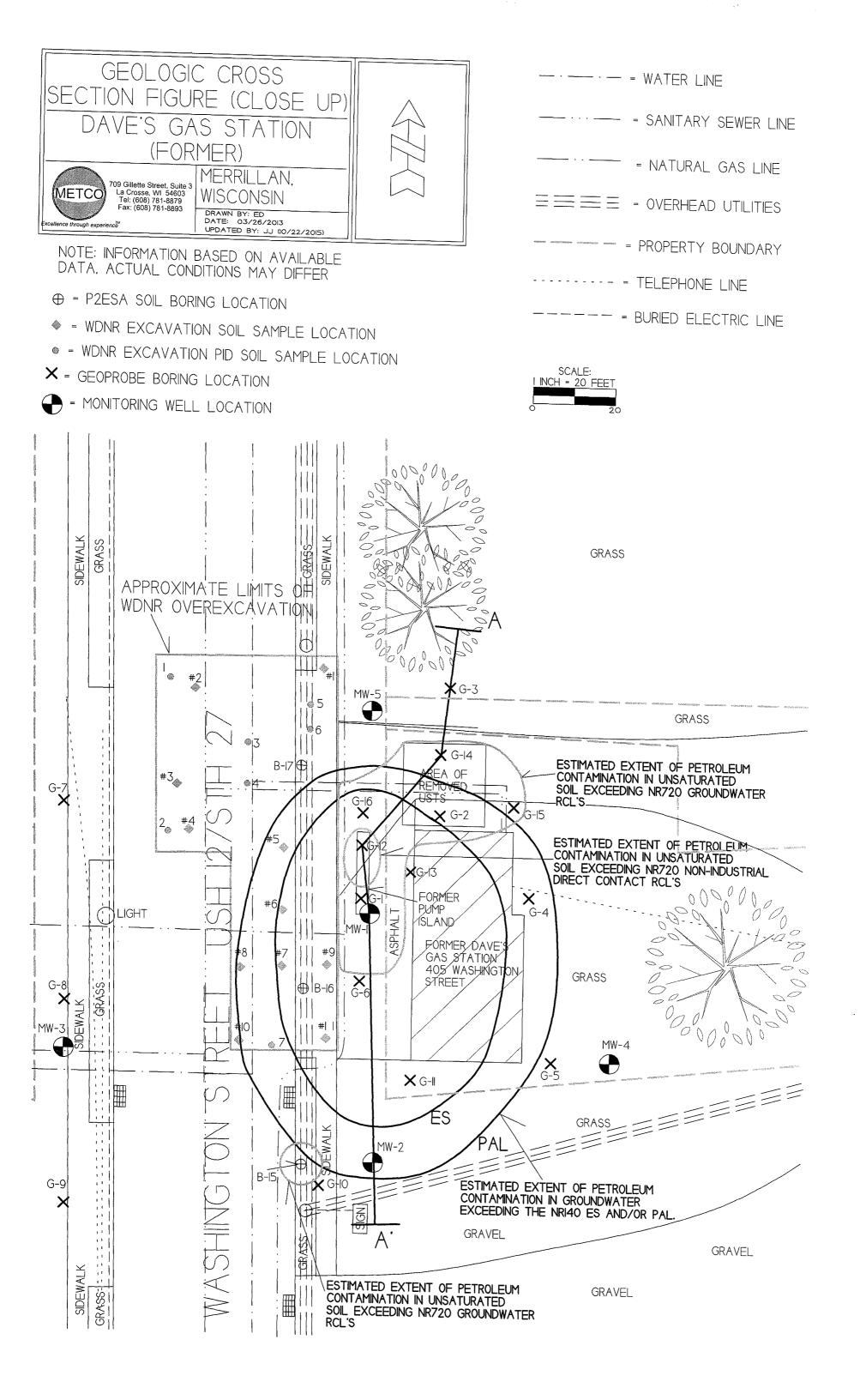


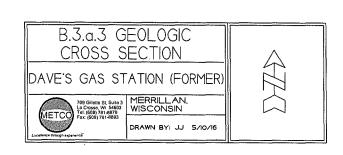












- MONITORING WELL LOCATION

- GEOPROBE BORING LOCATION

X - SOIL SAMPLING LOCATION

- WATERTABLE BASED ON - ALL TIME LOW MEASUREMENTS





INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

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

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

GROUNDWATER FLOW IS TOWARD THE

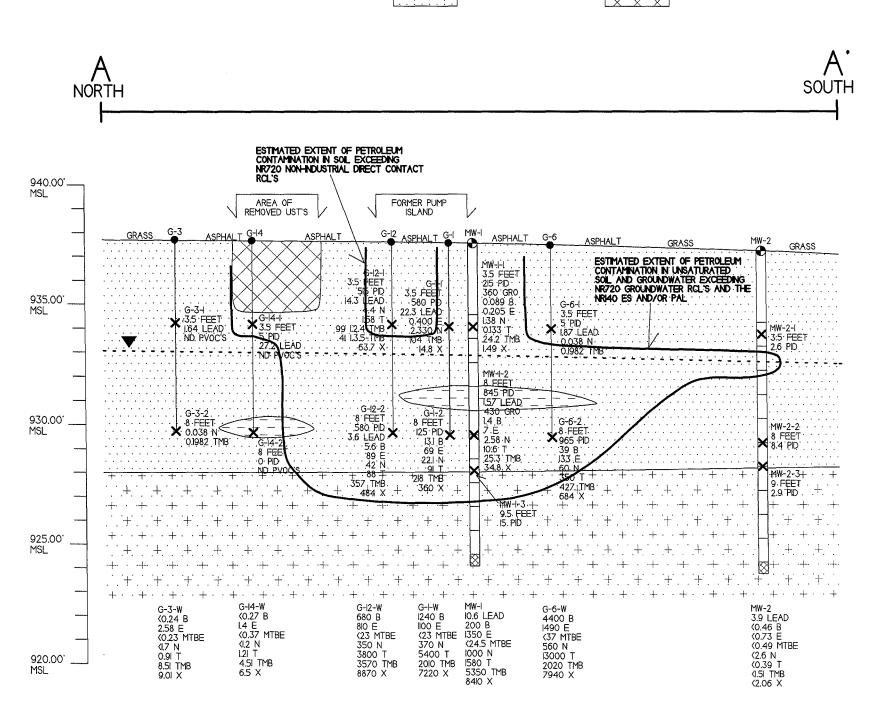
NOTE: SOIL RESULTS SHOW DETECTS AND EXCEEDANCES THAT HAVE BEEN DOCUMENTED ON THE MAP. SEE DATA TABLES AND/OR LABORATORY REPORTS FOR ALL RESULTS

ND - NO DETECT PID - PHOTO IONIZATION DETECTOR GRO - GASOLINE RANGE ORGANICS PVOC - PETROLEUM VOLATILE ORGANIC COMPOUNDS B - BENZENE E - ETHYLBENZENE

MTBE - METHYL-TERT-BUTYL-ETHER N - NAPHTHALENE T - TOLUENE TMB - TRIMETHYLBENZENE X - XYLENE

NOTE: SOIL AND GROUNDWATER SAMPLE DATA IS BASED ON LABORATORY RESULTS FROM SAMPLE SCOLLECTED DURING THE FOLLOWING EVENTS:
- GEOPROBE PROJECT (IO/I3/I4)
- DRILLING PROJECT (8/28/I5)
- ROUND 2 GROUNDWATER SAMPLING (2/9/I6)

ORANGE TO TAN TO GRAY FINE TO COARSE GRAY CLAY GRAINED SAND TAN TO WHITE TO FILL MATERIAL GRAY FINE TO COARSE GRAINED SANDSTONE



7.0 DATA TABLES, GRAPHS, AND STATISTICAL ANALYSIS

A.2. Soil Analytical Results Table Dave's Gas Station BRRTS# 03-27-001459

Dave 5 Gas 5																	DIR	ECT CONTACT P	VOC
Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Benzene	Ethyl Benzene	MTBE	Naph- thalene	Toluene	1,2,4-Trime- thylbenzene	1,3,5-Trime- thylbenzene	Xylene (Total)	Other VOC's (ppb)	Exeedance	Hazard	Cumulative Cancer
B-15	2-4	U	05/05/11	8	18.50	NS	10.5	(ppm) 0.06	(ppm) 0.18	(ppm) <0.025	(ppm) <0.025	(ppm) 0.03	(ppm) 0.31	(ppm) <0.025	(ppm) 0.19	NS	Count 0	Index 5.05E-02	Risk 6.40E-08
B-16	7-8	S	05/05/11	560	9.00	NS	708	1.63	20.8	<0.312	134	57.4	47.3	15.1	111.2	NS	Ö	0.002-02	0.402.00
B-17	2-4	U	05/05/11	568	29.40	NS	5760	8.43	139	<5.0	<u>67.1</u>	287	424*	<u>581*</u>	<u>806*</u>	NS	6	6.96E+00	3.70E-05
B-22	2-4	U	05/05/11	7	1.20	NS	<2.6	<0.025	<0.025	<0.025	<0.025	<0.025	0.05	<0.025	0.06x	NS	0	3.56E-03	
Sample #1	8	S	08/19/13	770	3.60	NS	NS	<0.125	6.07	<0.125	3.22	1.28	23.6	8.06	27.55	NS		-	
Sample #2 Sample #3	8	S S	08/19/13	17 115	14.60	NS NS	NS NS	<0.025 <0.025	<0.025 0.13	<0.025 <0.025	0.07	<0.025 <0.025	0.33	0.19 1.01	0.28 0.25	NS NS			
Sample #4	8	s	08/19/13	51	4.20	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	0.0565 "J"	0.0387 "J"	<0.0789 "J"	NS			
Sample #5	8	S	08/19/13	1267	23.80	NS	NS	1.820 "J"	66.7	<1.250	40.1	95.4	233*	79.8	451*	NS			
Sample #6	8	S	08/19/13	1538	1.80	NS	NS	0.56	0.27	<0.025	0.07	2.05	0.27	0.081.	1.51	NS			
Sample #7	8	S	08/19/13	528	1.60	NS	NS	1.08	1.69	<0.050	1.24	5.12	6.05	2.38	9.19	NS			
Sample #8 Sample #9	5 5	S	08/19/13	2175 1483	11.90 12.70	NS NS	NS NS	1.230 "J" <1.000	47.6 9.51	<0.625 <1.000	20.9 11.6	57.2 7.42	114 264*	35.7 96.9	267.6* 67.7	NS NS		-	1
Sample #10	5	s	08/19/13	1632	4.40	NS	NS	<0.200	4.64	<0.200	4.76	0.69	30.4	12.9	18.41	NS			
Sample #11	5	S	08/19/13	<10	1.00	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-1-1	3.5	U	10/13/14	580	22.3	NS	NS	<0.250	0.400	<0.250	2.330	<0.250	69	35	14.8	NS	0	8.98E-01	5.1E-07
G-1-2	8.0	S	10/13/14	125	NS	NS	NS	13.1	69	<0.250	22.1	91	161	57	360*	NS			
G-2-1 G-2-2	3.5 8.0	U S	10/13/14	10 50	13.9	NS NS	NS	0.046	0.087	<0.025	0.221	0.237	0.253	0.107	0.618	NS NS	0	4.01E-02	8.5E-08
G-2-3	10.0	S	10/13/14	10	NS	1 149	NS	0.380	0.380	<0.025 NOT SA	0.460 MPLED	0.254	3.7	1.85	1.48	NS NS		1	<u> </u>
G-3-1	3.5	ŭ	10/13/14	NM	1.64	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	4.10E-03	1
G-3-2	8.0	S	10/13/14	NM	NS	NS	NS	<0.025	<0.025	<0.025	0.038	<0.025	0.168	0.0302	<0.075	NS			
G-4-1	3.5	U	10/13/14	0						NOT SA						NS			
G-4-2 G-5-1	8.0 3.5	S U	10/13/14	0						NOT SA						NS NS			
G-5-1	8.0	S	10/13/14	0						NOT SA						NS NS			
G-6-1	3.5	Ū	10/13/14	5	1.87	NS	NS	<0.025	<0.025	<0.025	0.038	<0.025	0.168	0.0302	<0.075	NS NS	0	4.68E-03	
G-6-2	8.0	S	10/13/14	965	NS	NS	NS	39	133	<2.5	60	350	311	116	684*	NS			
G-7-1	3.5	C	10/13/14	0						NOT SA						NS			
G-7-2	8.0	S	10/13/14	0						NOT SA						NS			
G-8-1 G-8-2	3.5 8.0	S	10/13/14	0						NOT SA				· · · · · · · · · · · · · · · · · · ·		NS NS			
G-9-1	3.5	Ŭ	10/13/14	0						NOT SA					***************************************	NS			
G-9-2	8.0	S	10/13/14	0						NOT SA						NS			
G-10-1	3.5	U	10/13/14	0						NOT SA						NS			
G-10-2	8.0	S	10/13/14	0			***************************************			NOT SA						NS			
G-11-1 G-11-2	3.5 8.0	U S	10/13/14	0 25				.		NOT SA NOT SA			***************************************			NS NS			
G-12-1	3.5	Ü	10/13/14	515	14.3	NS	NS	<1.25	<1.25	<1.25	4.4	1.58	99	41	63.7	NS	1	1.29E+00	8.5E-07
		_		500	******	110								0.4	40.4*	SEE VOC			
G-12-2 G-13-1	8.0 3.5	S U	10/13/14	580 0	3.6 3.1	NS NS	NS NS	5.6 <0.025	89 <0.025	<1.5 <0.025	42 0.0263	88 0.039	276* 0.0252	81 <0.025	484* 0.0307-0.0807	SHEET	0	8.21E-03	5.1E-09
G-13-2	8.0	s	10/13/14	320	NS	NS	NS	0.0286	0.126	<0.025	0.045	0.063	0.0232	0.082	0.503	NS NS		0.212-00	3.12-03
G-14-1	3.5	U	10/13/14	5	27.2	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	< 0.075	NS	0	6.80E-02	
G-14-2	8.0	S	10/13/14	0	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-15-1	3.5	U	10/13/14	0	83.8	NS NC	NS	<0.025	<0.025	<0.025	0.044	0.036	0.043	<0.025	0.098	NS	0	2.10E-01	8.5E-09
G-15-2 G-16-1	8.0 3.5	S U	10/13/14	0 1300	NS 13.8	NS NS	NS NS	<0.025 0.420	<0.025 0.410	<0.025 <0.250	0.036 1.36	0.032	0.0272 12	<0.025 10.3	0.026-0.076 7.21	NS NS	0	2.01E-01	6.0E-07
G-16-2	8.0	s	10/13/14	550	NS I	NS	NS	7.1	57	<0.250	18.7	25.6	155	57	231	NS	Ť	2.0.2.01	5.52 67
MW-1-1	3.5	U	08/28/15	215	NS	NS	360	0.089	0.205	<0.025	1.38	0.133	14.9	9.3	1.49	NS	0	1.88E-01	3.6E-07
MW-1-2	8.0	s	08/28/15	845	1.57	NS	430	1.4	7	<0.025	2.58	10.6	18.3	7	34.8	TCLP LEAD 1.3			
MW-1-3	9.5		08/28/15	15						NOT SA						NS			
MW-2-1	3.5		08/28/15	2.6				·		NOT SAI				***		NS			-
MW-2-2 MW-2-3	8.0 9.0		08/28/15 08/28/15	8.4 2.9			W4			NOT SAI						NS NS			
MW-3-1	3.5		08/28/15	2.0				···		NOT SAI						NS NS			
MW-3-2	8.0		08/28/15	1.5						NOT SA						NS			
MW-3-3	7.0		08/28/15	2.5					_	NOT SAI						NS			
MW-4-1	3.5		08/28/15	2.5						NOT SA						NS			
MW-4-2 MW-4-3	8.0	S S	08/28/15 08/28/15	2.9 1.5	w					NOT SAM						NS NS			
MW-5-1	3.5		08/28/15	3.7						NOT SAM						NS NS			-
MW-5-2	8.0		08/28/15	2.7						NOT SAM						NS			_
MW-5-3	8.5		08/28/15	2.5						NOT SAM						NS			
Groundwater F Non-Industrial		entect De	i		27	-		0.00512	1.57	0.027	0.659	1.11	1.3	182	3.94	-	0	1.005 : 00	1.00E-05
Soil Saturation					400		-	1.49 1820*	7.47 480*	<u>59.4</u> 8870*	<u>5.15</u>	818 818*	89.8 219*	182*	258 258*		· ·	1.00E+00	1.00E-05
Bold = Ground							1	.0_0				J.J	1						k

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
Bold & Asteric * = C-sat Exceedance

NM = Not Measured

Bold & Asteric * = C-sat Exceedance

NS = Not Sampled

(ppm) = parts per million

DRO = Diesel Range Organics

GRO = Gasoline Range Organics

PID = Photoionization Detector

PVOC's = Petroleum Volatile Organic Compounds

A.2. Soil Analytical Results Table Dave's Gas Station BRRTS# 03-27-001459

Sampling Conducted on October 13, 2014

VOC's		Bold = Groundwater RCL	Underline & Bold = Direct Contact RCL (Non-Industrial)	
Sample ID# Sample Depth/ft.	G-12-2 8			
Solids Percent	87			
Lead/ppm	3.63	27	400	
Benzene/ppm	5.6	0.00512	1.49	1820
Bromobenzene/ppm	< 0.650	= =	354	= =
Bromodichloromethane/ppm	< 1.350	0.000326	0.39	**************************************
Bromoform/ppm	< 1.500	0.00233	61.6	==
tert-Butylbenzene/ppm	< 1.000	= =	183	183
sec-Butylbenzene/ppm	4.000 "J"	= =	145	145
n-Butylbenzene/ppm	23.9 < 1.250	= =	108	108
Carbon Tetrachloride/ppm Chlorobenzene/ppm	< 0.800	0.00388 = =	0.85	==
Chloroethane/ppm	< 2.100	0.227	392 = =	= =
Chloroform/ppm	< 2.450	0.0033	0.42	==
Chloromethane/ppm	< 12.250	0.0055	171	= =
2-Chlorotoluene/ppm	< 0.800	0.0100	==	==
4-Chlorotoluene/ppm	< 0.700	===	= =	= =
1,2-Dibromo-3-chloropropane/ppm	< 2.400	0.000173	0.01	= =
Dibromochloromethane/ppm	< 0.700	0.032	0.93	= =
1,4-Dichlorobenzene/ppm	< 1.650	0.144	3.48	= =
1,3-Dichlorobenzene/ppm	< 1.500	1.15	297	297
1,2-Dichlorobenzene/ppm	< 1.900	1.17	376	376
Dichlorodifluoromethane/ppm	< 2.850	3.08	135	==
1,2-Dichloroethane/ppm	< 1.800	0.00284	0.61	540
1,1-Dichloroethane/ppm	< 0.950	0.484	4.72	==
1,1-Dichloroethene/ppm	< 1.050	0.00502	342	= =
cis-1,2-Dichloroethene/ppm	< 1.200	0.0412	156	==
trans-1,2-Dichloroethene/ppm	< 1.450	0.0588	211	=======================================
1,2-Dichloropropane/ppm	< 0.475	0.00332	1.33	= =
2,2-Dichloropropane/ppm	< 2.300	= =	527	527
1,3-Dichloropropane/ppm	< 1.050	= =	1490	1490
Di-isopropyl ether/ppm	< 0.550 < 1.000	= =	2260	2260
EDB (1,2-Dibromoethane)/ppm Ethylbenzene/ppm	< 1.000 89	0.0000282 1.57	0.05 7.47	= = 480
Hexachlorobutadiene/ppm	< 4.750		6.23	==
Isopropylbenzene/ppm	9.9	==	= =	= =
p-Isopropyltoluene/ppm	2.770 "J"	THE STATE	162	162
Methylene chloride/ppm	< 11.050	0.00256	60.7	==
Methyl tert-butyl ether (MTBE)/ppm	< 1.500	0.027	59.4	8870
Naphthalene/ppm n-Propylbenzene/ppm	42 42	0.659 = =	5.15 = =	= = = =
1,1,2,2-Tetrachloroethane/ppm	< 0.600	0.000156	0.75	CORNEL MINISTER
1,1,1,2-Tetrachloroethane/ppm	< 1.150	0.0533	2.59	-
Tetrachloroethene (PCE)/ppm	< 2.450	0.00454	30.7	MATTER SERVICE
Toluene/ppm	88	1.11	818	818
1,2,4-Trichlorobenzene/ppm	< 3.950	0.408	22.1	=
1,2,3-Trichlorobenzene/ppm	< 6.450	==	48.9	= =
1,1,1-Trichloroethane/ppm	< 1.900	0.14	= =	===
1,1,2-Trichloroethane/ppm	< 1.150	0.00324	1.48	==
Trichloroethene (TCE)/ppm	< 1.400 < 4.300	0.00358	0.64	= =
Trichlorofluoromethane/ppm 1,2,4-Trimethylbenzene/ppm	< 4.300 276	==	1120 89.8	= = 219
1,3,5-Trimethylbenzene/ppm	81	1.38	182	182
Vinyl Chloride/ppm	< 1.050	0.000138	0.07	= =
m&p-Xylene/ppm	370	3.94	258	258
o-Xylene/ppm	114	0.04	200	

NS = not sampled, NM = Not Measured

(ppm) = parts per million

DRO = Diesel Range Organics

GRO = Gasoline Range Organics

^{= =} No Exceedences

[&]quot;J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

A.1 Groundwater Analytical Table (Geoprobe)
Dave's Gas Station BRRTS# 03-27-001459

Sample			Ethyl		Naph-		Trimethyl-	Xylene
ID	Date	Benzene	Benzene	MTBE	thalene	Toluene	benzenes	(Total)
		(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
G-1-W	10/14/14	1240	1100	<23	370	5400	2010	7220
G-2-W	10/14/14	1.84	8.6	<0.23	4.3	8.7	43.2	53.7
G-3-W	10/14/14	<0.24	2.58	<0.23	<1.7	0.91	8.51	9.01
G-4-W	10/14/14	0.50	1.94	<0.23	<1.7	1.64	3.08-4.48	9.45
G-5-W	10/14/14	<0.24	2.41	<0.23	<1.7	4	5.56	12.4
G-6-W	10/14/14	4400	1490	<37	560	13000	2020	7940
G-7-W	10/14/14	0.35	2.67	<0.23	<1.7	5.8	10.89	15.1
G-8-W	10/14/14	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
G-9-W	10/14/14	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	3.07
G-10-W	10/14/14	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
G-11-W	10/14/14	380	191	<3.7	62	46	204	966
G-12-W	10/14/14	680	810	<23	350	3800	3570	8870
G-13-W	10/14/14	77	910	<23	314	1030	2160	4840
G-14-W	10/14/14	<0.27	1.4	< 0.37	<1.2	1.21	4.51	6.5
G-15-W	10/14/14	<0.27	<0.82	< 0.37	<1.2	<0.8	1.03-1.89	<2.41
G-16-W	10/14/14	203	1620	<23	450	5200	3360	9020
ENFORCE MENT STA	ANDARD ES = Bold	5	700	60	100	800	480	2000
PREVENTIVE ACTIOI		0.5	140	12	10	160	96	400

NS = Not Sampled

(ppb) = parts per billion

(ppm) = parts per million

DRO = Diesel Range Organics

GRO = Gasoline Range Organics

A.1 Groundwater Analytical Table Daves Gas Station Site BRRT's# 03-27-001459

Well MW-1

PVC Elevation = 937.03 (feet) (MSL)

	Water	Depth to water			Ethyl		Naph-		Trimethyl-	Xylene
	Elevation	from top of PVC	Lead	Benzene	Benzene	MTBE	thalene	Toluene	benzenes	(Total)
Date	(in feet msl)	(in feet)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
11/04/15	932.05	4.98	38.5	610	950	<110	370	3020	4320	5540
02/09/16	FREE	PRODUCT	10.6	200	1350	<24.5	1000	1580	5350	8410
ENFORCE ME	NT STANDARD	ES = Bold	15	5	700	60	100	800	480	2000
REVENTIVE .	ACTION LIMIT F	AL = 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 =

936.63

(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)
11/04/15	932.47	4.16	1.5	7.7	1.8	<1.1	2.3	0.49	<3.1	4.34
02/09/16	932.48	4.15	3.9	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
ENFORCE ME	NT STANDARD	ES = Bold	15	5	700	60	100	800	480	2000
PREVENTIVE	ACTION LIMIT F	PAL = Italics	1.5	0.5	140	12	10	160	96	400
(ppb) = parts pe	er billion	(ppm) = parts per millio	n							

(ppb) = parts per billion ns = not sampled

nm = not measured

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

Well MW-3

PVC Elevation =

936.72

(feet)

(MSL)

	Water	Depth to water			Ethyl		Naph-		Trimethyl-	Xylene
	Elevation	from top of PVC	Lead	Benzene	Benzene	MTBE	thalene	Toluene	benzenes	(Total)
Date	(in feet msl)	(in feet)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
11/04/15	932.17	4.55	<0.7	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
02/09/16	932.21	4.51	<0.7	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
ENFORCE ME	NT STANDARD	ES = Bold	15	5	700	60	100	800	480	2000
PREVENTIVE.	ACTION LIMIT F	PAL = Italics	1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion ns = not sampled

(ppm) = parts per million nm = not measured

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

A.1 Groundwater Analytical Table Daves Gas Station Site BRRT's# 03-27-001459

Well MW-4

PVC Elevation =

936.09

(feet)

(MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph- thalene (ppb)	Toluene (ppb)	Trimethyl- benzenes (ppb)	Xylene (Total) (ppb)
11/04/15	932.37	3.72	<0.7	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
02/09/16	932.39	3.70	<0.7	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
ENFORCE ME	ORCE MENT STANDARD ES = Bold		15	5	700	60	100	800	480	2000
PREVENTIVE.	/ENTIVE 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 =

937.76

(feet)

(MSL)

_	Water Elevation	Depth to water from top of PVC	Lead	Benzene	Ethyl Benzene	MTBE	Naph- thalene	Toluene	Trimethyl- benzenes	Xylene (Total)
Date	(in feet msl)	(in feet)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
11/04/15	932.92	4.84	<0.7	<0.44	3.07	<1.1	27.8	<0.44	18	4.74
02/09/16	933.29	4.47	<0.7	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
	NT STANDARD		15	5	700	60	100	800	480	2000
REVENTIVE A	ACTION LIMIT P	AL = Italics	1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion ns = not sampled

(ppm) = parts per million

nm = not measured

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

A.1 Groundwater Analytical Table Daves Gas Station Site BRRT's# 03-27-001459

Well Sampling Conducted on:	11/04/15	11/04/15	11/04/15	11/04/15	11/04/15		
VOC's						ENFORCE MENT STANDARD = ES - Bold	PREVENTIVE ACTION LIMI PAL - Italics
Well Name	MW-1	MW-2	MW-3	MW-4	MW-5		
Lead, dissolved/ppb	38.5	1.5	< 0.7	< 0.7	< 0.7	15	1.5
Benzene/ppb	610	7.7	< 0.44	< 0.44	< 0.44	5	0.5
Bromobenzene/ppb	< 48	< 0.48	< 0.48	< 0.48	< 0.48	==	==
Bromodichloromethane/ppb	< 46	< 0.46	< 0.46	< 0.46	< 0.46	0.6	0.06
Bromoform/ppb	< 46	< 0.46	< 0.46	< 0.46	< 0.46	4.4	0.44
tert-Butylbenzene/ppb	< 110	< 1.1	< 1.1	< 1.1	< 1.1	==	==
sec-Butylbenzene/ppb	< 120	< 1.2	< 1.2	< 1.2	< 1.2	==	==
n-Butylbenzene/ppb	380	< 1	< 1	< 1	1.91 "J"	==	==
Carbon Tetrachloride/ppb	< 51	< 0.51	< 0.51	< 0.51	< 0.51	5	0.5
Chlorobenzene/ppb	< 46	< 0.46	< 0.46	< 0.46	< 0.46	==	
Chloroethane/ppb	< 65	< 0.65	< 0.65	< 0.65	< 0.65	400	80
Chloroform/ppb	< 43	< 0.43	< 0.43	< 0.43	< 0.43	6	0.6
Chloromethane/ppb	< 190	< 1.9	< 1.9	< 1.9	< 1.9	30	3
2-Chlorotoluene/ppb	< 40	< 0.4	< 0.4	< 0.4	< 0.4	==	==
4-Chlorotoluene/ppb	< 63 < 140	< 0.63 < 1.4	< 0.63 < 1.4	< 0.63 < 1.4	< 0.63 < 1.4	==	-=
1,2-Dibromo-3-chloropropane/ppb	< 45	< 0.45	< 0.45	< 0.45	< 0.45	0.2	0.02
Dibromochloromethane/ppb	< 49	< 0.49	< 0.49	< 0.49	< 0.49	60	6
1,4-Dichlorobenzene/ppb	< 52	< 0.49	< 0.49	< 0.49	< 0.49	75	15
1,3-Dichlorobenzene/ppb	< 46	< 0.46	< 0.46	< 0.46	< 0.46	600	120
1,2-Dichlorobenzene/ppb	< 87	< 0.40	< 0.40	< 0.40	< 0.40	600	60_
Dichlorodifluoromethane/ppb 1,2-Dichloroethane/ppb	< 48	< 0.48	< 0.48	< 0.48	< 0.48	1000 5	200
1,1-Dichloroethane/ppb	< 110	< 1.1	< 1.1	< 1.1	< 1.1	850	0.5 85
1,1-Dichloroethene/ppb	< 65	< 0.65	< 0.65	< 0.65	< 0.65	7	0.7
cis-1,2-Dichloroethene/ppb	< 45	< 0.45	< 0.45	< 0.45	< 0.45	70	7
trans-1,2-Dichloroethene/ppb	< 54	< 0.54	< 0.54	< 0.54	< 0.54	100	20
1,2-Dichloropropane/ppb	< 43	< 0.43	< 0.43	< 0.43	< 0.43	5	0.5
2,2-Dichloropropane/ppb	< 310	< 3.1	< 3.1	< 3.1	< 3.1	==	==
1,3-Dichloropropane/ppb	< 42	< 0.42	< 0.42	< 0.42	< 0.42	==	==
Di-isopropyl ether/ppb	< 44	< 0.44	< 0.44	< 0.44	< 0.44	==	==
EDB (1,2-Dibromoethane)/ppb	< 63	< 0.63	< 0.63	< 0.63	< 0.63	0.05	0.005
Ethylbenzene/ppb	950	1.8 "J"	< 0.71	< 0.71	3.07	700	140
Hexachlorobutadiene/ppb	< 220	< 2.2	< 2.2	< 2.2	< 2.2	==	==
sopropylbenzene/ppb	90 "J"	< 0.82	< 0.82	< 0.82	1.15 "J"	==	==
o-Isopropyltoluene/ppb	< 110	< 1.1	< 1.1	< 1.1	< 1.1	==	
Methylene chloride/ppb	< 130	< 1.3	< 1.3	< 1.3	< 1.3	5	0.5
Methyl tert-butyl ether (MTBE)/ppb	< 110	< 1.1	< 1.1	< 1.1	< 1.1	60	12
√aphthalene/ppb	370 "J"	2.3 "J"	< 1.6	< 1.6	27.8	100	10
n-Propylbenzene/ppb	350	< 0.77	< 0.77	< 0.77	3.6	==	==
,1,2,2-Tetrachloroethane/ppb	< 52	< 0.52	< 0.52	< 0.52	< 0.52	0.2	0.02
,1,1,2-Tetrachloroethane/ppb	< 48	< 0.48	< 0.48	< 0.48	< 0.48	70	7
etrachloroethene (PCE)/ppb	< 49	< 0.49	< 0.49	< 0.49	< 0.49	5	0.5
oluene/ppb	3020	0.49 "J"	< 0.44	< 0.44	< 0.44	800	160
,2,4-Trichlorobenzene/ppb	< 170	< 1.7	< 1.7	< 1.7	< 1.7	70	14
,2,3-Trichlorobenzene/ppb	< 270	< 2.7	< 2.7	< 2.7	< 2.7		==
,1,1-Trichloroethane/ppb	< 84	< 0.84	< 0.84	< 0.84	< 0.84	200	40
,1,2-Trichloroethane/ppb	< 48	< 0.48	< 0.48	< 0.48	< 0.48	5	0.5
richloroethene (TCE)/ppb	< 47	< 0.47	< 0.47	< 0.47	< 0.47	5	0.5
richlorofluoromethane/ppb	< 87	< 0.87	< 0.87	< 0.87	< 0.87	==	==
,2,4-Trimethylbenzene/ppb	3200	< 1.6	< 1.6	< 1.6	14.6		
,3,5-Trimethylbenzene/ppb	1120	< 1.5	< 1.5	< 1.5	3.4 "J"	Total TMB's 480	Total TMB's 96
/inyl Chloride/ppb	< 17	< 0.17	< 0.17	< 0.17	< 0.17	0.2	0.02
n&p-Xylene/ppb	4100	3.2 "J"	< 2.2	< 2.2	3.6 "J"]	
-Xylene/ppb	1440	1.14 "J"	< 0.9	< 0.9	1.14 "J"	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.6 Water Level Elevations Daves Gas Station Site BRRT's# 03-27-001459 Merrillan, Wisconsin

	MW-1	MW-2	MW-3	MW-4	MW-5
Ground Surface (feet msl)	937.50	937.12	937.01	936.64	938.19
PVC top (feet msl)	937.03	936.63	936.72	936.09	937.76
Well Depth (feet)	13.00	13.00	13.00	13.00	13.00
Top of screen (feet msl)	934.50	934.12	934.01	933.64	935.19
Bottom of screen (feet msl)	924.50	924.12	924.01	923.64	925.19
Depth to Water From Top of PVC	(feet)				
11/04/15	4.98	4.16	4.55	3.72	4.84
02/09/16	FP	4.15	4.51	3.70	4.47
Depth to Water From Ground Suri 11/04/15 02/09/16	face (feet) 5.45 FP	4.65 4.64	4.84 4.80	4.27 4.25	5.27 4.90
Groundwater Elevation (feet msl) 11/04/15 02/09/16	932.05 FP	932.47 932.48	932.17 932.21	932.37 932.39	932.92 933.29

CNL = Could Not Locate

A = Abandoned and removed during soil excavation project

NI = Not Installed

FP = Free Product

A.7 Other Groundwater NA Indicator Results Daves Gas Station Site BRRT's# 03-27-001459

Well MW-1

	Dissolved					Nitrate +	Total	Dissolved	Man-
Date	Oxygen	pΗ	ORP	Temp	Specific	Nitrite	Sulfate	Iron	ganese
	(ppm)			(C)	Conductance	(ppm)	(ppm)	(ppm)	(ppb)
11/04/15	2.12	6.83	-76	14.1	970	0.395	1510	8.96	318
02/09/16	2.03	7.18	.18 -97 7.9 1287		1287	NS	NS	NS	NS
ENFORCE ME	NT STANDARD	= ES – Bold				10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italics						2	-	-	60

(ppb) = parts per billion ns = not sampled (ppm) = parts per million

nm = not measured

ORP = Oxidation Reduction Potential

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

Well MW-2

	Dissolved					Nitrate +	Total	Dissolved	Man-
Date	Oxygen	pН	ORP	Temp	Specific	Nitrite	Sulfate	Iron	ganese
	(ppm)			(C)	Conductance	(ppm)	(ppm)	(ppm)	(ppb)
11/04/15	4.02	6.93	245	13.5	638	2.56	<300	0.33	64.7
02/09/16	4.23	6.93	110	7.7	876	NS	NS	NS	NS
ENFORCE ME	NT STANDARD	= ES – Bold		L	<u> </u>	10	-	-	300
PREVENTIVE .	ENTIVE 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

	Dissolved					Nitrate +	Total	Dissolved	Man-
Date	Oxygen	Нą	ORP	Temp	Specific	Nitrite	Sulfate	Iron	ganese
	(ppm)			(C)	Conductance	(ppm)	(ppm)	(ppm)	(ppb)
11/04/15	5.71	6.59	227	12.9	251	0.750	<300	0.29	198
02/09/16	6.71	6.52	229	7.6	589	NS	NS	NS	NS
ENFORCE ME	NT STANDARD	= ES - Bold	1			10	-	- '	300
PREVENTIVE .	ENTIVE ACTION LIMIT = PAL - Italics 2					60			

(ppb) = parts per billion ns = not sampled (ppm) = parts per million

nm = not measured

ORP = Oxidation Reduction Potential

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

A.7 Other

Groundwater NA Indicator Results

Daves Gas Station Site BRRT's# 03-27-001459

Well MW-4

Date	Dissolved Oxygen	1 1		Temp	Specific	Nitrate + Nitrite	Total Sulfate	Dissolved Iron	Man- ganese
	(ppm) (C) Conductar		Conductance	(ppm)	(ppm)	(ppm)	(ppb)		
11/04/15	5.25	6.92	211	13.1	235	0.442	<300	0.31	116
02/09/16	5.28	6.27	230	7.4	7.4 671 NS		NS	NS	NS
ENFORCE ME	NT STANDARD	= ES – Bolo		I		10			300
PREVENTIVE.	ACTION LIMIT =	PAL - Italic	s			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-5

	Dissolved		ORP			Nitrate +	Total	Dissolved	Man-
Date	Oxygen	pН		Temp	Specific	Nitrite	Sulfate	Iron	ganese
	(ppm)			(C)	Conductance	(ppm)	(ppm)	(ppm)	(ppb)
11/04/15	6.16	6.70	182	14.4	211	0.265	<300	0.84	192
02/09/16	5.49	6.86	181	7.5	552	NS	NS	NS	NS
ENFORCE ME	NT STANDARD	= ES – Bold		L	<u> </u>	10		-	300
PREVENTIVE .	ACTION LIMIT =	PAL - Italics	S			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).

Sheet1

A.7 Other Summary of Free Product Levels & Recovery Dave's Gas Station BRRTS # 03-27-001459

DATE		MW-1	GALS REC./PERIOD	TOT GALS RECOVERED
02/09/16	Inches of FP	7.00	0.09	0.09
	Gals Rec. w/ Absorbent Sock	0.00		
	Gals Rec. w/ Bailer	0.09		

8.0 PHOTOS

Photos

Photo #1: Looking east.



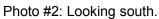




Photo #3: Looking northwest.



Photo #4: Looking southeast.



APPENDIX A/ METHODS OF INVESTIGATION

Geoprobe Project

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

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

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

Geoprobe Soil Sampling

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

Geoprobe Groundwater Sampling

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

Drilling Project

Soil borings were conducted by Ground Source Inc. 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 Model DL102 HNU Photo-ionization Meter equipped with a 10.6 eV lamp. Metered calibrations were done at the beginning of each workday using an isobutylene standard. A quart sized Ziploc bag was filled, by gloved hand, one-third full with the sample. The Ziploc bags were sealed and shaken vigorously for 30 seconds. Headspace development was established by allowing the sample to rest for at least 15 minutes. If ambient temperatures are below 70 degrees Fahrenheit, headspace development takes place in a heated environment, which allows the sample enough time to establish satisfactory headspace. To take readings, the HNU probe was inserted through the Ziploc seal and the highest meter response recorded.

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

Monitoring Well Installation, Development, and Sampling

Monitoring well installation was completed by Ground Source, Inc. 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 35-90 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 October 30, 2015, DKS Transport Services, LLC, of Menomonie, Wisconsin picked-up and disposed of six drums of soil cuttings and one drum of purge water to 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

MATT LECHNER C/O METCO MATT LECHNER

BLACK RIVER FALLS, WI 54615

Report Date 31-Oct-14

Project Name DAVE'S GAS STATION

Invoice # E27888

Project #

Lab Code

5027888A

Sample ID

MEOH BLANK

Sample Matrix Soil

Sample Date 10/13/2014

•	Result	Unit	LOD LO	oq d	il	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 25	ug/kg	7.9	25	1	GRO95/8021		10/20/2014	CJR	1
Ethylbenzene	< 25	ug/kg	7.7	25	1	GRO95/8021		10/20/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	1.8	26	1	GRO95/8021		10/20/2014	CJR	1
Naphthalene	< 25	ug/kg	22	70	1	GRO95/8021		10/20/2014	CJR	I
Toluene	< 25	ug/kg	8.4	27	1	GRO95/8021		10/20/2014	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	10	33	1	GRO95/8021		10/20/2014	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	9.3	30	1	GRO95/8021		10/20/2014	CJR	1
m&p-Xylene	< 50	ug/kg	16	50	1	GRO95/8021		10/20/2014	CJR	1
o-Xylene	< 25	ug/kg	10	32	1	GRO95/8021		10/20/2014	CJR	1

Project Name DAVE'S GAS STATION

Project #

Lab Code

5027888B

Sample ID G-1-1 **Sample Matrix** Soil

Sample Date 10/13/2014

Sample Date	10/13/2014	Result	Unit	LOD	LOQ D	il	Method	Ext Date	Run Date	Analyst	Code
General					_					·	
General											
Solids Percent		90.5	%			I	5021		10/17/2014	RKM	1
Inorganic											
Metals											
Lead, Total		22.3	mg/Kg	0.3	0.96	I	6010B		10/29/2014	CWT	1
Organic											
PVOC + Naph	thalene										
Benzene		< 250	ug/kg	79	250	10	GRO95/8021		10/21/2014	CJR	1
Ethylbenzene		400	ug/kg	77	250	10			10/21/2014	CJR	1
Methyl tert-butyl et	ther (MTBE)	< 250	ug/kg	81	260	10			10/21/2014	CJR	1
Naphthalene		2330 < 250	ug/kg	220	700 270	10			10/21/2014	CJR CJR	l ,
Toluene 1,2,4-Trimethylben	zene	69000	ug/kg ug/kg	84 100	330	10 10			10/21/2014 10/21/2014	CJR CJR	1
1,3,5-Trimethylben		35000	ug/kg ug/kg	93	300	10			10/21/2014	CJR	İ
m&p-Xylene		8600	ug/kg	160	500	10	GRO95/8021		10/21/2014	CJR	1
o-Xylene		6200	ug/kg	100	320	10	GRO95/8021		10/21/2014	CJR	1
Lab Code Sample ID Sample Matrix Sample Date	5027888C G-1-2 Soil 10/13/2014										
		Result	Unit	LOD I	LOQ D	il	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent		88.1	%			1	5021		10/17/2014	RKM	1
Organic											
PVOC + Napht	thalene										
Benzene		13100	ug/kg	79 .	250	10	GRO95/8021		10/21/2014	CJR	1
Ethylbenzene	to-(MTDE)	69000 < 250	ug/kg	77 81	250 260	10	GRO95/8021 GRO95/8021		10/21/2014	CJR CJR	1
Methyl tert-butyl etl Naphthalene	ner (MIBE)	22100	ug/kg ug/kg	220	700	10	GRO95/8021		10/21/2014 10/21/2014	CJR	ı İ
Toluene		91000	ug/kg	84	270	10	GRO95/8021		10/21/2014	CJR	1
1,2,4-Trimethylbenz	zene	161000	ug/kg	100	330	10	GRO95/8021		10/21/2014	CJR	1
1,3,5-Trimethylbenz	zene	57000	ug/kg	93	300	10	GRO95/8021		10/21/2014	CJR	l
m&p-Xylene		265000	ug/kg	160	500	10 10	GRO95/8021		10/21/2014	CJR	1
o-Xylene		95000	ug/kg	100	320	10	GRO95/8021		10/21/2014	CJR	1

Lab Code

5027888D

Sample ID

G-2-1

Sample 1D	G-2-1										
Sample Matrix	Soil										
Sample Date	10/13/2014										
•		Result	Unit	LOD LO	OO Dil		Method	Ext Date	Run Date	Analyst	Code
General		2100 1111	U		J & 2		1,1011104	Zitt Dutt	rtun zutt	2 111111 3 5 0	Couc
General			•								
Solids Percent		93.1	%			1	5021		10/20/2014	RKM	1
Inorganic											
Metals											
Lead, Total		13.9	mg/Kg	0.3	0.96	I	6010B		10/29/2014	CWT	1
Organic											
PVOC + Naph	thalene									•	
Benzene		46	ug/kg	7.9	25	I	GRO95/8021		10/24/2014	CJR	1
Ethylbenzene		87	ug/kg	7.7		l	GRO95/8021		10/24/2014	CJR	i
Methyl tert-butyl et	her (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		10/24/2014	CJR	1
Naphthalene		221	ug/kg	22	70	1	GRO95/8021		10/24/2014	CJR	1
Toluene		237	ug/kg	8.4	27	I	GRO95/8021		10/24/2014	CJR	1
1,2,4-Trimethylben		253	ug/kg	10	33	1	GRO95/8021		10/24/2014	CJR	1
1,3,5-Trimethylben	zene	107	ug/kg	9.3		1	GRO95/8021	*	10/24/2014	CJR	1
m&p-Xylene		400	ug/kg	16		1	GRO95/8021		10/24/2014	CJR	1
o-Xylene		218	ug/kg	10	32	Ì	GRO95/8021		10/24/2014	CJR	1
Lab Code	5027888E										
Sample ID	G-2-2										
Sample Matrix											
Sample Date	10/13/2014		¥ + .						. .		~ ,
		Result	Unit	rod ro	OQ Dil		Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent		87.3	%			1	5021		10/20/2014	RKM	1
Organic											
PVOC + Napht	halene										
Benzene		380	ug/kg	7.9	25	1	GRO95/8021		10/21/2014	CJR	1
Ethylbenzene		380	ug/kg	7.7	25	1	GRO95/8021		10/21/2014	CJR	1
Methyl tert-butyl etl	ner (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		10/21/2014	CJR	1
Naphthalene		460	ug/kg	22		1	GRO95/8021		10/21/2014	CJR	i
Toluene		254	ug/kg	8.4		1	GRO95/8021		10/21/2014	CJR	1
1,2,4-Trimethylbenz		3700	ug/kg	10	33	I	GRO95/8021		10/21/2014	CJR	1
1,3,5-Trimethylbenz	ene	1850	ug/kg	9.3		1	GRO95/8021		10/21/2014	CJR	I
m&p-Xylene		1110	ug/kg	16		l	GRO95/8021		10/21/2014	CJR	1
o-Xylene		370	ug/kg	10	32	Ł	GRO95/8021		10/21/2014	CJR	1

Project Name DAVE'S GAS STATION
Project #

Lab Code 5027888F
Sample ID G-3-1
Sample Matrix Soil
Sample Date 10/13/2014
Result
General

•	Result	Unit	LOD L	oq D	il	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	89.7	%			1	5021		10/20/2014	RKM	1
Inorganic										
Metals										
Lead, Total	1.64	mg/Kg	0.3	0.96	1	6010B		10/29/2014	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 25	ug/kg	7.9	25	1	GRO95/8021		10/22/2014	CJR	1
Ethylbenzene	< 25	ug/kg	7.7	25	I	GRO95/8021		10/22/2014	CJR	l
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		10/22/2014	CJR	1
Naphthalene	< 25	ug/kg	. 22	70	I	GRO95/8021		10/22/2014	CJR	i
Toluene	< 25	ug/kg	8.4	27	1	GRO95/8021		10/22/2014	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	10	33	1	GRO95/8021		10/22/2014	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	9.3	30	1	GRO95/8021		10/22/2014	CJR	1
m&p-Xylene	< 50	ug/kg	16	50	1	GRO95/8021		10/22/2014	CJR	1
o-Xylene	< 25	ug/kg	10	32	1	GRO95/8021		10/22/2014	CJR	I

Lab Code 5027888G Sample ID G-3-2 Sample Matrix Soil Sample Date 10/13/2014

Sample Date	10/13/2014	1									
		Result	Unit	LOD L	OQ D	il	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent		88.4	%			1	5021		10/20/2014	RKM	1
Organic											
PVOC + Napl	nthalene										
Benzene		< 25	ug/kg	7.9	25	1	GRO95/8021		10/22/2014	CJR	1
Ethylbenzene		< 25	ug/kg	7.7	25	1	GRO95/8021		10/22/2014	CJR	l
Methyl tert-butyl e	ther (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		10/22/2014	CJR	1
Naphthalene		38 "J"	ug/kg	22	70	i	GRO95/8021		10/22/2014	CJR	I
Toluene		< 25	ug/kg	8.4	27	1	GRO95/8021		10/22/2014	CJR	1
1,2,4-Trimethylber	nzene	168	ug/kg	10	33	1	GRO95/8021		10/22/2014	CJR	1
1,3,5-Trimethylber	nzene	30.2	ug/kg	9.3	30	1	GRO95/8021		10/22/2014	CJR	1
m&p-Xylene		< 50	ug/kg	16	50	I	GRO95/8021		10/22/2014	CJR	1
o-Xylene		< 25	ug/kg	10	32	1	GRO95/8021		10/22/2014	CJR	1

Project Name DAVE'S GAS STATION **Project** #

Lab Code 5027888H Sample ID G-6-1 Sample Matrix Soil

Sample Date 10/13/2014

	Result	Unit	LOD L	oo n	il	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	92.6	%			1	5021		10/20/2014	RKM	I
Inorganic										
Metals										
Lead, Total	1.87	mg/Kg	0.3	0.96	1	6010B		10/29/2014	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 25	ug/kg	7.9	25	1	GRO95/8021		10/22/2014	CJR	1
Ethylbenzene	< 25	ug/kg	7.7	25	i	GRO95/8021		10/22/2014	CJR	i
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		10/22/2014	CJR	l
Naphthalene	< 25	ug/kg	22	70	1	GRO95/8021		10/22/2014	CJR	1
Toluene	< 25	ug/kg	8.4	27	1	GRO95/8021		10/22/2014	CJR	i
1,2,4-Trimethylbenzene	< 25	ug/kg	10	33	1	GRO95/8021		10/22/2014	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	9.3	30	1	GRO95/8021		10/22/2014	CJR	1
m&p-Xylene	< 50	ug/kg	16	50	I	GRO95/8021		10/22/2014	CJR	1
o-Xylene	< 25	ug/kg	10	32	1	GRO95/8021		10/22/2014	CJR	1

Lab Code5027888ISample IDG-6-2Sample MatrixSoilSample Date10/13/2014

Sample Date 10/13	0/2014									
	Result	Unit	LOD I	OQ I)il	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.1	%			1	5021		10/20/2014	RKM	i
Organic										
PVOC + Naphthalene	e									
Benzene	39000	ug/kg	790	2500	100	GRO95/8021		10/22/2014	CJR	1
Ethylbenzene	133000	ug/kg	770	2500	100	GRO95/8021		10/22/2014	CJR	1
Methyl tert-butyl ether (MT	BE) < 2500	ug/kg	810	2600	100	GRO95/8021		10/22/2014	CJR	I
Naphthalene	60000	ug/kg	2200	7000	100	GRO95/8021		10/22/2014	CJR	1
Toluene	350000	ug/kg	840	2700	100	GRO95/8021		10/22/2014	CJR	1
1,2,4-Trimethylbenzene	311000	ug/kg	1000	3300	100	GRO95/8021		10/22/2014	CJR	l
1,3,5-Trimethylbenzene	116000	ug/kg	930	3000	100	GRO95/8021		10/22/2014	CJR	1
m&p-Xylene	500000	ug/kg	1600	5000	100	GRO95/8021		10/22/2014	CJR	1
o-Xylene	184000	ug/kg	1000	3200	100	GRO95/8021		10/22/2014	CJR	I

Project Name DAVE'S GAS STATION Invoice # E27888

Project #

Lab Code5027888JSample IDG-12-1Sample MatrixSoil

Sample Date 10/13/2014

	Result	Unit	LOD I	LOQ I)il	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	90.0	%			1	5021		10/20/2014	RKM .	1
Inorganic										
Metals										
Lead, Total	14.3	mg/Kg	0.3	0.96	1	6010B		10/29/2014	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 1250	ug/kg	395	1250	50	GRO95/8021		10/22/2014	CJR	1
Ethylbenzene	< 1250	ug/kg	385	1250	50	GRO95/8021		10/22/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 1250	ug/kg	405	1300	50	GRO95/8021		10/22/2014	CJR	1
Naphthalene	4400	ug/kg	1100	3500	50	GRO95/8021		10/22/2014	CJR	1
Toluene	1580	ug/kg	420	1350	50	GRO95/8021		10/22/2014	CJR	i
1,2,4-Trimethylbenzene	99000	ug/kg	500	1650	50	GRO95/8021		10/22/2014	CJR	1
1,3,5-Trimethylbenzene	41000	ug/kg	465	1500	50	GRO95/8021		10/22/2014	CJR	1
m&p-Xylene	42000	ug/kg	800	2500	50	GRO95/8021		10/22/2014	CJR	1
o-Xylene	21700	ug/kg	500	1600	50	GRO95/8021		10/22/2014	CJR	ł

Project Name DAVE'S GAS STATION

Project #

Lab Code 5027888K Sample ID G-12-2 Sample Matrix Soil Sample Date 10/13/2014

Sample Date Ext Date Run Date Analyst Code Unit LOD LOO Dil Method Result General General 10/20/2014 **RKM** ļ 5021 % 87.0 Solids Percent Inorganic Metals 10/29/2014 **CWT** I 0.3 0.96 6010B 3.63 mg/Kg Lead, Total Organic VOC's CJR 460 1450 50 8260B 10/21/2014 5600 ug/kg Benzene CJR 8260B 10/21/2014 < 650 ug/kg 650 2000 50 Bromobenzene 10/21/2014 CJR 4250 50 8260B Bromodichloromethane < 1350 ug/kg 1350 4750 50 8260B 10/21/2014 CJR < 1500 ug/kg 1500 Bromoform 50 10/21/2014 CJR 3200 8260B tert-Butvlbenzene < 1000 ug/kg 1000 CJR 6600 50 8260B 10/21/2014 ug/kg 2050 4000 "J' sec-Butylbenzene CJR 4100 50 8260B 10/21/2014 23900 ug/kg 1300 n-Butylbenzene 10/21/2014 CJR ug/kg 3950 50 8260B < 1250 1250 Carbon Tetrachloride CJR 8260B 10/21/2014 2600 50 < 800 ug/kg 800 Chlorobenzene CJR ug/kg 2100 6650 50 8260B 10/21/2014 < 2100 Chloroethane 10/21/2014 CJR 8260B 7850 50 Chloroform < 2450 ug/kg 2450 CJR 12250 39000 50 8260B 10/21/2014 < 12250 ug/kg Chloromethane 10/21/2014 2600 50 8260B CJR 800 2-Chlorotoluene < 800 ug/kg CJR 10/21/2014 700 2150 50 8260B < 700 ug/kg 4-Chlorotoluene 10/21/2014 CJR 7700 50 8260B 2400 < 2400 ug/kg 1,2-Dibromo-3-chloropropane CJR 8260B 10/21/2014 < 700 ug/kg 700 2250 50 Dibromochloromethane 8260B 10/21/2014 CJR 5150 50 ug/kg 1650 1,4-Dichlorobenzene < 1650 10/21/2014 CJR 8260B < 1500 ug/kg 1500 4750 50 1.3-Dichlorobenzene < 1900 ug/kg 1900 6100 50 8260B 10/21/2014 CJR 1,2-Dichlorobenzene 8260B 10/21/2014 CJR 9100 50 Dichlorodifluoromethane < 2850 ug/kg 2850 CJR ug/kg 1800 5700 50 8260B 10/21/2014 < 1800 1,2-Dichloroethane CJR 50 8260B 10/21/2014 3000 < 950 ug/kg 950 1,1-Dichloroethane 10/21/2014 CJR < 1050 ug/kg 1050 3300 50 8260B 1,1-Dichloroethene 8260B 10/21/2014 CJR 3850 50 1200 < 1200 ug/kg cis-1.2-Dichloroethene CJR ug/kg 1450 4650 50 8260B 10/21/2014 1 < 1450 trans-1,2-Dichloroethene 1500 8260B 10/21/2014 CJR 475 50 < 475 1,2-Dichloropropane ug/kg 8 CJR 10/21/2014 2300 7400 50 8260B < 2300 ug/kg 2,2-Dichloropropane 1050 3400 50 8260B 10/21/2014 CJR < 1050 ug/kg 1,3-Dichloropropane CJR 10/21/2014 1 50 8260B 550 1700 Di-isopropyl ether < 550 ug/kg 10/21/2014 CJR 1000 3200 50 8260B < 1000 ug/kg EDB (1,2-Dibromoethane) 10/21/2014 CJR 50 8260B 89000 ug/kg 500 1650 Ethylbenzene CJR 8260B 10/21/2014 3 < 4750 ug/kg 4750 15200 50 Hexachlorobutadiene 8260B 10/21/2014 CJR 4000 50 9900 ug/kg 1250 Isopropylbenzene CJR 2770 "J" 1550 4900 50 8260B 10/21/2014 ug/kg p-Isopropyltoluene 8260B 10/21/2014 CJR 11050 35200 50 < 11050 ug/kg Methylene chloride CJR 4800 50 8260B 10/21/2014 ug/kg 1500 Methyl tert-butyl ether (MTBE) < 1500 5700 18150 50 8260B 10/21/2014 CJR 42000 ug/kg Naphthalene 10/21/2014 CJR ug/kg 1200 3750 50 8260B 1 n-Propylbenzene 42000 CJR 10/21/2014 600 1900 50 8260B < 600 ug/kg 1.1.2.2-Tetrachloroethane CJR 1150 3700 50 8260B 10/21/2014 1 ug/kg < 1150 1,1,1,2-Tetrachloroethane 10/21/2014 CJR 8260B 2450 7850 50 Tetrachloroethene < 2450 ug/kg 10/21/2014 CJR 1 1000 3250 50 8260B 88000 ug/kg Toluene 10/21/2014 CJR 2 ug/kg 3950 12550 50 8260B < 3950 1,2,4-Trichlorobenzene 10/21/2014 CIR 1 ug/kg 6450 20550 50 8260B < 6450 1,2,3-Trichlorobenzene 10/21/2014 CJR 8260B 1900 6000 50 < 1900 ug/kg 1.1.1-Trichloroethane 10/21/2014 1150 3700 50 8260B CJR 1 < 1150 ug/kg 1,1,2-Trichloroethane CJR 50 8260B 10/21/2014 ug/kg 1400 4400 Trichloroethene (TCE) < 1400 CIR ug/kg 4300 13650 50 8260B 10/21/2014 1 < 4300 Trichlorofluoromethane 10/21/2014 CJR 4050 50 8260B 1300 1,2,4-Trimethylbenzene 276000 ug/kg

Project Name Project #	DAVE'S GAS	S STATION					Invoid	ce# E2788	38		
Lab Code Sample ID Sample Matrix Sample Date	5027888K G-12-2 Soil 10/13/2014										
1,3,5-Trimethylbe Vinyl Chloride m&p-Xylene o-Xylene SUR - Dibromofli SUR - Toluene-d8 SUR - 4-Bromofli SUR - 1,2-Dichlo	enzene noromethane B norobenzene	Result 81000 < 1050 370000 114000 92 106 120 96	Unit ug/kg ug/kg ug/kg ug/kg Rec % Rec % Rec % Rec %	1300 1050 3400 1550	OQ D 4200 3300 10800 4900	50 50 50 50 50 50 50 50	Method 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B	Ext Date	Run Date 10/21/2014 10/21/2014 10/21/2014 10/21/2014 10/21/2014 10/21/2014 10/21/2014	Analyst CJR CJR CJR CJR CJR CJR CJR CJR CJR CJR	Code
Lab Code Sample ID Sample Matrix Sample Date	5027888L G-13-1 Soil 10/13/2014	Result	Unit	LOD L	00 D	il	Method	Ext Date	Run Date	Analyst	Code
General		Result	Onit	LOD L	OQ D	11	Method	DAI Daic	Run Dute	1 may 50	0040
General Solids Percent Inorganic Metals		95.2	%			1	5021		10/20/2014	RKM	1
Lead, Total Organic		3.13	ıng/Kg	0.3	0.96	l	6010B		10/29/2014	CWT	Ī
PVOC + Nap Benzene Ethylbenzene Methyl tert-butyl Naphthalene Toluene 1,2,4-Trimethylbe 1,3,5-Trimethylbe m&p-Xylene o-Xylene	ether (MTBE) nzene	<25 <25 <25 26.3 "J" 39 25.2 "J" <25 <50 30.7 "J"	ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg	7.9 7.7 8.1 22 8.4 10 9.3 16	25 25 26 70 27 33 30 50 32	1 1 1 1 1 1	GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021		10/22/2014 10/22/2014 10/22/2014 10/22/2014 10/22/2014 10/22/2014 10/22/2014 10/22/2014 10/22/2014	CJR CJR CJR CJR CJR CJR CJR CJR CJR CJR	
Lab Code Sample ID Sample Matrix Sample Date	5027888M G-13-2 Soil 10/13/2014										
		Result	Unit	LOD L	OQ D	il	Method	Ext Date	Run Date	Analyst	Code
General General Solids Percent Organic		91.3	%			I	5021		10/20/2014	RKM	ı
PVOC + Nap Benzene Ethylbenzene Methyl tert-butyl Naphthalene Toluene 1,2,4-Trimethylbe 1,3,5-Trimethylbe m&p-Xylene o-Xylene	ether (MTBE) nzene	28.6 126 < 25 45 "J" 63 211 82 370 133	ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg	7.9 7.7 8.1 22 8.4 10 9.3 16	25 25 26 70 27 33 30 50 32	1 1 1 1 1 1	GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021		10/24/2014 10/24/2014 10/24/2014 10/24/2014 10/24/2014 10/24/2014 10/24/2014 10/24/2014	CJR CJR CJR CJR CJR CJR CJR CJR CJR CJR	! ! ! ! ! ! !

Project Name DAVE'S GAS STATION
Project #
Lab Code 5027888N

Lab Code 5027888N Sample ID G-14-1 Sample Matrix Soil Sample Date 10/13/2014

Sumple Succession 10/10/2012	Result	Unit	LOD L	oq d	il	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	90.5	%			1	5021		10/20/2014	RKM	1
Inorganic										
Metals										
Lead, Total	27.2	mg/Kg	0.3	0.96	I	6010B		10/29/2014	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 25	ug/kg	7.9	25	1	GRO95/8021		10/23/2014	CJR	1
Ethylbenzene	< 25	ug/kg	7.7	25	1	GRO95/8021		10/23/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	I	GRO95/8021		10/23/2014	CJR	1
Naphthalene	< 25	ug/kg	22	70	1	GRO95/8021		10/23/2014	CJR	1
Toluene	< 25	ug/kg	8.4	27	I	GRO95/8021		10/23/2014	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	10	33	1	GRO95/8021		10/23/2014	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	9.3	30	[GRO95/8021		10/23/2014	CJR	1
m&p-Xylene	< 50	ug/kg	16	50	1	GRO95/8021		10/23/2014	CJR	Ī
o-Xylene	< 25	ug/kg	10	32	I	GRO95/8021		10/23/2014	CJR	1
Lab Code 50278880										

 Lab Code
 5027888O

 Sample ID
 G-14-2

 Sample Matrix
 Soil

 Sample Date
 10/13/2014

Sample Date	10/13/2014											
		Result	Unit	LOD	LOQ	Dil		Method	Ext Date	Run Date	Analyst	Code
General												
General												
Solids Percent		78.7	%				1	5021		10/20/2014	RKM	1
Organic												
PVOC + Naph	thalene											
Benzene		< 25	ug/kg	7.9	2	5	l	GRO95/8021		10/23/2014	CJR	l
Ethylbenzene		< 25	ug/kg	7.7	2	5	1	GRO95/8021		10/23/2014	CJR	1
Methyl tert-butyl e	ther (MTBE)	< 25	ug/kg	8.1	2	6	1	GRO95/8021		10/23/2014	CJR	1
Naphthalene	,	< 25	ug/kg	22	? 7	0	l	GRO95/8021		10/23/2014	CJR	I
Toluene		< 25	ug/kg	8.4	2	7	l	GRO95/8021		10/23/2014	CJR	1
1,2,4-Trimethylben	zene	< 25	ug/kg	10) 3	3	1	GRO95/8021		10/23/2014	CJR	1
1.3.5-Trimethylben		< 25	ug/kg	9.3	3	0	i	GRO95/8021		10/23/2014	CJR	1
m&p-Xylene		< 50	ug/kg	16	5 5	0	1	GRO95/8021		10/23/2014	CJR	1
o-Xylene		< 25	ug/kg	10) 3	2	I	GRO95/8021		10/23/2014	CJR	I

Project Name DAVE'S GAS STATION **Project** #

Lab Code5027888PSample IDG-15-1Sample MatrixSoilSample Date10/13/2014

k	Result	Unit	LOD L	OQ D	il	Method	Ext Date	Run Date	Analyst	Code
General				-					•	
General										
Solids Percent	89.0	%			1	5021		10/20/2014	RKM	1
Inorganic	·									
Metals										
Lead, Total	83.8	mg/Kg	0.3	0.96	1	6010B		10/29/2014	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 25	ug/kg	7.9	25	- 1	GRO95/8021		10/23/2014	CJR	I
Ethylbenzene	< 25	ug/kg	7.7	25	1	GRO95/8021		10/23/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		10/23/2014	CJR	1
Naphthalene	44 "J"	ug/kg	22	70	1	GRO95/8021		10/23/2014	CJR	I
Toluene	36	ug/kg	8.4	27	I	GRO95/8021		10/23/2014	CJR	1
1,2,4-Trimethylbenzene	43	ug/kg	10	33	1	GRO95/8021		10/23/2014	CJR	ı
1,3,5-Trimethylbenzene	< 25	ug/kg	9.3	30	1	GRO95/8021		10/23/2014	CJR	1.
m&p-Xylene	57	ug/kg	16	50	1	GRO95/8021		10/23/2014	CJR	l
o-Xylene	41	ug/kg	10	32	1	GRO95/8021		10/23/2014	CJR	1

Lab Code 5027888Q Sample ID G-15-2 Sample Matrix Soil Sample Date 10/13/2014

•	Result	Unit	LOD L	oq d	il	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.7	%			ł	5021		10/20/2014	RKM	1
Organic										
PVOC + Naphthalene										
Benzene	< 25	ug/kg	7.9	25	1	GRO95/8021		10/23/2014	CJR	1
Ethylbenzene	< 25	ug/kg	7.7	25	1	GRO95/8021		10/23/2014	CJR	l
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	l	GRO95/8021		10/23/2014	CJR	1
Naphthalene	36 "J"	ug/kg	22	70	1	GRO95/8021		10/23/2014	CJR	1
Toluene	32	ug/kg	8.4	27	1	GRO95/8021		10/23/2014	CJR	1
1,2,4-Trimethylbenzene	27.2 "J"	ug/kg	10	33	1	GRO95/8021		10/23/2014	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	9.3	30	1	GRO95/8021		10/23/2014	CJR	1
m&p-Xylene	< 50	ug/kg	16	50	1	GRO95/8021		10/23/2014	CJR	l
o-Xylene	26 "J"	ug/kg	10	32	1	GRO95/8021		10/23/2014	CJR	1

Project Name DAVE'S GAS STATION Invoice # E27888

Project #

Lab Code5027888RSample IDG-16-1Sample MatrixSoil

Sample Date 10/13/2014

	Result	Unit	LOD I	OQ D	il	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	91.6	%			1	5021		10/20/2014	RKM	1
Inorganic										
Metals										
Lead, Total	13.8	mg/Kg	0.3	0.96	I	6010B		10/29/2014	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	420	ug/kg	79	250	10	GRO95/8021		10/22/2014	CJR	!
Ethylbenzene	410	ug/kg	77	250	10	GRO95/8021		10/22/2014	CJR	I
Methyl tert-butyl ether (MTBE)	< 250	ug/kg	81	260	10	GRO95/8021		10/22/2014	CJR	1
Naphthalene	1360	ug/kg	220	700	10	GRO95/8021		10/22/2014	CJR	1
Toluene	390	ug/kg	84	270	10	GRO95/8021		10/22/2014	CJR	l
1,2,4-Trimethylbenzene	12000	ug/kg	100	330	10	GRO95/8021		10/22/2014	CJR	1
1,3,5-Trimethylbenzene	10300	ug/kg	93	300	10	GRO95/8021		10/22/2014	CJR	1
m&p-Xylene	5200	ug/kg	160	500	10	GRO95/8021		10/22/2014	CJR	1
o-Xylene	2010	ug/kg	100	320	10	GRO95/8021		10/22/2014	CJR	1

Lab Code 5027888S Sample ID G-16-2 Sample Matrix Soil

Sample Date 10/13/2014

-	Result	Unit	LOD LOQ Dil M		Method	Ext Date	Run Date	Analyst	Code	
General										
General										
Solids Percent	87.7	%			I	5021		10/20/2014	RKM	1
Organic										
PVOC + Naphthalene										
Benzene	7100	ug/kg	79	250	10	GRO95/8021		10/23/2014	CJR	I
Ethylbenzene	57000	ug/kg	77	250	10	GRO95/8021		10/23/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 250	ug/kg	81	260	10	GRO95/8021		10/23/2014	CJR	1
Naphthalene	18700	ug/kg	220	700	10	GRO95/8021		10/23/2014	CJR	I
Toluene	25600	ug/kg	84	270	10	GRO95/8021		10/23/2014	CJR	1
1,2,4-Trimethylbenzene	155000	ug/kg	100	330	10	GRO95/8021		10/23/2014	CJR	1
1,3,5-Trimethylbenzene	57000	ug/kg	93	300	10	GRO95/8021		10/23/2014	CJR	1
m&p-Xylene	183000	ug/kg	160	500	10	GRO95/8021		10/23/2014	CJR	1
o-Xylene	48000	ug/kg	100	320	10	GRO95/8021		10/23/2014	CJR	1

Lab Code 5027888T Sample ID TRIP BLANK Sample Matrix Water Sample Date 10/13/2014 Ext Date Run Date Analyst Code LOD LOQ Dil Method Result Unit Organic PVOC + Naphthalene 0.77 8260B 10/17/2014 CJR < 0.24 ug/i 0.24 Benzene 8260B 10/17/2014 CJR 1 1 Ethylbenzene < 0.55 ug/l 0.55 1.7 < 0.23 ug/l 0.23 0.74 1 8260B 10/17/2014 CJR Methyl tert-butyl ether (MTBE) 10/17/2014 CJR 8260B < 1.7 ug/l 1.7 5.5 I Naphthalene < 0.69 ug/l 0.69 2.2 8260B 10/17/2014 CJR Toluene 10/17/2014 CJR 8260B 2.2 < 2.2 ug/l 6.9 1 1,2,4-Trimethylbenzene < 14 ug/l 1.4 4.5 8260B 10/17/2014 CJR 1,3,5-Trimethylbenzene 10/17/2014 CJR 1 8260B 0.69 < 0.69 ug/l 2.2 1 m&p-Xylene 8260B 10/17/2014 CJR < 0.63 ug/l 0.63 o-Xylene Lab Code 5027888U G-1-W Sample ID Sample Matrix Water 10/13/2014 Sample Date Unit LOD LOQ Dil Method Ext Date Run Date Analyst Code Result Organic PVOC + Naphthalene 10/21/2014 CJR 1 77 100 8260B 1240 24 ug/l Benzene 10/21/2014 CJR 100 8260B 1 1100 ug/l 55 170 Ethylbenzene 10/21/2014 CJR 23 74 100 8260B < 23 Methyl tert-butyl ether (MTBE) ug/l 10/21/2014 CJR 100 8260B 370 "J" ug/l 170 550 1 Naphthalene 69 220 100 8260B 10/21/2014 CJR 5400 ug/l Toluene 100 8260B 10/21/2014 CJR I 1490 ug/l 220 690 1,2,4-Trimethylbenzene 140 450 100 8260B 10/21/2014 CJR l 1,3,5-Trimethylbenzene 520 ug/l 10/21/2014 CJR 100 8260B 1 5200 ug/l 69 220 m&p-Xylene ug/l 63 200 100 8260B 10/21/2014 CJR 2020 o-Xylene 5027888V Lab Code G-2-W Sample ID Sample Matrix Water 10/13/2014 Sample Date Unit LOD LOQ Dil Method Ext Date Run Date Analyst Code Result Organic PVOC + Naphthalene ug/l 0.77 8260B 10/17/2014 CJR 1 0.24 Benzene 1.84 8260B 10/17/2014 CJR I Ethylbenzene 8.6 ug/l 0.55 1.7 1 < 0.23 0.74 8260B 10/17/2014 CJR I Methyl tert-butyl ether (MTBE) 0.23 ug/l 8260B 10/17/2014 CJR 1 4.3 "J" 1.7 5.5 Naphthalene ug/l CJR 8.7 0.69 2.2 8260B 10/17/2014 1 ug/l Toluene 10/17/2014 6.9 8260B CJR I 2.2 1,2,4-Trimethylbenzene 31.4 ug/l

DAVE'S GAS STATION

11.8

13.7

40

1,3,5-Trimethylbenzene

m&p-Xylene

o-Xylene

ug/l

ug/l

ug/l

1.4

0.69

0.63

4.5

2.2

8260B

8260B

8260B

Project Name
Project #

CIR

CJR

CJR

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10/17/2014

10/17/2014

10/17/2014

Project Name DAVE'S GA	S STATION			Invoice # E27	7888	
Project # Lab Code 5027888W Sample ID G-3-W Sample Matrix Water Sample Date 10/13/2014		Unit	LOD LOQ Dil	Method Ext Da	te Run Date Analyst	Code
Organic PVOC + Naphthalene Benzene Ethylbenzene Methyl tert-butyl ether (MTBE) Naphthalene Toluene 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene m&p-Xylene o-Xylene	< 0.24 2.58 < 0.23 < 1.7 0.91 "J" 6.8 "J" 1.71 "J" 6.9 2.11	ug/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l	0.24 0.77 I 0.55 I.7 I 0.23 0.74 I 1.7 5.5 I 0.69 2.2 I 2.2 6.9 I 1.4 4.5 I 0.69 2.2 I 0.63 2 I	8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B	10/17/2014 CJR 10/17/2014 CJR 10/17/2014 CJR 10/17/2014 CJR 10/17/2014 CJR 10/17/2014 CJR 10/17/2014 CJR 10/17/2014 CJR 10/17/2014 CJR	
Lab Code 5027888X Sample ID G-4-W Sample Matrix Water Sample Date 10/13/2014	Result	Unit	LOD LOQ Dil	Method Ext Da	te Run Date Analyst	Code
Organic PVOC + Naphthalene Benzene Ethylbenzene Methyl tert-butyl ether (MTBE) Naphthalene Toluene 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene m&p-Xylene o-Xylene	0.50 "J" 1.94 < 0.23 < 1.7 1.64 "J" 3.08 "J" < 1.4 6.3 3.15	ug/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l	0.24 0.77 1 0.55 1.7 1 0.23 0.74 1 1.7 5.5 1 0.69 2.2 1 2.2 6.9 1 1.4 4.5 1 0.69 2.2 1 0.63 2 1	8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B	10/17/2014 CJR 10/17/2014 CJR 10/17/2014 CJR 10/17/2014 CJR 10/17/2014 CJR 10/17/2014 CJR 10/17/2014 CJR 10/17/2014 CJR 10/17/2014 CJR	! ! ! ! ! !
Lab Code 5027888Y Sample ID G-5-W Sample Matrix Water Sample Date 10/13/2014	Result	Unit	LOD LOQ Dil	Method Ext Da	te Run Date Analyst	Code
Organic PVOC + Naphthalene Benzene Ethylbenzene Methyl tert-butyl ether (MTBE) Naphthalene Toluene 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene m&p-Xylene o-Xylene	< 0.24 2.41	ug/l ug/l ug/l ug/l ug/l ug/l ug/l	0.24 0.77 1 0.55 1.7 1 0.23 0.74 1 1.7 5.5 1 0.69 2.2 1 2.2 6.9 1 1.4 4.5 1 0.69 2.2 1 0.69 2.2 1	8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B	10/17/2014 CJR 10/17/2014 CJR 10/17/2014 CJR 10/17/2014 CJR 10/17/2014 CJR 10/17/2014 CJR 10/17/2014 CJR 10/17/2014 CJR 10/17/2014 CJR	! ! ! ! !

Project Name DAVE Project #	'S GAS STATION			Invo	oice # E2788	8	
Lab Code 5027 Sample ID G-6-V Sample Matrix Wate Sample Date 10/13	V	Unit	LOD LOQ Di	l Method	Ext Date	Run Date Analyst	Code
Organic PVOC + Naphthalend Benzene Ethylbenzene Methyl tert-butyl ether (MT Naphthalene Toluene 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene m&p-Xylene o-Xylene	e 4400 1490	ug/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l	27 85 82 260 37 120 120 380 80 260 83 260 86 270 160 520	100 GRO95/8021 100 GRO95/8021 100 GRO95/8021 100 GRO95/8021 100 GRO95/8021 100 GRO95/8021 100 GRO95/8021 100 GRO95/8021 100 GRO95/8021	,	10/22/2014 CJR 10/22/2014 CJR 10/22/2014 CJR 10/22/2014 CJR 10/22/2014 CJR 10/22/2014 CJR 10/22/2014 CJR 10/22/2014 CJR 10/22/2014 CJR 10/22/2014 CJR	1 1 1 1 1 1
Sample ID G-7-V Sample Matrix Wate		Unit	LOD LOQ Di	l Method	Ext Date	Run Date Analyst	Code
Organic PVOC + Naphthalene Benzene Ethylbenzene Methyl tert-butyl ether (M7 Naphthalene Toluene 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene m&p-Xylene o-Xylene	0.35 "J" 2.67	ug/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l	0.24 0.77 0.55 1.7 0.23 0.74 1.7 5.5 0.69 2.2 2.2 6.9 1.4 4.5 0.69 2.2 0.63 2	1 8260B 1 8260B 1 8260B 1 8260B 1 8260B 1 8260B 1 8260B 1 8260B 1 8260B		10/20/2014 CJR 10/20/2014 CJR 10/20/2014 CJR 10/20/2014 CJR 10/20/2014 CJR 10/20/2014 CJR 10/20/2014 CJR 10/20/2014 CJR 10/20/2014 CJR 10/20/2014 CJR	1 1 1 1 1 1
Lab Code 52788 Sample ID G-8-V Sample Matrix Wate Sample Date 10/13	V	Unit	LOD LOQ Di	l Method	Ext Date	Run Date Analyst	Code
Organic PVOC + Naphthalene Benzene Ethylbenzene Methyl tert-butyl ether (MT Naphthalene Toluene 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene m&p-Xylene o-Xylene	< 0.24 < 0.55	ug/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l	0.24 0.77 0.55 1.7 0.23 0.74 1.7 5.5 0.69 2.2 2.2 6.9 1.4 4.5 0.69 2.2 0.63 2	1 8260B 1 8260B 1 8260B 1 8260B 1 8260B 1 8260B 1 8260B 1 8260B		10/20/2014 CJR 10/20/2014 CJR 10/20/2014 CJR 10/20/2014 CJR 10/20/2014 CJR 10/20/2014 CJR 10/20/2014 CJR 10/20/2014 CJR 10/20/2014 CJR 10/20/2014 CJR	1 1 1 1 1 1

Project Name Project #	DAVE'S GA	S STATION				Invoi	ice # E2788	88		
Lab Code Sample ID Sample Matrix Sample Date	527888CC G-9-W Water 10/13/2014	Result	Unit	LOD L	.OQ Dil	Method	Ext Date	Run Date	Analyst	Code
Organic PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl et Naphthalene Toluene 1,2,4-Trimethylben m&p-Xylene o-Xylene	ther (MTBE) zene	< 0.24 < 0.55 < 0.23 < 1.7 < 0.69 < 2.2 < 1.4 2.05 "J" 1.02 "J"	ug/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l	0.24 0.55 0.23 1.7 0.69 2.2 1.4 0.69 0.63	0.77 l 1.7 l 0.74 l 5.5 l 2.2 l 6.9 l 4.5 l 2.2 l	8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B		10/20/2014 10/20/2014 10/20/2014 10/20/2014 10/20/2014 10/20/2014 10/20/2014 10/20/2014 10/20/2014	CJR CJR CJR CJR CJR CJR CJR CJR CJR CJR	1 1 1 1 1 1
Lab Code Sample ID Sample Matrix Sample Date	527888DD G-10-W Water 10/13/2014		Unit		OQ Dil	Method	Ext Date	Run Date 4	Analyst	Code
Organic PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl et Naphthalene Toluene 1,2,4-Trimethylben 1,3,5-Trimethylben m&p-Xylene o-Xylene	her (MTBE) zene	< 0.24 < 0.55 < 0.23 < 1.7 < 0.69 < 2.2 < 1.4 < 0.69 < 0.63	ug/l ug/l ug/l ug/l ug/l ug/l ug/l	0.24 0.55 0.23 1.7 0.69 2.2 1.4 0.69 0.63	0.77 1.7 0.74 5.5 2.2 1 6.9 1 4.5 1 2.2 1 2 1	8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B	DAT PARC	10/20/2014 10/20/2014 10/20/2014 10/20/2014 10/20/2014 10/20/2014 10/20/2014 10/20/2014 10/20/2014	CJR CJR CJR CJR CJR CJR CJR CJR CJR CJR	
Lab Code Sample ID Sample Matrix Sample Date	527888EE G-11-W Water 10/13/2014	Result	Unit	LOD L	OQ Dil	Method	Ext Date	Run Date /	Analyst	Code
Organic PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl et Naphthalene Toluene 1,2,4-Trimethylben: 1,3,5-Trimethylben: m&p-Xylene o-Xylene	her (MTBE) zene	380 191 < 3.7 62 46 161 43 670 296	ug/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l	2.7 8.2 3.7 12 8 8.3 8.6 16 8.1	8.5 10 26 10 12 10 38 10 26 10 27 10 52 10 26 10	GRO95/802 I GRO95/802 I GRO95/802 I GRO95/802 I GRO95/802 I GRO95/802 I GRO95/802 I		10/21/2014 10/21/2014 10/21/2014 10/21/2014 10/21/2014 10/21/2014 10/21/2014 10/21/2014 10/21/2014	CJR CJR CJR CJR CJR CJR CJR CJR CJR	1 1 1 1 1 1

Project #	DAVESUA	SIMILON					ALL VO	ice n DE ro	,,,		
Lab Code Sample ID Sample Matrix Sample Date	527888FF G-12-W Water 10/13/2014	Result	Unit	LOD	LOQ E	ìil	Method	Ext Date	Run Date	Analyst	Code
Organic		resure	0		· · · ·					·	
PVOC + Naph	thalene										
Benzene	marche	680	ug/l	24	. 77	100	8260B		10/21/2014	CJR	1
Ethylbenzene		810	ug/l	55			8260B		10/21/2014	CJR	l
Methyl tert-butyl et	her (MTBE)	< 23	ug/l	23	74	100	8260B		10/21/2014	CJR	I
Naphthalene		350 "J"	ug/l	170			8260B		10/21/2014	CJR	!
Toluene		3800	ug/l	69			8260B		10/21/2014	CJR	l '
1,2,4-Trimethylben		2680	ug/l	220			8260B		10/21/2014 10/21/2014	CJR CJR	! !
1,3,5-Trimethylben	zene	890	ug/l	140			8260B 8260B		10/21/2014	CJR	i
m&p-Xylene		6300 2570	ug/l ug/l	69 63			8260B		10/21/2014	CJR	l
o-Xylene		2370	ugri	03	200	100	0200D		10/21/2011	03.1	·
Lab Code Sample ID Sample Matrix Sample Date	527888GG G-13-W Water 10/13/2014								D D (C. I.
		Result	Unit	LOD	rod D	lil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naph	thalene										
Benzene		77	ug/l	24	77		8260B		10/21/2014	CJR	I
Ethylbenzene		910	ug/l	55			8260B		10/21/2014	CJR	ļ
Methyl tert-butyl et	her (MTBE)	< 23	ug/l	23			8260B		10/21/2014	CJR] [
Naphthalene		314 "J"	ug/l	170			8260B 8260B		10/21/2014 10/21/2014	CJR CJR	1 1
Toluene		1030	ug/l	69 220			8260B		10/21/2014	CJR	l
1,2,4-Trimethylben 1,3,5-Trimethylben		1680 480	ug/l ug/l	140			8260B		10/21/2014	CJR	i
m&p-Xylene	zene	3600	ug/l	69			8260B		10/21/2014	CJR	1
o-Xylene		1240	ug/l	63			8260B		10/21/2014	CJR	i
•	£370001111										
Lab Code	527888HH										
Sample ID	G-14-W										
Sample Matrix											
Sample Date	10/13/2014								5 5 .		<i>c</i> ,
		Result	Unit	LOD	LOQ D	il	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naph	thalene										
Benzene		< 0.27	ug/l	0.27		I	GRO95/8021		10/21/2014	CJR	1
Ethylbenzene		1.4 "J"	ug/l	0.82		1	GRO95/8021		10/21/2014	CJR	l '
Methyl tert-butyl et	her (MTBE)	< 0.37	ug/l	0.37		l	GRO95/8021		10/21/2014	CJR CJR	I I
Naphthalene		< 1.2	ug/l	1.2 0.8		1	GRO95/8021 GRO95/8021		10/21/2014 10/21/2014	CJR CJR	i
Toluene	7000	1.21 "J" 3.3	ug/l ug/l	0.83		ı İ	GRO95/8021		10/21/2014	CJR	1
1,2,4-Trimethylben 1,3,5-Trimethylben		3.3 1.21 "J"	ug/i ug/l	0.85		ı	GRO95/8021		10/21/2014	CJR	i
m&p-Xylene	ZCIIC	4.7 "J"	ug/l	1.6		i	GRO95/8021		10/21/2014	CJR	1
o-Xvlene		1.8 "J"	ug/l	0.81		1	GRO95/8021		10/21/2014	CJR	1

Project Name DAVE'S GAS STATION

m&p-Xylene o-Xylene

2.6

0.81

ug/l

1.8 "J"

1 GRO95/8021

DAVE'S GAS STATION Invoice # E27888 **Project Name** Project # Lab Code 527888II Sample ID G-15-W Sample Matrix Water Sample Date 10/13/2014 Result Unit LOD LOQ Dil Method Ext Date Run Date Analyst Code Organic PVOC + Naphthalene < 0.27 GRO95/8021 Benzene 0.27 0.85 10/21/2014 CJR ug/l Ethylbenzene < 0.82 ug/l 0.82 2.6 1 GRO95/8021 10/21/2014 CJR GRO95/8021 Methyl tert-butyl ether (MTBE) < 0.37 0.37 10/21/2014 CJR ug/l 1.2 Naphthalene < 1.2 ug/l 1.2 3.8 GRO95/8021 10/21/2014 CJR < 0.8 8.0 GRO95/8021 10/21/2014 CJR Toluene 2.6 ug/l 1,2,4-Trimethylbenzene 1.03 "J" ug/l 0.83 2.6 GRO95/8021 10/21/2014 CJR 1,3,5-Trimethylbenzene < 0.86 GRO95/8021 0.86 2.7 10/21/2014 CJR ug/l GRO95/8021 m&p-Xylene < 1.6 ug/l 1.6 5.2 10/21/2014 CJR < 0.81 18.0 GRO95/8021 10/21/2014 CJR o-Xylene ug/l 2.6 Lab Code 527888JJ G-16-W Sample ID Sample Matrix Water le

Sample Date	10/13/2014										
		Result	Unit	LOD	LOQ I	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naph	thalene										
Benzene		203	ug/l	24	4 77	100	8260B		10/21/2014	CJR	1
Ethylbenzene		1620	ug/l	5.5	5 170	100	8260B		10/21/2014	CJR	1
Methyl tert-butyl et	ther (MTBE)	< 23	ug/l	23	3 74	100	8260B		10/21/2014	CJR	1
Naphthalene		450 "J"	ug/l	170	550	100	8260B		10/21/2014	CJR	1
Toluene		5200	ug/l	69	220	100	8260B		10/21/2014	CJR	1
1,2,4-Trimethylben	zene	2460	ug/l	220	690	100	8260B		10/21/2014	CJR	1
1,3,5-Trimethylben	zene	900	ug/l	140	450	100	8260B		10/21/2014	CJR	1
m&p-Xylene		6700	ug/l	69	9 220	100	8260B		10/21/2014	CJR	I
o-Xylene		2320	ug/l	63	3 200	100	8260B		10/21/2014	CJR	1

"J" Flag: Analyte detected between LOD and LOQ Code

LOD Limit of Detection

LOQ Limit of Quantitation

00	
1	Laboratory QC within limits.
2	Relative percent difference failed for laboratory spiked samples.
3	The matrix spike not within established limits.
8	Closing calibration standard 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

Comment

Michael Ricker

CHAIN OF STODY RECORD

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iampler: jekjneliure)	1	C			92	0-830-2455	• FAX 920-7	33-0	1631	14			Normal Turn Around							
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Lab (,D,	Sample I.D.	Collection Date Time	Comp Grab	Filtered Y/N	No. of Containers	Sample Type	Preservation	DHO (Mod	GRO (Mod LEAD	150	: I 🚍 I .	PVOC (EPA	2 + S	SULFATE TOTAL SUSPENDED	VOC DW (EPA	VOC (EPA 8260) 8-RCRA METALS		Tagenda de la company		FID
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CHAIN OF STODY RECORD

Lab I D. #

Synergy

Chain # N2 275

Emmiranesontalios

Sample Handling Request

715COMM 140.																							
Project #:						1990 Prospect Ct. • Appleton, WI 54914								Rush Analysis Date Required (Rushes accepted only with prior authorization)									
Sampler: (signature)						92	0-830-2455	• FAX 920-7	'33-	063	1											∖round	
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CHAIN OF STODY RECORD

Cooler seal intact upon receipt: Yes No

Lab I.D.#



Chain # 182 276

Page 3 of 4

Sample	Handling	Reques
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Time: 8:00 Date: 1/1. 1/1.

Account No.: Quote No.:							Son L	TL		111	Con so						le Handi				
Project #:	Project #:			1990 Prospect Ct. • Appleton, WI 54914 920-830-2455 • FAX 920-733-0631					914				(F	Rush	Hus es ac	n Ar cept	nalysis D ted only w	ate Red	quired authoriz	ation)	
Sampler: (signature) Project (Name / Location): Dave's Gas Station									733-0631							(Rushes accepted only with prior authorization) Normal Turn Around					
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Received in Laboratory By:

CHAIN OF STODY RECORD

Quote No.:

Lab I.D. #

Project #:

Account No.:



Chain # N2 276

Environmental Lab, Inc.

Sample Handling Request

Rush Analysis Date Required

Sampler: (signature)	920-830-2455 • FAX 920-733-0631									Normal Turn Around								
Project (Name / Location): Dave's Gas	Station	1	7					is Re	eque	_ sted			***************************************		Other Analysis			
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Lab f.D. Sample I.D. Collection Date Time (0/13 2:50 上下 G-12-W 1 3:10		Y/N Con	o, of Sample Type (Matrix)* 3 GW	Preservation HCI	DRO (Mod DRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	BO8	PVOC (EPA 8021)	SULFA	TOTAL SUSPENDED	VOC DW (EPA 542.2)	8-RCRA METALS			FID	
13:40 14:10 15:6-15-W 4:50 15:6-16-W 4:50										7	ζ (
Comments/Special Instructions (*Specify ground process) Sample Integrity - To be completed by receiving the many many many many many many many many	ng lab.	Orinking Water Orinking Water		r "WW", Soil "S' Time 9:001/14	Dai	G	F3:	ludge eceive			1)		Learning des Annon		Time	r.	Date	
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Synergy Environmental Lab,

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

MATT LECHNER MATT LECHNER PO BOX 86 BLACK RIVER FALLS, WI 54615

Report Date 15-Sep-15

Project Name DAVE'S GAS STATION

Project #

Lab Code 5029579A Sample ID MW-1-1 Sample Matrix Soil

Sample Date	8/28/2015										
•		Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent		91.6	%			i	5021		9/1/2015	MDK	1
Organic											
GRO/PVOC +	Naphthalene	e									
Gasoline Range Or	ganies	360	mg/kg	18	58	10	GRO95/8021		9/11/2015	CJR	!
Benzene	_	0.089	mg/kg	0.014	0.046	1	GRO95/8021		9/4/2015	CJR	1
Ethylbenzene		0.205	mg/kg	0.014	0.045	1	GRO95/8021		9/4/2015	CJR	i
Methyl tert-butyl e	ther (MTBE)	< ().()25	mg/kg	0.013	0.041	1	GRO95/8021		9/4/2015	CJR	1
Naphthalene		1.38	mg/kg	0.0094	0.03	1	GRO95/8021		9/4/2015	CJR	1
Toluene		0.133	mg/kg	0.015	0.048	!	GRO95/8021		9/4/2015	CJR	1
1,2,4-Trimethylben	zene	14.9	mg/kg	0.011	0.036	- 1	GRO95/8021		9/4/2015	CJR	1
1,3,5-Trimethylben	zene	9.3	mg/kg	0.012	0.038	ı	GRO95/8021		9/4/2015	CJR	1
m&p-Xylene		0.95	mg/kg	0.023	0.074	1	GRO95/8021		9/4/2015	CJR	ŀ
o-Xylene		0.54	mg/kg	0.024	0.078	I	GRO95/8021		9/4/2015	CJR	I

Invoice # E29579

Project Name Project #	DAVE'S GA	S STATION	Invoice # E29579								
Lab Code Sample ID Sample Matrix Sample Date	5029579B MW-1-2 Soil 8/28/2015	Result	Unit	LOD I	LOQ D	il	Method	Ext Date	Run Date	Analyst	Code
General General											
Solids Percent		82.7	%			i	5021		9/1/2015	MDK	1
Inorganic											
Metals						_	(0100		9/9/2015	CWT	1 49
Lead, Total		1.57 "J" 1.3	mg/Kg mg/Kg	0.52 0.52	1.72 1.72	2	6010B 6010B		9/9/2015	CWT	1 49
TCLP Lead Organic		1.3	1116/116	0.55	*						
GRO/PVOC +	Nanhthalene	•									
GRO/F VOC + Gasoline Range Or, Benzene Ethylbenzene Methyl tert-butyl et Naphthalene Toluene 1,2,4-Trimethylben 1,3,5-Trimethylben m&p-Xylene o-Xylene Lab Code	ganics ther (MTBE) zene	430 1.4 7.0 < 0.025 2.58 10.6 18.3 7.0 25.6 9.2	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	18 0.014 0.014 0.013 0.0094 0.015 0.011 0.012 0.023 0.024	58 0.046 0.045 0.041 0.03 0.048 0.036 0.038 0.074 0.078	10	GRO95/802 I GRO95/802 I GRO95/802 I GRO95/802 I GRO95/802 I GRO95/802 I GRO95/802 I GRO95/802 I GRO95/802 I GRO95/802 I		9/11/2015 9/4/2015 9/4/2015 9/4/2015 9/4/2015 9/4/2015 9/4/2015 9/4/2015 9/4/2015	CJR CJR CJR CJR CJR CJR CJR CJR CJR CJR	1 1 1 1 1 1 1 1
Sample ID Sample Matrix Sample Date	MEOH BLA	ANK									
		Result	Unit	LOD I	LOQ D	il	Method	Ext Date	Run Date	Analyst	Code
Organic PVOC + Naph	thalene		_		•						
Benzene Ethylbenzene Methyl tert-butyl et Naphthalene Toluene 1,2,4-Trimethylben 1,3,5-Trimethylben m&p-Xylene o-Xylene	her (MTBE) zene	< 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	0.014 0.013 0.0094 0.015 0.011 0.012 0.023 0.024	0.046 0.045 0.041 0.03 0.048 0.036 0.038 0.074 0.078		GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021		9/10/2015 9/10/2015 9/10/2015 9/10/2015 9/10/2015 9/10/2015 9/10/2015 9/10/2015	CJR CJR CJR CJR CJR CJR CJR CJR CJR CJR	1 1 1 1 1 1

Project Name DAVE'S GAS STATION Invoice # E29579

Project #

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

Code Comment

1 Laboratory QC within limits. 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

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Project of 1990 Prospect Ct • Appleton, WI 54914 Sampler, isaparium (Rushes accepted only with prior authorization) Project (Name + Location). Dave's Gas State, 7 Reports To: Matt Lean Company Com
Project of 1990 Prospect Ct • Appleton, WI 54914 Sampler, isaparium (Rushes accepted only with prior authorization) Project (Name + Location). Dave's Gas State, 7 Reports To: Matt Lean Company Com
Sample: Isoperium 2 920-830-2455 • FAX 920-733-0631 Normal Turn Around Project (Name : Location): Dave's Gas State, 1 Reports To: Matt Leanger Company
Project (Name : Location). Dave 5 Gas State, 7 Repons To: Matt Lean gree Invoice to: Matt Leaner Company Company Company Analysis Requested Other Analysis Requested Other Analysis Requested Other Analysis Repons To: Matt Lean gree Company Com
Reports To: Matt Lech plex Invesice to: Matt Lech nex Company
Company C/O MUTCC Address P. O. Box 86 City State Zip Black Live Fd 5 W 5 State Zip La Crove. WI 54603 Phone (60%) 633-6569 Phone (60%) 78!-8879 FAX FAX Sample I.D. Sample I.D. Sample Time Comp Grab Phone Comp Grab Phone Comp Grab Phone Comp Grab Phone Comp Grab Phone Comp Grab Phone Comp Grab Filtered No. of Matrix) Containers Containers MW-1-1 Sample Time Comp Grab Phone Comp Grab Pho
Address 1. O. 150 x 360 City State Zip Blach Live Fd 3 W 5465 City State Zip La Crosse. W I 5460 3 Phone (604) 633-6569 FAX FAX FAX FAX Babel D. Comp Grab Filtered No. of Collection Date Time Comp Grab Filtered (Matrix): Contrainers MW-1-1 Shape X 2 2 3 Mg H Shape X 2 2 5 Mg H Shape X 3 X X X X X X X X X X X X X X X X X
Phone (604) 633-6569 Phone (604) 781-8879
FAX FAX FAX FAX FAX FAX FAX FAX
Lab I.D. Sample I.D. Date Time Comp Grab Y/N Containers Type Preservation Grab H RD O O O O O O O O O
Lab I.D. Sample I.D. Date Time Comp Grab Y/N Containers Type Preservation Grab H RD O O O O O O O O O
Sp2957 H MW-1-1 8/28/n: × × 2 5 MG H X X X X 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 sand copy of report to METCE
ilec Rates
Agent Status
Sample Integrity - To be completed by receiving lab. Helinquished 87 (Sign) Time Date Received By: (sign) Time Date #:30 / M 8/2 8/15
Temp. of Temp. Black C On Ice X

Received in Laboratory By. Church

Cooler seal intact upon receipt: X Yes No

Synergy Environmental Lab,

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

MATT LECHNER
MATT LECHNER
PO BOX 86
BLACK RIVER FALLS, WI 54615

Report Date 23-Nov-15

Project Name	DAVE'S GAS STATION
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Project #

Lab Code5029997ASample IDMW-5Sample MatrixWaterSample Date11/4/2015

11/4/2015 Sample Date Ext Date Run Date Analyst Code Method LOD LOQ Dil Unit Result Inorganic Metals 11/10/2015 **CWT** ı 7421 2.5 1 0.7ug/L Lead, Dissolved < 0.7**CWT** 11/10/2015 0.7 1 200.7 mg/I0.02 0.84Iron, Dissolved **CWT** 11/10/2015 14.4 200.7 4.5 i ug/L192 Manganese, Dissolved Organic VOC's 11/9/2015 CJR 8260B < ().44 ug/l 0.441.4 1 Benzene CJR 11/9/2015 8260B 0.48 1.5 ١ < 0.48 ug/l Bromobenzene 11/9/2015 CJR 8260B < ().46 ug/l 0.46 1.5 1 Bromodichloromethane 11/9/2015 CJR 8260B 0.46 1.5 < ().46 ug/l Bromoform 11/9/2015 CJR 8260B < [.] ug/l 1.1 3.4 tert-Butylbenzene 11/9/2015 CJR 3.8 8260B 1.2 sec-Butylbenzene < 1.2 ug/l 11/9/2015 CJR 8260B 1.91 "J" 3.3 ug/I n-Butylbenzene 11/9/2015 CJR 0.511.6 8260B < (0.51)Carbon Tetrachloride ug 1 8260B 11/9/2015 CJR 14 0.46 < 0.46 ug/l Chlorobenzene 11/9/2015 CJR 0.65 8260B < 0.65 ug/l Chloroethane CJR 8260B 11/9/2015 14 < ().43 ().43ug/I Chloroform CJR 11/9/2015 8260B ug/l 1.9 < 1.9 Chloromethane CJR 8260B 11/9/2015 < 0.4 0.41.3 ug/l 2-Chlorotoluene 11/9/2015 CJR 8260B ug/l 0.63 < 0.634-Chlorotoluene 11/9/2015 CJR 4.5 8260B 1.4 < 1.4 ug/l 1,2-Dibromo-3-chloropropane 11/9/2015 CJR 8260B 0.45 1.4 < 0.45 ug/l Dibromochloromethane 11/9/2015 CJR 8260B 0.49 1.6 < 0.49ug/l 1,4-Dichlorobenzene 11/9/2015 CJR 8260B 0.52 1.6 ug/l < 0.521.3-Dichlorobenzene CJR 11/9/2015 8260B 0.46 1.5 < ().46 ug/I1,2-Dichlorobenzene 11/9/2015 CJR 8260B 0.87 2.8 ug/i Dichlorodifluoromethane < 0.8711/9/2015 CIR 8260B 0.481.5 < ().48 ug/l 1,2-Dichloroethane CJR 11/9/2015 8260B 1.1 3.6 < 1.1 ug/l 1,1-Dichloroethane 11/9/2015 CJR 8260B 0.65 2.1 < 0.65 ug/l 1,1-Dichloroethene 11/9/2015 CJR 8260B 0.45 1.4 ug/l < 0.45cis-1,2-Dichloroethene 11/9/2015 CJR 17 8260B < ().54 0.54 ug/l trans-1,2-Dichloroethene CJR 11/9/2015 1.37 8260B 0.43 < 0.43ug/l 1.2-Dichloropropane 11/9/2015 CJR 8260B 3.1 9.8 < 3.1 ug/l 2,2-Dichloropropane

WI DNR Lab Certification # 445037560

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E29997

Invoice #

Project Name

DAVE'S GAS STATION

Project #

Lab Code Sample ID

Sulfate, Unfiltered

5029997A

MW-5 Sample Matrix Water Sample Date

11/4/2015

Ext Date Run Date Analyst Code LOD LOQ Dil Method Unit Result 11/9/2015 1.3 8260B CJR 0.42 < 0.42 ug/l 1,3-Dichloropropane 11/9/2015 CJR ug/l 8260B 1.4 < 0.44 0.44 Di-isopropyl ether 11/9/2015 CJR 8260B Ī < 0.63 ug/l 0.63 2 EDB (1,2-Dibromoethane) 11/9/2015 CJR 2.3 1 8260B ug/l 0.71 3.07 Ethylbenzene 11/9/2015 CJR 8260B < 2.2 ug/l 2.2 7 1 Hexachlorobutadiene 11/9/2015 CJR 1.15 "J" 0.82 8260B 2.6 ug/l Isopropylbenzene 8260B 11/9/2015 CJR 1 3.5 < 1.1 ug/i 1.1 p-Isopropyltoluene 11/9/2015 CJR 1.3 4.2 8260B ug/l < 1.3 Methylene chloride 11/9/2015 CJR 8260B 3.7 Methyl tert-butyl ether (MTBE) < 1.1 ug/l 1.1 11/9/2015 CJR 27.8 ug/l 1.6 5.2 1 8260B Naphthalene 11/9/2015 CJR 8260B 0.77 2.4 ug/l 3.6 n-Propylbenzene 11/9/2015 CJR < 0.52 ug/l 0.52 1.7 8260B 1,1,2,2-Tetrachloroethane 8260B 11/9/2015 CJR 1.5 0.48 < 0.48 ug/l 1,1,1,2-Tetrachloroethane 11/9/2015 CJR ug/l 8260B < 0.49 0.49 1.5 Tetrachloroethene 8260B 11/9/2015 CJR 1.4 0.44 < 0.44 ug/l Toluene 11/9/2015 CJR 8260B ug/l 1.7 5.6 < 1.7 1,2,4-Trichlorobenzene 11/9/2015 27 8.6 8260B CJR < 2.7 ug/l 1,2,3-Trichlorobenzene 11/9/2015 CJR 8260B 0.84 2.7 Į < 0.84 ug/l 1,1,1-Trichloroethane CJR 8260B 11/9/2015 0.48 1.52 I < 0.48 ug/l 1.1.2-Trichloroethane 11/9/2015 CJR 0.47 1.5 8260B < 0.47 ug/l Trichloroethene (TCE) 11/9/2015 CJR 8260B 0.87 2.8 Trichlorofluoromethane < 0.87ug/l 8260B 11/9/2015 CJR 1.6 5 1 14.6 ug/l 1,2,4-Trimethylbenzene 11/9/2015 CJR 8260B ug/l 15 4.8 3.4 "J" 1,3,5-Trimethylbenzene 11/9/2015 CJR 8260B 0.54 0.17 < ().17ug/l Vinyl Chloride 11/9/2015 CJR 8260B 2.2 6.9 3.6 "J" ug/I m&p-Xylene 11/9/2015 CJR 0.9 2.9 8260B 1.14 "J" ug/l o-Xylene 11/9/2015 CJR 8260B REC % SUR - 1,2-Dichloroethane-d4 96 11/9/2015 CJR 8260B REC % 1 107 SUR - 4-Bromofluorobenzene 11/9/2015 CJR REC % 8260B SUR - Dibromofluoromethane 98 11/9/2015 CJR 8260B 93 REC % SUR - Toluene-d8 Wet Chemistry General 11/20/2015 MDK 0.265 "J" 0.13 0.43 353.2 mg/l Nitrite Plus Nitrate, Dissolved 149 11/18/2015 CWT 1000 1000 300.0

300

mg-l

< 3()()

Project Name DAVE'S GAS STATION

Project #

Lab Code 5029997B Sample ID MW-3 Sample Matrix Water

Sample Date 11/4/201	.5								6 1
-	Result	Unit	LOD L	OQ Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic									
Metals									
Lead, Dissolved	< 0.7	ug/L	0.7	2.5	742 I		11/10/2015	CWT	1
Iron, Dissolved	0.29 "J"	mg/l	0.02	0.7	200.7		11/10/2015	CWT	1
Manganese, Dissolved	198	ug/L	4.5	14.4 i	200.7		11/10/2015	CWT	1
Organic									
VOC's									
Benzene	< 0.44	ug/l	0.44	1.4	8260B		11/11/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5 1	8260B		11/11/2015	CJR	ĺ
Bromodichloromethane	< 0.46	ug/l	0.46	1.5 I	8260B		11/11/2015	CJR	İ
Bromoform	< 0.46	ug/l	0.46	1.5 1	8260B		11/11/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4 1	8260B		11/11/2015	CJR	l s
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	8260B		11/11/2015	CJR CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	8260B		11/11/2015 11/11/2015	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	8260B 8260B		11/11/2015	CJR	i
Chlorobenzene	< 0.46	ug/l	0.46	1.4 I 2.1 I	8260B		11/11/2015	CJR	i
Chloroethane	< 0.65	ug/l	0.65 0.43	2.1 1 1.4 1	8260B		11/11/2015	CJR	Ī
Chloroform	< 0.43 < 1.9	ug/l ug/l	1.9	6 1	8260B		11/11/2015	CJR	ĺ
Chloromethane	< 0.4	ug/l	0.4	1.3	8260B		11/11/2015	CJR	1
2-Chlorotoluene	< 0.63	ug/l	0.63	2 1	8260B		11/11/2015	CJR	Į.
4-Chlorotoluene 1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5 I	8260B		11/11/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	8260B		11/11/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	8260B		11/11/2015	CJR	I
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	8260B		11/11/2015	CJR	I
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	8260B		11/11/2015	CJR	ŀ
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	8260B		11:11/2015	CJR	Į ī
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	8260B		11/11/2015	CJR CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	8260B		11/11/2015 11/11/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1 I 1.4 I	8260B 8260B		11/11/2015	CJR	i
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45 0.54	1.4 I 1.7 I	8260B		11/11/2015	CJR	i
trans-1,2-Dichloroethene	< 0.54	ug/l	0.34	1.37 I	8260B		11/11/2015	CJR	Ì
1,2-Dichloropropane	< 0.43 < 3.1	ug/l ug/l	3.1	9.8 1	8260B		11/11/2015	CJR	1
2,2-Dichloropropane	< 0.42	ug/l	0.42	1.3	8260B		11/11/2015	CJR	t
I,3-Dichloropropane Di-isopropyl ether	< ().44	ug/l	0.44	1.4	8260B		H 11/2015	CJR	ı
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2 · 1	8260B		11:11:2015	CJR	ı
Ethylbenzene	< 0.71	ug/l	0.71	2.3	8260B		11/11/2015	CJR	ŀ
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1 1	8260B		11/11/2015	CJR	l
Isopropylbenzene	< 0.82	ugil	0.82	2.6	8260B		11/11/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5 L	8260B		11 11/2015	CJR	1
Methylene chloride	< 1.3	րջ Լ	1.3	4.2			11 11 2015 11 11/2015	CJR CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	8260B		11:11/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2 I 2.4 I	8260B		11 11/2015	CJR	i
n-Propylbenzene	< 0.77	ug l	0.77	2.4 I 1.7 I	8260B 8260B		11/11/2015	CJR	i
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52 0.48	1.5	8260B 8260B		11/11/2015	CJR	i
1,1,1,2-Tetrachloroethane	< 0.48 < 0.49	ug/l ug/l	0.48	1.5	8260B		11/11/2015	CJR	i
Tetrachloroethene	< ().44	ug/l	0.44	1.4	8260B		11/11/2015	CJR	I
Toluene 1.2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	8260B		11/11/2015	CJR	i
1.2.3-Trichlorobenzene	< 2.7	ug/I	2.7	8.6	8260B		11/11/2015	CJR	1
1.1.1-Trichloroethane	< 0.84	ug/l	0.84	2.7 1	8260B		11/11/2015	CJR	1
1.1.2-Trichloroethane	< 0.48	ug/l	0.48	1.52 1	8260B		11/11/2015	CJR	!
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	8260B		11/11/2015	CJR	į
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	8260B		11-11/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5 1	8260B		11/11/2015	CJR	I
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8 1	8260B		11/11/2015	CJR	i i
Vinyl Chloride	< 0.17	ug I	0.17	0.54	8260B		11 11/2015	CJR	'

Project Name DAVE'S GAS STATION Invoice # E29997

Project #

Lab Code5029997BSample IDMW-3Sample MatrixWaterSample Date11/4/2015

•	Result	Unit	LOD L	OQ I	Dil	Method	Ext Date	Run Date	Analyst	Code
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		11/11/2015	CJR	I
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		11/11/2015	CJR	I
SUR - Toluene-d8	113	REC %			1	8260B		11/11/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	94	REC %			1	8260B		11/11/2015	CJR	Ī
SUR - 4-Bromofluorobenzene	110	REC %			Ī	8260B		11/11/2015	CJR	1
SUR - Dibromofluoromethane	98	REC %			1	8260B		11/11/2015	CJR	1
Wet Chemistry										
General										
Nitrite Plus Nitrate, Dissolved	0.750	mg/l	0.13	0.43	1	353.2		11/20/2015	MDK	1
Sulfate, Unfiltered	< 300	mg/l	300	1000	1000	300.0		11/18/2015	CWT	1 49

Project Name DAVE'S GAS STATION

Project #

Lab Code 5029997C
Sample ID MW-4
Sample Matrix Water

Sample Date	11/4/2015	Result	Unit	LOD LOQ Dil		Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved		< 0.7	ug/L	0.7	2.5	7421		11/10/2015	CWT	1
Iron, Dissolved		0.31 "J"	mg/l	0.02	0.7	200.7		11/10/2015	CWT	1
Manganese, Dissol	lved	116	ug/L	4.5	14.4 I	200.7		11/10/2015	CWT	1
Organic	.,,,,		· ·							
_										
VOC's		< 0.44	ug/l	0.44	1.4	8260B		11/9/2015	CJR	1
Benzene		< 0.48	ug/l	0.48	1.5	8260B		11/9/2015	CJR	1
Bromobenzene Bromodichloromet	hono	< 0.46	ug/l	0.46	1.5	8260B		11/9/2015	CJR	i
Bromoform	mane	< 0.46	ug/l	0.46	1.5	8260B		11/9/2015	CJR	1
tert-Butylbenzene		< 1.1	ug/l	1.1	3.4	8260B		11/9/2015	CJR	1
sec-Butylbenzene		< 1.2	ug/l	1.2	3.8	8260B		11/9/2015	CJR	l
n-Butylbenzene		< !	ug/l	1	3.3	8260B		11/9/2015	CJR	1
Carbon Tetrachlori	ide	< 0.51	ug/l	0.51	1.6	8260B		11/9/2015	CJR	I
Chlorobenzene		< 0.46	ug/l	0.46	1.4	8260B		11/9/2015	CJR	1
Chloroethane		< 0.65	ug/l	0.65	2.1 1	8260B		11/9/2015	CJR CJR	1
Chloroform		< 0.43	ug/l	0.43	1.4	8260B		11/9/2015 11/9/2015	CJR	ı
Chloromethane		< 1.9	ug/l	1.9	6 I	8260B		11/9/2015	CJR	i
2-Chlorotoluene		< 0.4	ug/l	0.4	1.3	8260B 8260B		11/9/2015	CJR	i
4-Chlorotoluene		< ().63	ug/l	0.63 1.4	2 1 4.5 1	8260B		11/9/2015	CJR	i
1,2-Dibromo-3-chl		< 1.4	ug/l	0.45	1.4 1	8260B		11/9/2015	CJR	ĺ
Dibromochlorome		< 0.45 < 0.49	ug/l ug/l	0.49	1.6	8260B		11/9/2015	CJR	l
1.4-Dichlorobenze		< 0.52	ug/l	0.52	1.6	8260B		11/9/2015	CJR	ı
1,3-Dichlorobenze 1,2-Dichlorobenze		< 0.46	ug/l	0.46	1.5 1	8260B		11/9/2015	CJR	1
Dichlorodifluorom		< 0.87	ug/l	0.87	2.8	8260B		11/9/2015	CJR	1
1,2-Dichloroethand		< 0.48	ug/l	0.48	1.5	8260B		11/9/2015	CJR	Į.
1.1-Dichloroethand		< 1.1	ug/l	1.1	3.6	8260B		11/9/2015	CJR	l i
1.1-Dichloroethene		< 0.65	ug/l	0.65	2.1	8260B		11/9/2015	CJR	Į.
eis-1,2-Dichloroetl	iene	< 0.45	ug/l	0.45	1.4	8260B		11/9/2015	CJR	1
trans-1,2-Dichloro	ethene	< 0.54	ug/l	().54	1.7	8260B		11/9/2015 11/9/2015	CJR CJR	1
1,2-Dichloropropa	ne	< 0.43	ug/l	0.43	1.37	8260B		11/9/2015	CJR	ı I
2,2-Dichloropropa		< 3.1	ug/l	3.1	9.8 1	8260B 8260B		11/9/2015	CJR	i
1,3-Dichloropropa	ne	< 0.42	ug/l	0.42 0.44	1.3 l 1.4 l	8260B		11/9/2015	CJR	
Di-isopropyl ether	.1	< ().44	ug/l ug/l	0.63	2 1	8260B		11/9/2015	CJR	1
EDB (1.2-Dibrome	oethane)	< 0.63 < 0.71	ug/l ug/l	0.03	2.3	8260B		11/9/2015	CJR	1
Ethylbenzene Hexachlorobutadie		< 2.2	ug/l	2.2	7.1	8260B		11/9/2015	CJR	Į.
Isopropylbenzene	ne	< 0.82	ug/l	0.82	2.6	8260B		11/9/2015	CJR	l
p-Isopropyltoluene		< 1.1	ug/l	1.1	3.5	8260B		11:9/2015	CJR	1
Methylene chloride		~ 1.3	ug/l	1.3	4.2	8260B		11/9/2015	CJR	l
Methyl tert-butyl e		< 1.1	ug/l	1.1	3.7	8260B		11/9/2015	CJR	!
Naphthalene	,	< 1.6	ug/l	1.6	5.2 I	8260B		11/9/2015	CJR	!
n-Propylbenzene		< 0.77	ug/l	0.77	2.4	8260B		11/9/2015	CJR	1
1,1,2,2-Tetrachloro	oethane	< 0.52	ug/l	0.52	1.7	8260B		11/9/2015 11/9/2015	CJR CJR	1
1.1,1.2-Tetrachloro	ethane	< 0.48	ug/l	0.48	1.5	8260B 8260B		11/9/2015	CJR	1
Tetrachloroethene		< 0.49	ug/l	0.49	1.5	8260B 8260B		11/9/2015	CJR	i
Toluene		< ().44	ug/l	0.44	1.4 1	8260B		11/9/2015	CJR	i
1,2,4-Trichloroben		< 1.7	ug/l	1.7 2.7	5.6 L 8.6 L	8260B		11/9/2015	CJR	l
1,2,3-Trichloroben		< 2.7 < 0.84	ug/l ug/l	0.84	2.7	8260B		11/9/2015	CJR	i
1.1.1-Trichloroetha		< 0.48	ug/l	0.48	1.52	8260B		11/9/2015	CJR	ı
1,1,2-Trichloroetha Trichloroethene (T		< 0.47	ug/l	0.47	1.5	8260B		11.9/2015	CJR	1
Trichlorofluoromet		< 0.87	ug/l	0.87	2.8 1	8260B		11/9/2015	CJR	1
1.2.4-Trimethylber		< 1.6	ug/l	1.6	5 1	8260B		11/9/2015	CJR	l
1,3,5-Trimethylber		< 1.5	ug/l	1.5	4.8	8260B		11/9/2015	CJR	!
Vinyl Chloride		< 0.17	ug/l	0.17	0.54	8260B		11/9/2015	CJR	ŀ

Project Name DAVE'S GAS STATION Invoice # E29997

Project #

Lab Code5029997CSample IDMW-4Sample MatrixWaterSample Date11/4/2015

•	Result	Unit	LOD L	OQ I	Dil	Method	Ext Date	Run Date	Analyst	Code
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		11/9/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		11/9/2015	CJR	1
SUR - Dibromofluoromethane	99	REC %			1	8260B		11/9/2015	CJR	I
SUR - 4-Bromofluorobenzene	107	REC %			1	8260B		11/9/2015	CJR	1
SUR - Toluene-d8	95	REC %			1	8260B		11/9/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	85	REC %			1	8260B		11/9/2015	CJR	1
Wet Chemistry										
General										
Nitrite Plus Nitrate, Dissolved	0.442	ıng/l	0.13	0.43	1	353.2		11/20/2015	MDK	1
Sulfate, Unfiltered	< 300	mg/l	300	1000	1000	300.0		11/18/2015	CWT	1 49

Project Name DAVE'S GAS STATION

Project #

Lab Code5029997DSample IDMW-2Sample MatrixWater

Sample Date 11	/4/2015	Result	Unit	LOD L	OO Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic		resure	2							
~										
Metals			/1	0.7	2.5	7421		11/10/2015	CWT	1
Lead, Dissolved		1.5	ug/L	0.7	2.5 0.7	200.7		11/10/2015	CWT	i
Iron, Dissolved		0.33 "J"	mg/l	0.02 4.5	14.4			11/10/2015	CWT	1
Manganese, Dissolved		64.7	ug/L	4.3	14.4	200.7		11110/2015	•	
Organic										
VOC's										
Benzene		7.7	ug/l	0.44	1.4	8260B		11/9/2015	CJR	į.
Bromobenzene		< 0.48	ug/l	0.48	1.5	8260B		11/9/2015	CJR	l
Bromodichloromethane	:	< 0.46	ug/l	0.46	1.5	1 8260B		11/9/2015	CJR	I
Bromoform		< 0.46	ug/l	0.46	1.5			11/9/2015	CJR	!
tert-Butylbenzene		< 1.1	ug/i	1.1	3.4	8260B		11/9/2015	CJR	1
sec-Butylbenzene		< 1.2	ug/l	1.2	3.8			11/9/2015	CJR CJR	1
n-Butylbenzene		< 1	ug/l	1	3.3	8260B		11/9/2015 11/9/2015	CJR	1
Carbon Tetrachloride		< 0.51	ug/l	0.51	1.6	8260B		11/9/2015	CJR	1
Chlorobenzene		< 0.46	ug/l	0.46	1.4	8260B		11/9/2015	CJR	1
Chloroethane		< 0.65	ug/l	0.65	2.1			11/9/2015	CJR	i
Chloroform		< 0.43	ug/l	0.43	1.4	8260B 8260B		11/9/2015	CJR	i
Chloromethane		< 1.9	ug/l	1.9	6 I	8260B		11/9/2015	CJR	i
2-Chlorotoluene		< 0.4	ug/l	0.4 0.63	2	8260B		11/9/2015	CJR	ĺ
4-Chlorotoluene		< 0.63	ug/l	1.4	4.5	8260B		11/9/2015	CJR	I
1,2-Dibromo-3-chlorop		< 1.4 < 0.45	ug/l ug/l	0.45	1.4	8260B		11/9/2015	CJR	ı
Dibromochloromethane	!	< 0.49	ug/l	0.49	1.6	8260B		11/9/2015	CJR	1
1,4-Dichlorobenzene		< 0.52	. ug/l	0.52	1.6	8260B		11/9/2015	CJR	1
1,3-Dichlorobenzene		< 0.46	ug/l	0.46		8260B		11/9/2015	CJR	I
1,2-Dichlorobenzene Dichlorodifluoromethar	20	< 0.87	ug/l	0.87	2.8	8260B		11/9/2015	CJR	1
1.2-Dichloroethane	IC.	< 0.48	ug/l	0.48		8260B		11/9/2015	CJR	l
1.1-Dichloroethane		< 1.1	ug/l	1.1	3.6	8260B		11/9/2015	CJR	1
1,1-Dichloroethene		< 0.65	ug/l	0.65	2.1	8260B		11/9/2015	CJR	l .
cis-1,2-Dichloroethene		< 0.45	ug.l	0.45	1.4			11/9/2015	CJR	1
trans-1,2-Dichloroethen	ie	< ().54	ug/l	0.54	1.7			11/9/2015	CJR	1
1,2-Dichloropropane		< 0.43	ug∄	0.43	1.37	1 8260B		11/9/2015	CJR	1
2,2-Dichloropropane		< 3.1	ug/l	3.1		8260B		11/9/2015 11/9/2015	CJR CJR	1
1,3-Dichloropropane		< 0.42	ug/l	0.42	1.3			11/9/2015	CJR	ì
Di-isopropyl ether		< 0.44	ug/l	0.44	1.4	8260B		11/9/2015	CJR	i
EDB (1,2-Dibromoetha	ກe)	< (),63	ug/l	0.63	2 2.3	1 8260B 1 8260B		11/9/2015	CJR	i
Ethylbenzene		1.8 "J"	ug/l	0.71 2.2	2.3 7.1	8260B		11/9/2015	CJR	1
Hexachlorobutadiene		<. 2.2	ug:1	0.82	2.6	8260B		11/9/2015	CJR	l
Isopropylbenzene		< 0.82 < 1.1	ug 1 ug/l	1.1	3.5	8260B		11/9/2015	CJR	4
p-Isopropyltoluene		51.3	ug l	1.3		8260B	•	11.9/2015	CJR	1
Methylene chloride	MITDEL	< 1.1	ug/l	1.1		8260B		11/9/2015	CJR	1
Methyl tert-butyl ether ((WITDL)	2.3 "J"	ug:l	1.6	5.2	8260B		11/9/2015	CJR	l
Naphthalene n-Propylbenzene		< 0.77	ug l	0.77		I 8260B		11/9/2015	CJR	1
1,1,2,2-Tetrachloroetha	ne	< 0.52	ug/l	0.52	1.7	8260B		11/9/2015	CJR	i
1,1,2,2-Tetrachloroetha		< ().48	ug/l	0.48		1 8260B		11/9/2015	CJR	1
Tetrachloroethene	110	< ().49	ug/I	0.49	1.5	1 8260B		11/9/2015	CJR	!
Toluene		().49 "J"	ug/l	0.44		8260B		11/9/2015	CJR	1
1,2,4-Trichlorobenzene		< 1.7	មទៀ	1.7	5.6	1 8260B		11/9/2015	CJR	1
1,2,3-Trichlorobenzene		< 2.7	ug/l	2.7		I 8260B		11/9/2015	CJR	1
1,1,1-Trichloroethane		< 0.84	ug/l	0.84		8260B		11/9/2015	CJR	1
1.1,2-Trichloroethane		< ().48	ug I	0.48		1 8260B		11/9/2015	CJR CJR	1
Trichloroethene (TCE)		< ().47	սջ 1	0.47		8260B		11/9/2015 11/9/2015	CJR	1
Trichlorofluoromethane		< 0.87	ug/l	0.87	2.8	1 8260B		11/9/2015	CJR	i
1,2,4-Trimethylbenzene		< 1.6	ug/l	1.6	5	1 8260B I 8260B		11/9/2015	CJR	l
1,3,5-Trimethylbenzene	•	< 1.5	ug/l	1.5		I 8260B I 8260B		11/9/2015	CJR	i
Vinyl Chloride		< 0.17	ug/l	0.17	0.74	1 0200D				

Invoice # E29997

Project Name DAVE'S GAS STATION

Project #

Lab Code5029997DSample IDMW-2Sample MatrixWaterSample Date11/4/2015

Dumple Date 11/1/2015										
	Result	Unit	LOD L	OQ I)il	Method	Ext Date	Run Date	Analyst	Code
m&p-Xylene	3.2 "J"	ug/l	2.2	6.9	1	8260B		11/9/2015	CJR	I
o-Xylene	1.14 "J"	ug/l	0.9	2.9	1	8260B		11/9/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	92	REC %			i	8260B		11/9/2015	CJR	1
SUR - 4-Bromofluorobenzene	104	REC %			1	8260B		11/9/2015	CJR	I
SUR - Dibromofluoromethane	101	REC %			1	8260B		11/9/2015	CJR	1
SUR - Toluene-d8	99	REC %			- 1	8260B		11/9/2015	CJR	1
Wet Chemistry										
General										
Nitrite Plus Nitrate, Dissolved	2.56 "J"	mg/l	0.13	0.43	1	353.2		11/20/2015	MDK	i
Sulfate, Unfiltered	< 300	mg/l	300	1000	1000	300.0		11/18/2015	CWT	1 49

Project Name DAVE'S GAS STATION

Project #

Lab Code Sample ID 5029997E

MW-1

Sample Matrix Water 11/4/2015 Sample Date

Sample Date 11/4/2		¥1	LOD L	na na	Method	Evt Date	Run Date	Analyst	Code
	Result	Unit	LOD L	ווע אַט	Method	Ext Date	Run Date	Amaijot	Couc
Inorganic									
Metals									
Lead, Dissolved	38.5	ug/L	1.4	5 2	7421		11/10/2015	CWT	I
Iron, Dissolved	8.96	mg/l	0.02	0.7 1	200.7		11/10/2015	CWT	1
Manganese, Dissolved	318	ug/L	4.5	14.4	200.7		11/10/2015	CWT	1
	3.0	Ũ							
Organic									
VOC's		15	4.4	140 10	0 8260B		11/12/2015	CJR	1
Benzene	610	ug/i	44		0 8260B		11/12/2015	CJR	i 1
Bromobenzene	< 48	ug/l	48		0 8260B		11/12/2015	CJR	i
Bromodichloromethane	< 46	ug/l	46		0 8260B 0 8260B		11/12/2015	CJR	1
Bromoform	< 46	ug/l	46		0 8260B		11/12/2015	CJR	i
tert-Butylbenzene	< 110	ug/l	110		0 8260B		11/12/2015	CJR	i
sec-Butylbenzene	< 120	ug/l	120		0 8260B		11/12/2015	CJR	1
n-Butylbenzene	380	ug/l	100 51		0 8260B		11/12/2015	CJR	ì
Carbon Tetrachloride	< 51	ug/l			0 8260B 0 8260B		11/12/2015	CJR	i
Chlorobenzene	< 46	ug/l	46 65		0 8260B		11/12/2015	CJR	I
Chloroethane	< 65	ug/l	43		0 8260B 0 8260B		11/12/2015	CJR	1
Chloroform	< 43	ug/l	190		0 8260B	-	11/12/2015	CJR	1
Chloromethane	< 190	ug/l	40		0 8260B		11/12/2015	CJR	1
2-Chlorotoluene	< 4()	ug/l	63		0 8260B		11/12/2015	CJR	1
4-Chlorotoluene	< 63	ug/l	140		0 8260B		11/12/2015	CJR	1
1,2-Dibromo-3-chloropropan		ug/l	45		0 8260B		11/12/2015	CJR	1
Dibromochloromethane	< 45	ug/l ug/l	49		0 8260B		11/12/2015	CJR	1
1,4-Dichlorobenzene	< 49 < 52	ug/l	52		0 8260B		11:12/2015	CJR	1
1,3-Dichlorobenzene	< 46	ug T	46		0 8260B		11/12/2015	CJR	I
1,2-Dichlorobenzene	< 87	ug/l ug/l	87		0 8260B		11:12:2015	CJR	1
Dichlorodifluoromethane	< 48	ug/l	48		0 8260B		11/12/2015	CJR	1
1,2-Dichloroethane	< 110	ug:l	110		0 8260B		11/12/2015	CJR	1
1,1-Dichloroethane	< 65	ug l	65		0 8260B		11/12/2015	CJR	1
1,1-Dichloroethene	< 45	ug l	45		0 8260B		11/12/2015	CJR	1
cis-1,2-Dichloroethene	< 54	ug/l	54		() 8260B		11/12/2015	CJR	1
trans-1,2-Dichloroethene 1,2-Dichloropropane	< 43	ug/l	43	137 10	0 8260B		11/12/2015	CJR	1
2,2-Dichloropropane	< 310	ugl	310	980 10	0 8260B		11/12/2015	CJR	ı
1,3-Dichloropropane	< 42	ug-l	42	130 10	0 8260B		11/12/2015	CJR	I
Di-isopropyl ether	< 44	ug l	44	140 10	0 8260B		11/12/2015	CJR	ı
EDB (1,2-Dibromoethane)	< 63	ug·l	63	200 10	0 8260B		11/12/2015	CJR	I
Ethylbenzene	950	' ug/l	71	230 10	0 8260B		11/12/2015	CJR	
Hexachlorobutadiene	< 220	ug-4	220	710 IC	0 8260B		11 12/2015	CJR	1
Isopropylbenzene	90 "J"	ug l	82		0 8260B		11/12/2015	CJR	1
p-Isopropyltoluene	< 110	ug l	110		0 8260B		11/12/2015	CJR	1
Methylene chloride	< 130	ug l	130		0 8260B		11 12 2015	CJR	ı,
Methyl tert-butyl ether (MTE	3E) < 110	ug 1	110		0 8260B		11/12/2015	CJR	I
Naphthalene	370 "J"	ug l	160		0 8260B		11/12/2015	CJR	1
n-Propylbenzene	350	ug T	77		0 8260B		11/12/2015	CJR	1
1.1.2.2-Tetrachloroethane	< 52	ug/l	52		0 8260B		11/12/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 48	ug∄	48		0 8260B		11/12/2015 11/12/2015	CJR CJR	i
Tetrachloroethene	< 49	ug/l	49		0 8260B				,
Toluene	3020	ug/l	44		0 8260B		11/12/2015	CJR CJR	1
1,2,4-Trichlorobenzene	< 170	Egu	170		0 8260B		11/12/2015	CJR	1
1,2,3-Trichlorobenzene	< 270	ug. l	270		0 8260B		11/12/2015	CJR	1
1,1,1-Trichloroethane	< 84	ug l	84		0 8260B			CJR	i
1,1,2-Trichloroethane	< 48	ug l	48		0 8260B		11/12/2015	CJR	
Trichloroethene (TCE)	< 47	ug l	47		0 8260B		11/12/2015 11/12/2015	CJR	1
Trichlorofluoromethane	< 87	ug l	87		0 8260B			CJR	i
1,2,4-Trimethylbenzene	3200	ug l	160		0 8260B		11/12/2015 11/12/2015	CJR	1
1,3,5-Trimethylbenzene	1120	ug:l	150		0 8260B		11/12/2015	CJR	i
Vinyl Chloride	< 17	ug l	17	54 10	0 8260B		11.12.2013	Carr	•

Invoice # E29997

Project Name DAVE'S GAS STATION

Project #

Lab Code5029997ESample IDMW-1Sample MatrixWaterSample Date11/4/2015

	Result	Unit	LOD L	OQ I)il	Method	Ext Date	Run Date	Analyst	Code
m&p-Xylene	4100	ug/l	220	690	100	8260B		11/12/2015	CJR	1
o-Xylene	1440	ug/l	90	290	100	8260B		11/12/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	92	REC %			100	8260B		11/12/2015	CJR	1 .
SUR - Toluene-d8	113	REC %			100	8260B		11/12/2015	CJR	1
SUR - 4-Bromofluorobenzene	111	REC %			100	8260B		11/12/2015	CJR	I
SUR - Dibromofluoromethane	101	REC %			100	8260B		11/12/2015	CJR	1
Wet Chemistry										
General										
Nitrite Plus Nitrate, Dissolved	0.395 "J"	ıng/i	0.13	0.43	i	353.2		11/20/2015	MDK	1
Sulfate, Unfiltered	1510	mg/l	300	1000	1000	300.0		11/18/2015	CWT	1 49

Project Name DAVE'S GAS STATION

Project #

Lab Code 5029997F Sample ID TB Sample Matrix Water Sample Date 11/4/2015

Sample Date	11/4/2015								D D .	. 1	C. J.
•		Result	Unit	LOD 1	LOQ D	il	Method	Ext Date	Run Date	Analyst	Coae
Organic											
VOC's											
		< 0.44	ug/l	0.44	1.4	1	8260B		11/9/2015	CJR	l
Benzene		< 0.48	ug/l	0.48	1.5	1	8260B		11/9/2015	CJR	1
Bromobenzene		< 0.46	ug/l	0.46	1.5	i	8260B		11/9/2015	CJR	I
Bromodichlorome	thane	< 0.46	ug/l	0.46	1.5	i	8260B		11/9/2015	CJR	l
Bromoform		< 1.1	ug/l	1.1	3.4	i	8260B		11/9/2015	CJR	1
tert-Butylbenzene		< 1.1	ug/l	1.2	3.8	i	8260B		11/9/2015	CJR	1
sec-Butylbenzene		< 1.2	ug/l	1.2	3.3	i	8260B		11/9/2015	CJR	1
n-Butylbenzene		< 0.51	ug/l	0.51	1.6	i	8260B		11/9/2015	CJR	1
Carbon Tetrachlor	ide	< 0.46	ug/l	0.46	1.4	i	8260B	,	11/9/2015	CJR	1
Chlorobenzene		< 0.65	ug/l	0.65	2.1	i	8260B		11/9/2015	CJR	i
Chloroethane		< 0.43	ug/l	0.43	1.4	i	8260B		11/9/2015	CJR	1
Chloroform		< 1.9	ug/l	1.9	6	i	8260B		11/9/2015	CJR	1
Chloromethane		< 0.4	ug/l	0.4	1.3	i.	8260B		11/9/2015	CJR	1
2-Chlorotoluene		< 0.63	ug/l	0.63	2	Ī	8260B		11/9/2015	CJR	i
4-Chlorotoluene	1	< 1.4	ug/l	1.4	4.5	1	8260B		11/9/2015	CJR	1
1,2-Dibromo-3-ch		< 0.45	ug/l	0.45	1.4	i	8260B		11/9/2015	CJR	1
Dibromochlorome		< 0.49	ug/l	0.49	1.6	i	8260B		11/9/2015	CJR	1
1,4-Dichlorobenze		< 0.52	ug/l	0.52	1.6	i	8260B		11/9/2015	CJR	1
1,3-Dichlorobenze		< 0.46	ug/l	0.46	1.5	i	8260B		11/9/2015	CJR	1
1,2-Dichlorobenze		< 0.87	ug/l	0.87	2.8	i	8260B		11/9/2015	CJR	1
Dichlorodifluorom		< 0.48	ug/l	0.48	1.5	Ī	8260B		11/9/2015	CJR	1
1,2-Dichloroethan		< 1.1	ug/l	1.1	3.6	i	8260B		11/9/2015	CJR	f
1,1-Dichloroethan		< 0.65	ug/l	0.65	2.1	i	8260B		11/9/2015	CJR	ı
1,1-Dichloroethen		< 0.45	ug/l	0.45	1.4	i	8260B		11/9-2015	CJR	1
cis-1,2-Dichloroetl		< 0.54	ug T	0.54	1.7	1	8260B		11/9/2015	CJR	ı
trans-1,2-Dichloro		< 0.43	ug/l	0.43	1.37	ı	8260B		11-9-2015	CJR	I
1,2-Dichloropropa		< 3.1	ug/l	3.1	9.8	1	8260B		11/9-2015	CJR	i
2,2-Dichloropropa		< 0.42	ug l	0.42	1.3	ı	8260B		11-9 2015	CJR	J
1,3-Dichloropropa		< 0.44	ug-l	0.44	1.4	1	8260B		11/9/2015	CJR	l
Di-isopropyl ether		< 0.63	ug/l	0.63	2	1	8260B		11:9:2015	CJR	1
EDB (1,2-Dibrome Ethylbenzene	octuane)	< 0.71	ug l	0.71	2.3	1	8260B		11.9/2015	CJR	l
Hexachlorobutadie		< 2.2	ug/l	2.2	7.1	1	8260B		11/9/2015	CJR	1
Isopropylbenzene	iic.	< 0.82	ug l	0.82	2.6	1	8260B		11.9 2015	CJR	F
p-Isopropyltoluene		< 1.1	ug l	1.1	3.5	- 1	8260B		11/9/2015	CJR	1
Methylene chlorid		< 1.3	ug	1.3	4.2	1	8260B		11.9.2015	CJR	1
Methyl tert-butyl		< 1.1	ug l	1.1	3.7	Ī	8260B		11/9/2015	CJR	1
Naphthalene	.(IICI (IIII DC)	< 1.6	ugil	1.6	5.2	ı	8260B		11-9-2015	CJR	1
n-Propylbenzene		< 0.77	ug l	0.77	2.4	1	8260B		11.9.2015	CJR	1
1,1,2,2-Tetrachlore	vethane	< 0.52	ug. l	0.52	1.7	ı	8260B		11/9/2015	CJR	1
1,1,2,2*Tetrachlore		< 0.48	l gu	0.48	1.5	1	8260B		11/9/2015	CJR	!
Tetrachloroethene	· ctricire	< ().49	ug l	().49	1.5	1	8260B		11/9/2015	CJR	1
Toluene		< ().44	սցժ	(),44	1.4	1	8260B		11 9 2015	CJR	!
1,2,4-Trichloroben	izene	< 1.7	ug l	1.7	5.6	I	8260B		11/9/2015	CJR	!
1,2,3-Trichloroben		< 2.7	ug-l	2.7	8.6	1	8260B		11/9/2015	CJR	į.
1,1,1-Trichloroeth		< 0.84	ug 1	().84	2.7	I	8260B		11/9/2015	CJR	
1.1.2-Trichloroeth		< 0.48	ug/l	0.48	1.52	1	8260B		11/9/2015	CJR	!
Trichloroethene (T		< 0.47	ug. l	0.47	1.5	1	8260B		11/9/2015	CJR	!
Trichlorofluorome		< 0.87	ug∃	0.87	2.8	1	8260B		11/9/2015	CJR	!
1,2,4-Trimethylber		< 1.6	ug. l	1.6	5	j	8260B		11.9 2015	CJR	į.
1.3.5-Trimethylber		< 1.5	ug/l	1.5	4.8	I	8260B		11 9 2015	CJR	1
Vinyl Chloride		< 0.17	ug/l	0.17	0.54	l	8260B		11-9-2015	CJR	1
m&p-Xylene		< 2.2	ug/l	2.2	6.9	l	8260B		11/9 2015	CJR	Į.
o-Xylene		< ().9	սջ 1	().9	2.9	l	8260B		11 9 2015	CJR	1
SUR - Toluene-d8		99	REC %			I	8260B		11 9 2015	CJR	[
SUR - 1,2-Dichlor		85	REC %			l	8260B		11-9-2015	CJR	1
SUR - 4-Bromoflu	orobenzene	106	REC %			1	8260B		11-9-2015	CJR	1
SUR - Dibromoflu		97	REC %			i	8260B		11/9/2015	CJR	i

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 JSTODY RECORD

Synergy

Chain # NO 308

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City State Zip Öldük K. V.C. F	4115 NE 54615	City State 2	10 Le. Comose L			8 8 3		ALEA	000	7		,	
Phone		Phone				ORO Sep GRO Sep Ascluck	13 KH	2827 1717 1717 1717 1717 1717 1717 1717		360 S	13		
FAX		FAX				Mod Di Mod Di Mod Di	& GREASE I (EPA 8270	NAP	SUSPENDED	(EPA 8260)	13		PID/ FID
Lati I.D. Samole 1.0	Cohection Date Time	Domp Grab	Filtered No. of Y/N Containers	Sample Type (Matrix):	Preservation .H.L.H.;W.4	GRO (Mod GRO S GRO (Mod GRO S LEAD () 1900/N	OIL & GREASE PAH (EPA 8270) PCB	PVOC (EPA 8021) PVOC + NAPHTHALENE	TOTAL	VOC (EPA 8260) 8-RCBA METALS	10 550 UIA		
Soz 9997 A MIN 3 B MW 3 C MW - D MW 2 E MW T 18 Comments/Special Instruction	to so the state of	Sear	Drinking Water "DW" CAT / SA AGEN:	ce port	WW". Soil "S"	, Air "A", Oil,	Sludge etc.	X X X Y		X	X X X	6 MG	720)
Sample Integrity - To be com Method of Shipm Temp. of Temp. I	ipleted by receiving ent: 2000 Blank°C On lo	lab.	olinquished By: (sign)	3 1	Time	Date (1-5-15	Received By	(sign)	man A and Seppe Novely 19 to		SOLD BOAR OF MICHAEL STREET	Time	Date
Cooler seal intact upon recei	pt: <u> </u>	No Re	eceived in Laboratory By.	dina	Wille	A ***	Marie Control of the	Tír	ne: &	* 00	Managar Person Lands	Date: \\	1/15

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

MATT LECHNER MATT LECHNER PO BOX 86 BLACK RIVER FALLS, WI 54615

Report Date 18-Feb-16

Project Name DAVE'S GAS STATION

Project #

Lab Code 5030468A Sample ID MW-3 Sample Matrix Water Sample Date 2/9/2016

Invoice # E30468

Sample Date	2/9/2016										
		Result	Unit	LOD L	OQ D	il	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved		0.8 "J"	ug/L	0.7	2.5	1	7421		2/12/2016	CWT	ł
Organic											
PVOC + Naph	ithalene										
Benzene		< 0.46	ug/l	0.46	1.5	1	GRO95/8021		2/12/2016	CJR	1
Ethylbenzene		< 0.73	ug/l	0.73	2.3	ì	GRO95/8021		2/12/2016	CJR	1
Methyl tert-butyl e	ther (MTBE)	< 0.49	ug/l	0.49	1.6	I	GRO95/8021		2/12/2016	CJR	1
Naphthalene		< 2.6	ug/l	2.6	8.3	ı	GRO95/8021		2/12/2016	CJR	1
Toluene		< 0.39	ug/l	0.39	1.2	1	GRO95/8021		2/12/2016	CJR	1
1,2,4-Trimethylben	zene	< 0.68	ug/l	0.68	2.2	ł	GRO95/8021		2/12/2016	CJR	1
1,3,5-Trimethylben	zene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		2/12/2016	CJR	1
m&p-Xylene		< 1.4	ug/l	1.4	4.4	1	GRO95/8021		2/12/2016	CJR	1
o-Xylene		< 0.66	ug/l	0.66	2.1	1	GRO95/8021		2/12/2016	CJR	1

Project # 5030468B Lab Code MW-4 Sample ID Sample Matrix Water 2/9/2016 Sample Date Ext Date Run Date Analyst Code LOD LOQ Dil Method Unit Result Inorganic Metals 2/12/2016 **CWT** 1 ug/L0.7 2.5 7421 < 0.7 Lead, Dissolved Organic PVOC + Naphthalene 2/12/2016 CJR GRO95/8021 1.5 < 0.46 0.46 1 ug/l Benzene 2/12/2016 CJR 1 0.73 2.3 GRO95/8021 < 0.73 ug/l Ethylbenzene GRO95/8021 2/12/2016 CJR 0.49 I < 0.49 1.6 Methyl tert-butyl ether (MTBE) ug/l CJR 2/12/2016 1 2.6 8.3 1 GRO95/8021 < 2.6 ug/l Naphthalene GRO95/8021 2/12/2016 CJR ug/l 0.39 1.2 1 < 0.39 Toluene CJR 2/12/2016 1 2.2 GRO95/8021 ug/l 0.68 1 < 0.68 1,2,4-Trimethylbenzene GRO95/8021 2/12/2016 CJR l 2.6 < 0.83 0.83 1 ug/l 1,3,5-Trimethylbenzene CJR 2/12/2016 1 4.4 GRO95/8021 1.4 1 < 1.4 ug/l m&p-Xylene GRO95/8021 2/12/2016 CJR I 0.66 2.1 < 0.66 ug/l 1 o-Xylene 5030468C Lab Code MW-5 Sample ID Sample Matrix Water Sample Date 2/9/2016 Method Ext Date Run Date Analyst Code LOD LOQ Dil Unit Result Inorganic Metals 2/12/2016 CWT l 7421 < 0.7ug/L 0.7 2.5 1 Lead, Dissolved Organic PVOC + Naphthalene 2/12/2016 CJR GRO95/8021 0.46 1.5 Benzene < 0.46 ug/l GRO95/8021 2/12/2016 CJR 0.732.3 1 < 0.73ug/l Ethylbenzene 2/12/2016 CJR 1 GRO95/8021 0.49 1.6 ŀ Methyl tert-butyl ether (MTBE) < ().49 ug/l 2/12/2016 CJR GRO95/8021 2.6 8.3 1 < 2.6 ug/l Naphthalene CJR 0.39 1.2 GRO95/8021 2/12/2016 ug/l< 0.39 Toluene GRO95/8021 2/12/2016 CJR 0.68 2.2 < 0.68 ug/I İ

DAVE'S GAS STATION

Project Name

1,2,4-Trimethylbenzene

1,3,5-Trimethylbenzene

m&p-Xylene

o-Xylene

2/12/2016

2/12/2016

2/12/2016

GRO95/8021

GRO95/8021

GRO95/8021

2.6

4.4

2.1

1

0.83

1.4

0.66

ug/l

ug/l

ug/l

< 0.83

< ().66

< 1.4

CJR

CJR

CJR

1

1

Project Name Project #	· ·										
Lab Code Sample ID Sample Matrix Sample Date	5030468D MW-2 Water 2/9/2016	Dogult	Unit	LOD I	00 D	il	Method	Ext Date	Run Date	Analyst	Code
Inorganic		Result	Omt	LOD	JOQ D		Memou	Zitt Zitt	21	,	
Metals											
Lead, Dissolved		3.9	ug/L	0.7	2.5	I	7421		2/16/2016	CWT	1
Organic	411										
PVOC + Naph Benzene	tnaiene	< 0.46	ug/l	0.46	1.5	ı	GRO95/8021		2/12/2016	CJR	I
Ethylbenzene		< 0.73	ug/l	0.73	2.3	1	GRO95/8021		2/12/2016	CJR	1
Methyl tert-butyl et	her (MTBE)	< 0.49	ug/l	0.49	1.6	Ī	GRO95/8021		2/12/2016	CJR CJR	I I
Naphthalene		< 2.6	ug/l	2.6 0.39	8.3 1.2	l I	GRO95/8021 GRO95/8021		2/12/2016 2/12/2016	CJR	1
Toluene I,2,4-Trimethylben	zene	< 0.39 < 0.68	ug/l ug/l	0.59	2.2	1	GRO95/8021		2/12/2016	CJR	1
1,3,5-Trimethylben		< 0.83	ug/i	0.83	2.6	1	GRO95/8021		2/12/2016	CJR	1
m&p-Xylene		< 1.4	ug/l	1.4	4.4	1	GRO95/8021		2/12/2016 2/12/2016	CJR CJR	1
o-Xylene		< 0.66	ug/l	0.66	2.1	1	GRO95/8021		2/12/2010	CJIC	•
Lab Code	5030468E										
Sample ID	MW-1										
Sample Matrix											
Sample Date	2/9/2016	D14	Unit	LOD I	00 D	; 1	Method	Ext Date	Run Date	Analyst	Code
		Result	Onn	LOD	JOQ D	11	withou	DAI Date	Tun Dutt		
Inorganic											
Metals		10.6	ug/L	0.7	2.5	1	7421		2/16/2016	CWT	1
Lead, Dissolved Organic		10.0	ug/ L	0.7							
PVOC + Naph	thalene										
Benzene	marene	200	ug/l	23	75		GRO95/8021		2/13/2016	CJR	l
Ethylbenzene		1350	ug/l	36.5	115		GRO95/8021		2/13/2016 2/13/2016	CJR CJR	!
Methyl tert-butyl et	her (MTBE)	< 24.5	ug/l ug/l	24.5 130	80 415		GRO95/8021 GRO95/8021		2/13/2016	CJR	i
Naphthalenc Toluene		1000 1580	ug/l	19.5	60		GRO95/8021		2/13/2016	CJR	1
1,2,4-Trimethylben	zene	4000	ug/l	34	110		GRO95/8021		2/13/2016	CJR	1
1,3,5-Trimethylben	zene	1350	ug/l	41.5	130 220	50 50	GRO95/8021 GRO95/8021		2/13/2016 2/13/2016	CJR CJR	ı
m&p-Xylene		6200 2210	ug/l ug/l	70 33	105	50	GRO95/8021		2/13/2016	CJR	1
o-Xylene	#020460F	2210									
Lab Code	5030468F TB										
Sample ID Sample Matrix	Water										
Sample Matrix Sample Date	2/9/2016		*								
Sample Date	21712010	Result	Unit	LOD I	OQ D	il	Method	Ext Date	Run Date	Analyst	Code
Organic PVOC + Naph	thalene				-						
Benzene	-	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		2/12/2016	CJR	!
Ethylbenzene		< 0.73	ug/l	0.73	2.3	1	GRO95/8021 GRO95/8021		2/12/2016 2/12/2016	CJR CJR	ı I
Methyl tert-butyl et	her (MTBE)	< 0.49 < 2.6	ug/l ug/l	0.49 2.6	1.6 8.3	1	GRO95/8021		2/12/2016	CJR	İ
Naphthalene Toluene		< 0.39	ug/l	0.39	1.2	i	GRO95/8021		2/12/2016	CJR	1
1,2,4-Trimethylben	zene	< 0.68	ug/l	0.68	2.2	I	GRO95/8021		2/12/2016	CJR	1
1,3,5-Trimethylben		< 0.83	ug/l	0.83	2.6	1	GRO95/8021 GRO95/8021		2/12/2016 2/12/2016	CJR CJR	i Ī
m&p-Xylene		< 1.4 < 0.66	ug/l ug/l	1.4 0.66	4.4 2.1	ļ	GRO95/8021		2/12/2016	CJR	i
o-Xylene		. 0.00	46.	0.00		٠	•				

Project Name DAVE'S GAS STATION Project #

LOD Limit of Detection

LOQ Limit of Quantitation

Invoice # E30468

"J" Flag: Analyte detected between LOD and LOQ 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 STODY RECORD

Synergy

Chain	#	Νº	2	8	6	1

Lab I.D. #				99									Γ	ray	********	()1 <u> </u>		and the same of th	
Account No. :	Antonio (n. 1979), respectos que descendo em describence de la composito de la	Quote No.:		mal i	i ing ng tA i	b,	1	TC	L A		r		_			Request	` 1			
Project #.	er me e errer an arres a mari		**************************************	.,	1990 (Prospect Ct	t. • Appleton,	WL5	491	A			(1	Rushe	TUS B ac	cepte:	arysis id only	with pr	Required for author	rization)
Sampler (squage)	Jon Jan					•	• FAX 920-7			1					_)	<u>(</u>	Vorma	l Turn	Around	
Project (Name / Loc	ation): Daves	GAS Sta	A 102 / 10	Nerri	AM.	Park and get the same			Дr	alys	is Re	ques	ted					0	ther Ana	lysis
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Lab I.D.	Sample I.D.	Collection Date Time	Comp Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mad DRO	CHO (Mo	T	OIL & GREASE PAH (EPA 8270)	PCB	PVOC (EPA 8021) PVOC + NAPHTHALENE	SULFATE	IOI AL SUSPENDED	VOC (EP)	3-RCBA METALS			FID
50304 48 A	MW-3	2-9 1000		V	4	لماوع	HCL-, MNIS-		X			17	X							
\$	1 / WW - Y	1025	407 C 4 4 7 7 8 - 10 14 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7						X				X							
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	hod of Shipment		*	7	T manifestica, serianten e retriere	egyy and a second and a second and a second and a second and a second and a second and a second and a second a			.~~~~	····			of easy 1780 to minor out			nan ng Perestantang r	***************************************			and the second s
1	np. of Temp: Blai	Park Andrews of the Control of the																		
Cooler seal init	act upon receipt:	X Yes	No Re	ceived in L	aboratory By	Motival	Mi	-	energy of the Control	.,,,,,,				Time:	ð	-00		D،	ate: 2/11/1	/

Site Investigation Report - METCO Dave's Gas Station (Former)

APPENDIX C/ WELL AND BOREHOLE DOCUMENTATION

GROUNDWATER MONITORING WELL INFORMATION FORM Chapter 281 and 289, Wis. Stats.
Form 4400-89 Rev. 7-98

Rev. 7-98

				Fac	ility	ID Number					Completed By (Name and Firm)										
	Gas Stati		er)								26/201		Jon	Jensen/METCO)			,			
WI	****	DNR			ir.		Well (Eleva		Refe			Depths		·	337-11	337-11	r-e	Guad	Distance
Unique Well No	Well Name	Well ID Number	Well Location	N E	S W	Date Established	Diam.	Туре	Top of Well Casing	Ground Surface	MSL (√)	Site Datum	Screen Top	Initial Groundwater	Well Depth	Screen Length	Well Type				Distance to Wast
			240513.36	X									-								
VN736	MW-1		385698.24	x	-	8/28/2015	2	P	937.03	937.5	X		3	4.91	13	10	11/mw	A	X		
			240448.87	X	Н																
VN735	MW-2		385701.95	X		8/28/2015	2	P	936.63	937.12	X		3	4.55	13	10	11/mw	A	X	D	61
			240478.94	╁	Н	0/20/20/2	L		006.50						12	10					70
<u>VN734</u>	MW-3	<u> </u>	385626.67 240479.7	X	_	8/28/2015	2	P	936.72	937.01	X		3	5.05	13	10	11/mw	A	X	S	78
VN733	MW-4		385758.58	$\frac{1}{x}$	+	8/28/2015	,	P	936.09	936.64	$ _{\mathbf{x}}$		3	4.91	13	10	 11/mw	A	x	s	69
711755	10100-4		240563.84	X	-	0/20/2013	-	<u> </u>	750.07	250.04	<u> ^`</u>			1.51	10		127.11.11			ž	
VN737	MW-5	<u> </u>	385696.36	X		8/28/2015	2	P	937.76	938.19	х		3	5.86	13	10	11/mw	Α	x	U_	11
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	☐ Centr					Plane															

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

	Vatershed/Wastewater			MONITORING W Form 4400-113A	ELL CONSTRUCTION Rev. 7-98
Facility/Project Name	Remediation/Redevelopment Local Grid Location of We	-11		Well Name	
Facility License, Permit or Monitoring No.		stimated: 🗆) or	ft. DE. Well Location D	1 1/1/72/	No. DNR Well ID No.
Facility ID	St. Plane Section Location of Waste	fl N,	ft. E. S/C/N	Date Well Installed	
Type of Well Code MU	1/4 of1/4 of 3 Location of Well Relative	Sec,T	N, R W	Well Installed By:	Name (first, last) and Firm
Distance from Waste/ Enf. Stds. Sourceft. Apply _	u Downgradient r	Sidegradient Not Known		Gov	
	ft MSL		Cap and lock? Protective cover	•	Yes No
	ft MSL		a. Inside diamete b. Length:	r.	in. ft.
D. Surface seal, bottom ft. MS	X 2 3 1 / 2 3 1 /		c. Material:	nontine 7	Steel 52 04 Other 🗆 🎆
GP GM GC GW S SM SC D ML MH C	w 🗆 SP 🗆 🔪		-	e:	Yes S No Bentonite 30
Bedrock 2 13. Sieve analysis performed?	cs ZNe		. Surface scal:		Concrete 0 1 Other
Hollow Stem Au	ary 25 5 0 ger 10.4 1 her 🗆 🎆	4	. Material between	well casing and prot	Bentonite 2 30 Other 1
{	Air 🗶 0 1 one 🗆 99		Lbs/gal n	nud weight Bento nud weight B	
	cs tanto		,Ft	ite Bentoni	
Describe	red):		. Bentonite seal:	T a. Ben	Gravity 0 8
E. Bentonite seal, top ft. MSI	_ or ft.		6. 🗆 1/4 in. 🦠	3/8 in. 1/2 in.	Bentonite chips
F. Fine sand, top ft. MSI		7.	^ /	al: Manufecturer, pro	oduct name & mesh size
G. Filter pack, top ft. MSI	7	1 1 8	b. Volume added		_ft ³ oduct name & mesh size
H. Screen joint, top ft. MSI	or			5 20/40	
	or{_25 ft.	9.	Well casing:	Flush threaded PVC Flush threaded PVC	schedule 40 2 3 chedule 80 2 4
J. Filter pack, bottom ft. MSI		10	. Screen material:	PVC	Other 🗆 🚆
K. Borehole, bottom	or _ <u>/2·2</u> ft.		a. Screen type:	C	Factory cut 1 1 1 ontinuous slot 1 0 1
L. Borehole, diameterin.	•		b. Manufacturer	Johnson	Other 🗆 🌉
M. O.D. well casing 237 in.		\	c. Slot size:d. Slotted length;		0. <i>0[0</i> in. _ <i>JQ</i> ft.
N. I.D. well casing 204 in.	-			(below filter pack):	None 4 Other 🗆 🎆
I hereby certify that the information on this f		he best of my know	ledge.		
Signature	Firm 6	round	SOUC	ce	

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 cb. 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.

	Watershed/Wastewater		Waste Mans		MONITORING W Form 4400-113A	ELL CONSTRUCTION
Facility/Project Name	Remediation/Redevelor Local Grid Location of	of Well _			Well Name	
Form Daves Gas Steation	1	S.		r. 🗆 E.	MA	U-2
Facility License, Permit or Monitoring No.	Local Grid Origin Lat	(estimated Lor	i: 🗆) or	Well Location []	Wis. Unique Well N	No. DNR Well ID No.
Facility ID	St. Plane	fl. N,			Date Well Installed	312812015
Type of Well	Section Location of W			ПР	Well Installed By:	m d d y y y y Name (first, last) and Fire
Well Code Mu	1/4 of 1/4	4 of Sec	,T	и, r 🖁 🕏		+ Cracia
Distance from Waste/ Enf. Sids.	Location of Well Rela u Upgradient		e/Source idegradient	Gov. Lot Number		15
Sourceft. Apply	d Downgradient		ot Known		(000r	
A. Protective pipe, top elevation	frMSL —	7		Cap and lock?		Yes No
B. Well casing, top elevation	ft. MSL	- †A	10 L	Protective cover p. Inside diameter	•	in.
C. Land surface elevation	ft. MSL			b. Length:		ft.
D. Surface seal, bottom ft. MS	f ->===	x :3	1496	c. Material:		Sicel 52 04
						Other 🗆 🍱
12. USCS classification of soil near screen		,	X	d. Additional prof	lection? 2:	□ Yes XNo
GP GM GC GW S SM G SC G ML G MH G	W D SP D CH D		1 / }	ir yes, describe	?:	
Bedrock 2			3.	Surface scal:		Bentonite 3 0 Concrete 0 1
13. Sieve analysis performed?	Cs ZNe					Other 🗆
14. Drilling method used: Rot	arv 💥 50		4.	Material between	well casing and prote	
Hollow Stem Au			"		on odoza, g and produ	Bentonite 2 30
	her 🗆 🎎					Other 🗆
	V C		5.	Annular space sea]: a. Granular/Chi	ipped Bentonite 5 3 3
0	Air 🗴 0 1		, h	Lbs/gal m	ud weight Benton	nite-sand slurry 35
Drilling Mud 🗆 0 3 N	Ione 🗆 99		c.	Lbs/gal m	ud weight Be	entonite slurry 31
16. Drilling additives used?	cs DANO		d.	% Bentoni	te Bentonit	ce-cement grout D 50
To Diming sound to make	25 KZ 140		ε.	Fı ³	volume added for ar	
Describe	1		f.	How installed:		Tremie 🗆 01
17. Source of water (attach analysis, if requi					Ti	remie pumped 0 2
			6	Bentonite scal:	a Rent	Gravity 5 0 8 tomite granules 3 3
			1			Bentonite chips \$2 3 2
E. Bentonite seal, top ft MSI	or ft			c		Other 🗆 💥
F. Fine sand, top ft. MSI	_or 2 _5ft.\\			^ /		duct name & mesh size
	25				1 40/60	
G. Filter pack, top ft. MS1	orft.					
H. Screen joint, top ft. MSI	~ 3 _* ~	/	√ 8.			oduct name & mesh size
H. Screen joint, top ft. MSL	/Or IL.				20/40	ft ³
I. Well bottom ft. MSI	or{3ft.\	: 23:		b. Volume added Well casing:	Fluck threaded DVC	schedule 40 S2 23
· · · · · · · · · · · · · · · · · · ·	. \		٫,	wen easing.	Flush threaded PVC	
J. Filter pack, bottom ft. MSL	or 133 n.	/[富]				Other 🗆 🚆
			10.	Screen material:	PVC	
K. Borchole, bottom	, or _ <u> </u>			. Screen type:		Factory cut 18 1
					Co	mtinuous slot 🗆 01
L. Borchole, diameter in.			\			Other 🗆 🧱
M. O.D. well casing _ 237 in.			` `	Manufacturer _	Johnson	7
M. O.D. well casingin.			, ,			0. <i>0/0</i> in.
N. I.D. well casing 204 in.			\ d	•	nalam film 1-1	_ <u>J.Q</u> ft.
N. I.D. well casing in.			11.1	Backfill material (t	below filter pack):	None 4
I hereby certify that the information on this f	orm is true and correct	to the best of	f my know!	edge.		Outer CI WW
Signature ()	Firm	47				
- COXERT		610c	Md	5001	Ce	

Please complete both Forms 4400-113B 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 Netward Resources Route to: N	Watershed/Wastowater [Waste Management	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
	Down dietien ID edenale	Other	
Facility/Project Name	Local Grid Location of Well	N. \square E.	Well Name
torus vaves et s steation	l	S	MW-3
Facility License, Permit or Monitoring No.	Local Grid Origin (estimat	ted: 🛘) or Well Location 🗍	11/1/2011
Facility ID	St. Plane ft. N.	-	
	Section Location of Waste/Sour	cce	m m d d y y y y
Type of Well Mil.	1/4 of1/4 of Sec	.T. N.R. 🖁 🕏	Well Installed By: Name (first, last) and Firm
Well Code Mu	Location of Well Relative to Wa	aste/Source Gov Let Number	- Plant Crais
Distance from Waste/ Enf. Stds.	u 🗆 Upgradient s 🗎	Sidegradient	150 Stc-
Sourceft. Apply	d Downgradient n	Not Known	(Sound DOTICE)
A. Protective pipe, top elevation	li li	1. Cap and lock? 2. Protective cover	Yes No
B. Well casing, top elevation	ft MSL	a. Inside diamete	• •
C. Land surface elevation	ft MSL	b. Length:	ft.
	1	c. Material:	Sieel 52° 04
D. Surface seal, bottom ft. MS	Lor IL G		Other 🛚 🏥
12. USCS classification of soil near screen	" See See	d. Additional pro	otection?
GP GM GC GW GS	W D SP D \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	If yes, describ	e:
1	T CH CH CH CH		Bentonite 🗖 30
Bedrock 2		3. Surface scal:	Concrete 0 1
13. Sieve analysis performed?	cs The		Other 🗆
14. Drilling method used: Rote	ary 🔰 5 0	4. Material between	well easing and protective pipe:
Hollow Stem Au	ger : 1 4 1		Bentonite 30
	her 🗆 🎇		Other 🗆
		5. Annular space se	- 4 1514 155
15. Drilling fluid used: Water 0 2	Air X 01		nud weight Bentonite-sand slurry 35
Drilling Mud □ 03 N	Ione 🗆 99 🛞		nud weight Bentonite slurry 31
		d % Bentom	ite Bentonite-cement grout 50
16. Drilling additives used?	Ce DANO	FI.	volume added for any of the above
		f. How installed:	- · -
Describe		I, How instances.	Tremie pumped 🛘 02
17. Source of water (attach analysis, if requi	ired):		Gravity:52 0 8
		(V) 6. Bentonite scal:	a. Bentonite granules 33
			√8 in. □ 1/2 in. Bentonite chips ♥ 32
E. Bentonite seal, top ft. MSL	_or ft	/ 6	Other D
F. Fine sand, top ft. MS1	0, 250	7. Fine sand materia	l: Manufacturer, product name & mesh size
	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Buds-	er 40/60
G. Filter pack, top ft. MSL	or 2.5 ft.	b. Volume added	
	マ <u> </u>		al: Manufacturer, product name & mesh size
H. Screen joint, top ft. MSL	. or ft.		T 20/40
	12	b. Volume added	_ G ft ³
I. Well bottom ft. MSL	.or(2A.\ [] [[]]	9. Well casing:	Flush threaded PVC schedule 40 5 23
	136 【層		Flush threaded PVC schedule 80 1 24
J. Filterpack, bottom ft. MSL	or _ 120 ft.	╝ ─	Other 🗆 🚆
		10. Screen material:	PYC ®
K. Borchole, bottom ft. MSL	or _ 1/22 ft.	a. Screen type:	Factory cut 1
ſ		\$	Continuous slot 🔲 0 1
L. Borchole, diameter in.	-	<u> </u>	Other 🗆 💥
127		b. Manufacturer	
M. O.D. well casing _ 237 in.		c. Slot size:	0. <i>010</i> in.
2011		d. Slotted length:	_ ∫_Q ∩.
N. I.D. well casing _204 in.		11. Backfill material ((below filter pack): None 4
			Other 🛘 🚃
I hereby certify that the information on this f	orm is true and correct to the bes	t of my knowledge.	
Signature (1)	Firm /7	10.	
UZER	6.0	1006 5001	<u>e</u>

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 Mana	agement [MONITORING WI Form 4400-113A	ELL CONSTRUC	CTION
	n - 1 4' - m - 1 - 1 - 1			rotin 4400-113A	KPV. 1-90	
Facility/Project Name	Local Grid Location of Well			Well Name		
Form Daves Eas Station	n	□ S	r. 🗆 w.	MU	1/4	
Pacility License, Permit or Monitoring No.	Local Grid Origin (estin	mated: 🗆) or	Well Location	Wis. Unique Well N	io. IDNR Well ID	No.
	Lat	"long"	or ii	1/1/73 =	3	
Facility ID	7			Date Well Installed	===	=
Facility ID	St. Planeft		fl. E. S/C/N	22	2128120	15
<u> </u>	Section Location of Waste/S	ource	Оп		m dd y y	<u> </u>
Type of Well Mil	1/4 of 1/4 of Sea	c,T	N. R	Well Installed By:		no rum
Well Code /////	Location of Well Relative to		Gov. Lot Number	Tlany	+ Crais	_
Distance from Waste/ Enf. Stds.		☐ Sidegradient	GOV. DOL INGINDER	1	15.0	_
Sourceft Apply	d Downgradient n			(dan	<u> </u>	رمي
A. Protective pipe, top elevation			. Cap and lock?	1	Yes □	No
A. Protective pipe, top elevation	II .		. Protective cover p	nine:		
B. Well casing, top elevation	ft MSL		a. Inside diameter	•		:
2. Won comig, up the annual				•		_ in.
C. Land surface elevation	ft.MSL		b. Length:			_ ft.
D. Surface seal, bottom ft. MS		1 7.75	c. Material:		Sieel 💆	
D. Surface teal, bottom n. MS	Cor Z				Other 🗆	22
12. USCS classification of soil near screen	1:	N. Z.	d. Additional prof	ection?	☐ Yes \	(No
GP GM GC GW GS	w o sp o l 🔪 🗓	1 113/ /	If yes, describe	?·		`
SM SC ML MHO	ıl ch 🗆 🗼	1 11 / /	•		Bentonite 🗆	30
Bedrock &	188	3.	. Surface scal:		Concrete	
13. Sieve analysis performed?	res Zitte					
	1 100	}			Other 🗆	22
	ary X 50	4.	. Material between	well casing and prote		,
Hollow Stem Au					Bentonite	_ 30
O	ther 🗆 🎎	183			Other 🗆	
		5.	Annular space sea	1: a. Granular/Chi	pped Bentonite	233
	Air X 01		I he/aal m	ud weight Benton		
Drilling Mud 🗆 0 3 N	Ione 🗆 99 💮	1 88 °	L balaat m	ud weight Be		3 1
	. 💹	, M	Los/gai m	te Bentonite	nionite stury	
16. Drilling additives used?	Cos DANO	· (8)	70 Belitolii	te bentonia	s-centent grout Li	3 0
	· `	} (%) e.	. Pl ¯	volume added for an		
Describe		f.	How installed:			
1		BS		$\tau_{\rm r}$	remie pumped 🔲	02
17. Source of water (attach analysis, if requ	irea):	183			Gravity 烒	0.8
	1 884	6.	Bentonite scal:	a. Bent	onite granules 🔲	
		(X	h 🗆 1/4 in. 150	[/8 in. □1/2 in. B		
E. Bentonite seal, top ft. MSI	or /ft.		o. — / -	2	Other 🗆	
Li baltolina scal, ap	2		·		CALLET L	\$2.00 1
F. Fine sand, top ft. MS1	~ 2.5a \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	図 / 7.	Fine sand material	: Manufaçturer, prod	duct name & mesh	ı size
F. Fine sand, top ft. MS1	-or Z-12 II. \ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		Roy Ho a	5 40/60		
G. Filter pack, top ft. MS1	- 2.5。 \ 图		•			
G. Filter pack, top ft. MSI	- or tt. 人 分				ft ³	
	2	8.	Filter pack materia	il: Manufacturer, pro	duct name & mesl	h size
H. Screen joint, top ft. MSI	_ or ft.		. Adaes	20/41)		3800
• • • • • •		200	1 Value Lad	ξ/-	ft 3	STATE:
I. Well bottom ft. MSI	$_{\rm Lor}$ $13_{\rm R}$		Well casing:	Flush threaded PVC	schedule 40 'Sic	123
		選川	on ousing.	Flush threaded PVC		
J. Filter pack, bottom ft. MSL	/35 a_ \@			Fidsh direaded PVC		24
J. Piller pack, bottom IL MSL	· · · · · · · · · · · · · · · · · · ·			200	Other 📙	0000 1000
	136	10.	Screen material: _		·	
K. Borehole, bottom ft. MSL	. or _ 1 2 2 1t.\	8	i. Screen type:		Factory cut K	J 1
<i>C</i>				Co	ntinuous slot 🔲	0.1
L. Borchole, diameter & in.	\E2.	222			Other 🗆	300
		\	. Manufacturer	Johnson		thong:
M. O.D. well casing		\			0. <i>0[</i>	172c
MI, O.D. WELL DESILIS _ JULY IN.		\ .				
N. I.D. well casing 204 in.		\ d	-			
N. I.D. well casing in.		11.	Backfill material (1	selow filter pack):	None 🔀	
				*	Other 🛘	303
I hereby certify that the information on this f	orm is true and correct to the	best of my knowl	ledge.			
Signature /	Firm 77	,	<u> </u>			
	(00)	ひしんし	San	0		
<u>} </u>		<u> </u>	<u> </u>			

Please complete both Forms 4400-113B and 4400-113B and return them to the appropriate DNR affice 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

	Watershed/Wastewater	Waste Mana		MONITORING WI Form 4400-113A	ELL CONSTRUCTION Rev. 7-98
Facility/Project Name	Remediation/Redevelopment Local Grid Location of Well	1		Well Name	
Form Daves Exs Station	!	□ S	r. Be.	Mu	
Facility License, Permit or Monitoring No.	Lat (esti			Wis. Unique Well N	o. DNR Well ID No.
Facility ID	St. Planeft.	. N,		Date Well Installed	12812015
Type of Well	Section Location of Waste/S		ΠE		n d d y y y y Name (first, last) and Firm
Well Code MW	1/4 of 1/4 of Se				Craiz
Distance from Waste/ Enf. Stds.	Location of Well Relative to u D Upgradient s	Sidegradient	Gov. Lot Number		(5)
Sourceft. Apply [d Downgradient n			Quin	
A. Protective pipe, top elevation	li li		Cap and lock? Protective cover p	ine:	Yes No
B. Well casing, top elevation	ft MSL		a. Inside diameter		in.
C. Land surface elevation =	ft. MSL		b. Length:		ft.
D. Surface seal, bottom ft. MS	Lor ft.	The state of the s	c. Material:		Steel 52 04
12. USCS classification of soil near screen	\$543,000,000	1.1%	d. Additional prot	ection?	Other 🗆 🌉
GP GM GC GW S	W D SP D			·	
SM SC ML MH C	r c c c l	4 14 / 1	Surface scal:		Bentonite [] 30
Bedrock 13. Sieve snalysis performed?	es Pina		Surface sear.		Concrete 01
14. Drilling method used: Rot		 	Material between	well casing and protec	Other 🛘 📗
Hollow Stem Au	ger 6 4 1		Waterial Detween	well cashig and protei	Bentonite 2 30
Or	her 🗆 🎎				Other 🗆 🍱
15. Drilling fluid used: Water 0 2	Air X 01				pped Bentonite 3 3
	one 99			ud weight Benton	
				ud weight Be	ntonite slurry D 3 1 c-cement grout D 5 0
16. Drilling additives used?	Cos DANO			volume added for any	
Describe		f.			Tremie 🔲 01
17. Source of water (attach analysis, if requi				Tre	emie pumped 🔲 02
		6.	Bentonite scal:	a. Bento	Gravity 0 8 omite granules 3 3
	 _				entonite chips (2 3 2
E. Bentonite seal, top ft. MSI	or Lft. \		c		Other 🛘 🎇
F. Fine sand, top ft. MSI	or_25t.\	7.			luct name & mesh size
	_ Y		a. Budge	C 40/60	
G. Filter pack, top ft. MS1	or ft.		b. Volume added		ft ³
H. Screen joint, top ft. MSL	$_{\rm or}$ 3 $_{\rm e}$			l: Manufacturer, proc	duct name & mesh size
	,				ft3
I. Well bottom ft. MSL	or_13n.	3.3	Well casing:	Flush threaded PVC:	schedule 40 SZ 23
J. Filter pack, bottom ft. MSL	_ 135			Flush threaded PVC:	
		10	Screen material:	PUZ	Other 🛘 💥
K. Borehole, bottom	or _ 13.5 ft.		. Screen type:		Factory cut 1
_				Cor	ntinuous slot 🔲 01
L. Borchole, diameter 6 in.				Tolancon	Other 🛘 💆
M. O.D. well casing _ 237 in.		, b.	. Manufacturer _ . Sloi size:	Johnson	0. <i>0[Q</i> in.
		\ d.	6 1		
N. I.D. well casing _204 in.		11.0	Backfill material (b	elow filter pack):	None 4
I hereby certify that the information on this fe	orm is true and correct to the	heat of my knowle			Other 🗌 🌉
Signature Signature	Firm 7	t t	~~ <u>~</u>		
(extent	60	ound	5000	ce	
, , , , , , , , , , , , , , , , , , ,					

Please complete both Porms 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.

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewa	ater	Waste Management			
Remediation/Redeve	elopment [X]	Other			
Facility/Project Name	County Name		Well Name		
Dave's Gas Station		JACKSON		MW-1	
Facility License, Permit or Monitoring Number	County Code .27	Wis. Unique Well Nu	1mber N736	DNR We	ell ID Number ———
1. Can this well be purged dry?	X No	11. Depth to Water			After Development
2. Well development method surged with bailer and bailed	_ min.	well casing) Date	b. $\frac{08}{m} / \frac{28}{d}$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \frac{5}{y} = \frac{8}{m} \frac{\sqrt{38}}{d} \frac{\sqrt{2015}}{y} \frac{\sqrt{y}}{y} $ $ \frac{02}{y} : \frac{00}{x} \frac{\sqrt{3}}{y} \frac{a.m.}{y} $ $ \underline{02} : \frac{00}{x} \frac{\sqrt{3}}{y} \frac{a.m.}{y} $ $ \underline{03} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{04} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{05} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{05} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{05} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{05} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{05} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{05} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{07} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{07} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{07} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{07} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{07} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{07} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{07} : \frac{1}{y} \frac{a.m.}{y} $ $ \underline{07} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{07} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{07} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{07} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{07} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{07} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{07} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{07} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{07} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{07} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{07} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{07} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{07} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{07} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $ \underline{07} : \frac{1}{y} \frac{a.m.}{y} \frac{a.m.}{y} $ $\underline{07} : \frac{1}{y} \frac{a.m.}{y} a.m$
4. Depth of well (from top of well casisng) $\frac{13}{2}$ = 5. Inside diameter of well $\frac{2}{2}$ = $\frac{1}{2}$			Low Turbid	ity	Low Turbidity
6. Volume of water in filter pack and well casing 8.9		Fill in if drilling fluids	were used an	d well is a	t solid waste facility:
7. Volume of water removed from well 35 8. Volume of water added (if any)		14. Total suspended solids		_ mg/l	mg/l
9. Source of water added		15. COD		mg/l	mg/l
10. Analysis performed on water added? Yes (If yes, attach results)	1	16. Well developed by First Name: Eric Firm: METCO		st) and Firm Last Name	
17. Additional comments on development:					
Local Address of Position Control To 1977	T.		nv		
Name and Address of Facility Contact /Owner/Responsible Parirst Last Lechner Name: Description:		of my knowledge.	the above info	rmation is	true and correct to the best
acility/Firm: Dave's Gas Station		Signature:			
treet: P.O. Box 86 City/State/Zip: Black River Falls WI 5461		Firm: METCO			

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater	Waste Managemen	ıt 🔲
Remediation/Redevelopmen	it [X] Other []	
Facility/Project Name County N	lame	Well Name
Dave's Gas Station	JACKSON	MW-2
Facility License, Permit or Monitoring Number County C		Number DNR Well ID Number N735
1. Can this well be purged dry?	To 11. Depth to Water	Before Development After Development
2. Well development method	(from top of	a. 4.55 ft. 6.25 ft.
surged with bailer and bailed \(\begin{array}{cccccccccccccccccccccccccccccccccccc	well casing)	
surged with bailer and pumped X 6 1 Surged with block and bailed 4 2	Date	. 08 / 28 / 2015 8/ /\\ 2015
surged with block and pumped		$b \cdot \frac{08}{m} / \frac{28}{d} / \frac{2015}{y} = \frac{8}{y} / \frac{38}{y} / \frac{3015}{y} = \frac{8}{m} / \frac{38}{d} / \frac{2015}{y} = \frac{15}{y}$
surged with block, bailed and pumped \Box 70		
compressed air	Time	c. $\frac{12}{12}$: $\frac{18}{18}$ $\frac{12}{18}$ is $\frac{12}{12}$: $\frac{47}{18}$ $\frac{12}{18}$ is $\frac{12}{18}$ in $\frac{12}{18}$ is $\frac{12}{18}$ in $\frac{12}{18}$ in $\frac{12}{18}$ in $\frac{12}{18}$ in $\frac{12}{18}$ in $\frac{12}{18}$ in $\frac{12}{18}$ in $\frac{12}{18}$ in $\frac{12}{18}$ in $\frac{12}{18}$ in $\frac{12}{18}$ in $\frac{12}{18}$
bailed only		
pumped only	12. Sediment in well	inches inches
pumped slowly	bottom	
Other	13. Water clarity	Clear 10 Clear X 20 Turbid X 15 Turbid \(\text{ 25} \)
3. Time spent developing well 29 min.		(Describe) (Describe) Light Gray Clear
4. Depth of well (from top of well casisng) 13 ft.		Medium Turbidity Low Turbidity
5. Inside diameter of well in.		
6. Volume of water in filter pack and well		
casing 9.3 gal.		
5 v	Fill in if drilling fluid	ds were used and well is at solid waste facility:
7. Volume of water removed from well 45 gal.		
8. Volume of water added (if any) gal.	solids	mg/l mg/l
9. Source of water added	15. COD	mg/l mg/l
	16. Well developed b	y: Name (first, last) and Firm
10. Analysis performed on water added? Yes No (If yes, attach results)	1	
	Firm: METCO	
17. Additional comments on development:		
Name and Address of Facility Contact /Owner/Responsible Party		
First Last	of my knowledge.	the above information is true and correct to the best
Name:Natt	- Of my knowledge.	. 1
Facility/Firm: Dave's Gas Station	Signature: 1/1/1/1	J & dhun
Street: P.O. Box 86	Print Name: Dillon P	lamann
City/State/Zip: Black River Falls WI 54615-	Firm: METCO	
	4	

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wa	stewater	Waste Managemen	t 🔚		
Remediation/R	Redevelopment[X]	Other			
Facility/Project Name	County Name		Well Name		
Dave's Gas Station	1 -	JACKSON	ĺ	MW-3	
Facility License, Permit or Monitoring Number	County Code .27	Wis. Unique Well N	lumber N734	DNR We	ell ID Number — — —
1. Can this well be purged dry? \Box	Yes X No	11. Depth to Water	Before Dev	elopment	After Development
surged with bailer and pumped surged with block and bailed surged with block and pumped surged with block, bailed and pumped compressed air bailed only pumped only pumped slowly Other 3. Time spent developing well 46 4. Depth of well (from top of well casisng)	41 61 42 62 70 20 10 51 50min.	(from top of well casing) Date	b. <u>08</u> / <u>28</u> d d d c. <u>11</u> : <u>14</u> Clear 「 1 Turbid X 1 (Describe) Tan	/ 2015 y y y y 4	
6. Volume of water in filter pack and well casing 8.7 7. Volume of water removed from well 70	gal. gal. gal.	14. Total suspended solids15. COD		mg/l	t solid waste facility: mg/l mg/l
10. Analysis performed on water added?		16. Well developed by First Name: Eric Firm: METCO	•	st) and Firm Last Name	
17. Additional comments on development:					
Name and Address of Facility Contact/Owner/Responsi	ble Party	XIIIII III			
First Last Lechner Name: Name: Name:		of my knowledge.	the above info	rmation is	true and correct to the best
acility/Firm: Dave's Gas Station		Signature: WM	J / Mm		
treet: P.O. Box 86		Print Name: Dillon Pl	amann		
City/State/Zip: Black River Falls WI	54615-	Firm: METCO			

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wastew	ater 🔲	Waste Management [
Remediation/Redev	relopment [X]	Other	<u></u> -	
Facility/Project Name Dave's Gas Station	County Name	JACKSON	Well Name	IW-4
Facility License, Permit or Monitoring Number	County Code _27	Wis. Unique Well Nu	mber DN 733_	R Well ID Number
1. Can this well be purged dry?	X No	11. Depth to Water	Before Develop	oment After Development
2. Well development method surged with bailer and bailed surged with bailer and pumped surged with block and bailed 4 1 4 2		well casing)		ft. $\frac{6.01}{y \ y \ y} = \frac{8}{m \ m} \frac{\sqrt{\frac{8}{y}}}{d \ d \ y \ y \ y} \frac{2015}{y \ y \ y}$
surged with block and pumped)		· ·	y y y m m d d y y y y a.m. p.m. 11 : 09 ☐ p.m.
pumped only			in	Clear X 20
3. Time spent developing well 47	_ min.		Turbid X 15 (Describe) Tan	Turbid □ 2.5 (Describe) Clear
4. Depth of well (from top of well casisng) 13			Medium Turbidi	ty Low Turbidity
5. Inside diameter of well $\frac{2}{2}$	in.			
6. Volume of water in filter pack and well casing 8.9		Fill in if drilling fluids	were used and we	ell is at solid waste facility:
7. Volume of water removed from well 65 8. Volume of water added (if any)	-	14. Total suspended solids	r	mg/l mg/l
9. Source of water added		15. COD		mg/l mg/l
10. Analysis performed on water added? (If yes, attach results)	□ No	16. Well developed by: First Name: Eric Firm: METCO		d Firm Name: Dahl
17. Additional comments on development:				
Name and Address of Facility Contact /Owner/Responsible Pa First Last Lechner Name:Name:	arty	I hereby certify that the of my knowledge.	he above informat	ion is true and correct to the best
Facility/Firm: Dave's Gas Station		Signature: UM) & llum	4
Street: P.O. Box 86		Print Name: Dillon Plan	mann	
City/State/Zip: Black River Falls WI 5461	15-	Firm: METCO		

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wastev	vater	Waste Management		
Remediation/Rede	velopment[X]	Other		
Facility/Project Name	County Name		Well Name	
Dave's Gas Station	, .	JACKSON	MW	7-5
Facility License, Permit or Monitoring Number	County Code27	Wis. Unique Well Nu	Imber DNR	Well ID Number
1. Can this well be purged dry?	s X No	11. Depth to Water		ent After Development
2. Well development method			ı. <u>5.86</u> f	t. <u>7.72</u> ft.
surged with bailer and bailed 4	1	well casing)		
surged with bailer and pumped X 6 surged with block and bailed 4 surged with block and pumped 6	2	Date t	$\frac{08}{m} / \frac{28}{d} / \frac{20}{d}$	$\frac{215}{y} = \frac{8}{y} \frac{28}{m} \frac{28}{d} \frac{2015}{y} = \frac{15}{y}$
surged with block, bailed and pumped 7		1		
compressed air		Time c	$09 : 09 \overset{X}{\square} p$	m. $\underline{10}$: $\underline{14}$ \underline{X} a.m. \underline{n} p.m.
bailed only				r
pumped only	1	12. Sediment in well	inch	es inches
pumped slowly		bottom		
Other	•	13. Water clarity	Clear 10 Turbid X 15	Clear X 20 Turbid□ 25
3. Time spent developing well 65			(Describe) Gray	(Describe) Clear
4. Depth of well (from top of well casisng) 13			High Turbidity	Low Turbidity
5. Inside diameter of well	in.			
6. Volume of water in filter pack and well casing 7.9	gal.			
7. Volume of water removed from well 90	gal.	_		is at solid waste facility:
8. Volume of water added (if any)	gal.	14. Total suspended solids	mg	g/l mg/l
9. Source of water added		15. COD	mg	/l mg/l
		16. Well developed by:	Name (first, last) and F	rirm
10. Analysis performed on water added? Yes (If yes, attach results)	□ No	First Name: Eric	Last N	ame: Dahl
		Firm: METCO		
17. Additional comments on development:				
Name and Address of Facility Contact/Owner/Responsible I First Name: Matt Last Name: Lechner	Party	I hereby certify that to of my knowledge.	he above information	n is true and correct to the best
Facility/Firm: Dave's Gas Station		Signature: DMM	J & Moun	
Street: P.O. Box 86		Print Name: Dillon Pla	mann	
City/State/Zip: Black River Falls WI 546	15-	Firm: METCO		

SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

Route To:

Watershed / Wastewater:
Remediation / Redevelopment:

Waste Management:

Omer.	

Facility / Project Name	Licens	e / Pern	nit / Mor	nitoring	Number		ı ug	· · · · · ·	Bo	oring Number
Dave's Gas Station G-1										
Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started			Drilling Date Completed			ed		illing Method	
First: Darrin Last: Prentice	10/13/2014				10/13/20 ⁻	<u>14</u>		Geoprobe		
Firm: Geiss Soil & Samples LLC	MM/ DD/ YYYY				M /DD/ Y				•	
WI Unique Well No. DNR Well ID No. Well Name	Fin	al Static	Water I	_evel	Surface Elevation				E	Borehole Diameter
		935 F	eet MSL		940 Feet MSL					2 inches
Local Grid Origin (estimated X) or Boring Location						Local (Grid Loc	ation		
State Plane N, E		° 27 ' 14				١		E		
SE ½ of SE ½ of Section 22, T 23 N, R 4 W Facility ID County	Long 9	0° 50 ' 36		y Code		Feet	S Feet Civil Tov		. / \ /	Gliana
•				-		(-		-
Jackson			- 2	27	Propertie		Villag	e of Me	errilla	an
		т	T	3011 F	1	;s	Г	T ¥		f
Number & Type Length Att. & Recovered (in) Blow Counts Blow Counts Blow Counts And Geologic Origin For Each Wajor Unit	USCS	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
G-1-1 48	SP CL			125		Moist/Wei				Petro Odor Petro Odor And Staining
12					l					
I hereby certify that the information on this form is true and correct to the best	of my k	nowledo	je					1		
Signature:					Firm:	ME	TCO			

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

SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

Watershed / Wastewater: Waste Management: Route To: Remediation / Redevelopment: Other: Page Facility / Project Name License / Permit / Monitoring Number Boring Number Dave's Gas Station Boring Drilled By: Name of crew chief (first, last) and Firm Drilling Date Started Drilling Date Completed Drilling Method First: Darrin Last: Prentice 10/13/2014 10/13/2014 Geoprobe MM /DD/ YYYY MM/ DD/ YYYY Firm: Geiss Soil & Samples LLC WI Unique Well No. DNR Well ID No. Surface Elevation Well Name Final Static Water Level Borehole Diameter 935 Feet MSL 940 Feet MSL 2 inches Local Grid Origin (estimated X) or Boring Location Local Grid Location Lat 44°27'14" State Plane N. Ν SE 1/4 of SE 1/4 of Section 22, T 23 N, R 4 W Long 90° 50 ' 36 " Feet S Feet W Facility ID County County Code Civil Town / City / Village · Jackson 27 Village of Merrillan Soil Properties Sample Depth in Feet (below ground surface) Number & Type જ ં≘ Plasticity Index Counts Graphic Log Diagram Compressive Strength iquid Limit Length Att. Recovered (i PID / FID Moisture Content USCS Soil / Rock Description And Geologic Origin RQD / Comments Blow (For Each Major Unit Nell 48 Brown fine to coarse grained sand SP 10 Moist No Petro Odor Brown fine to coarse grained sand (4-6 feet). SP CL 50 Moist/We Petro Odor Gray Clay 36 From 5-8 ft an weathered dolomite (8-10 feet). 10 Moist Slight petro odor 8-10 ft 24 10 EOB @ 10 Feet. Groundwater Sample G-2-W collected at 6-10 feet. Borehole abandoned.

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

Signature:

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

Firm:

METCO

SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

Watershed / Wastewater: Route To: Waste Management: Remediation / Redevelopment: Other: Page Facility / Project Name License / Permit / Monitoring Number Boring Number Dave's Gas Station Boring Drilled By: Name of crew chief (first, last) and Firm Drilling Date Started **Drilling Date Completed Drilling Method** First: Darrin Last: Prentice 10/13/2014 10/13/2014 Geoprobe MM/ DD/ YYYY MM /DD/ YYYY Firm: Geiss Soil & Samples LLC WI Unique Well No. DNR Well ID No. Well Name Final Static Water Level Borehole Diameter Surface Elevation 935 Feet MSL 940 Feet MSL 2 inches Local Grid Origin (estimated X) or Boring Location Local Grid Location Lat 44°27'14" State Plane SE 1/4 of SE 1/4 of Section 22, T 23 N, R 4 W Long 90° 50 ' 36 " Feet S Feet W Facility ID County County Code Civil Town / City / Village Jackson Village of Merrillan Soil Properties Sample Number & Type Depth in Feet (below ground જ ં≘ Diagram Plasticity Index Blow Counts Graphic Log Compressive Strength iquid Limit Length Att. Recovered (surface) USCS PID / FID Moisture Content Soil / Rock Description And Geologic Origin RQD / Comments For Each Major Unit Vell G-3-1 0-4 ft 48 Orange to tan fine to coarse grained sand SP Moist No Petro Odor Tan to gray fine to coarse grained sand SP Most/Wet No Petro Odor EOB @ 8 Feet. Groundwater Sample G-3-W collected at 4-8 feet. Borehole abandoned. 10

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

for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Signature:

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

Firm:

METCO

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98 Route To: Watershed / Wastewater: Waste Management: Remediation / Redevelopment: Other:

						_				,	Page	1	of	1
Facility /	Project	Name			Licens	e / Perm	it / Mon	itoring l	Number				Во	oring Number
Dave's G												_	G-	-4
Boring D	rilled By	r: Name	of crew c	chief (first, last) and Firm	Drilling	Date S	tarted				omplete	ed	Dr	illing Method
	: Darrin			t: Prentice		10/13/201			_	0/13/201	_		Ge	oprobe
			nples LLC Vell ID No.	. Well Name		w/ DD/ Y\ al Static		ouo!		V/DD/ Y	YYY Elevatio			Sorehole Diameter
W Omque	7701170.	DINK	VEILID NO.	. Well Name	FILL								L	
Local Gri	d Origin	(actim	ated X) or	Boring Location		935 F	et MSL				et MSL Grid Loc			2 inches
State Plan		N,	E E	Doming Education	Lat 44	°27'14	u			10001		E		
SE ¼ of S	E¼ of S		2, T 23 N, R		Long 9	0° 50 ' 36	u				S Feet	W		
F	acility ID)		County			County	y Code		(Civil Tow	vn / City	/ / V	fillage
	viii			Jackson			2				Villag	e of Me	errill	an
		nple		1		T		Soil F	ropertie	s			_	·
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	SOSU	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
G-4-1 0-4 ft G-4-2 4-8 ft	48 24			Orange fine to coarse grained sand Orange fine to coarse grained sand (4-7 ft) Gray Clay (7-8 ft) EOB @ 8 Feet. Groundwater Sample G-4-W collected at 4-8 feet. Borehole abandoned.				0		Moist Most/Wet		•		No Petro Odor
	ł	Ī	11											
			-											
			12											
hereby co	ertify tha	t the in	formation	on this form is true and correct to the best	t of my k	nowledg	е							

I hereby ce Signature: Firm: **METCO**

Form 4400-122

Rev. 7-98

Route To:

Watershed / Wastewater: Remediation / Redevelopment:

Waste Management:

Other: Page Facility / Project Name License / Permit / Monitoring Number **Boring Number** Dave's Gas Station Boring Drilled By: Name of crew chief (first, last) and Firm **Drilling Date Started Drilling Date Completed Drilling Method** First: Darrin Last: Prentice 10/13/2014 10/13/2014 Geoprobe Firm: Geiss Soil & Samples LLC MM/ DD/ YYYY MM /DD/ YYYY WI Unique Well No. DNR Well ID No. Well Name Borehole Diameter Final Static Water Level Surface Elevation 935 Feet MSL 940 Feet MSL 2 inches Local Grid Location Local Grid Origin (estimated X) or Boring Location State Plane Lat 44°27'14" SE 1/4 of SE 1/4 of Section 22, T 23 N, R 4 W Long 90° 50 ' 36 " Feet S Feet W Facility ID County County Code Civil Town / City / Village Jackson Village of Merrillan Sample Soil Properties Length Att. & Recovered (in) Number & Type Depth in Feet (below ground surface) Compressive Strength Plasticity Index Blow Counts Diagran Graphic Log Liquid Limit Moisture Content Soil / Rock Description PID / FID USCS And Geologic Origin RQD / Comments For Each Major Unit Ve∥ G-5-1 0-4 ft 48 Orange fine to coarse grained sand SP 0 Moist Petro Odor SP Orange fine to coarse grained sand (4-6 feet). 0 Gray clay (6-7 feet). Moist/We No Petro Odor Weathered Dolomite (7-8 feet) EOB @ 8 Feet. Groundwater Sample G-5-W collected at 4-8 feet. Borehole abandoned 10 I hereby certify that the information on this form is true and correct to the best of my knowledge Signature: Firm: **METCO**

SOIL BORING LOG INFORMATION

Form 4400-122

Other:

Rev. 7-98

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

Page Facility / Project Name License / Permit / Monitoring Number Boring Number Dave's Gas Station Drilling Date Started **Drilling Date Completed Drilling Method** Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice 10/13/2014 10/13/2014 Geoprobe Firm: Geiss Soil & Samples LLC MM/ DD/ YYYY MM /DD/ YYYY WI Unique Well No. DNR Well ID No. Borehole Diameter Well Name Final Static Water Level Surface Elevation 935 Feet MSL 940 Feet MSL 2 inches Local Grid Origin (estimated X) or Boring Location Local Grid Location Lat 44°27'14" State Plane SE ¼ of SE ¼ of Section 22, T 23 N, R 4 W Long 90° 50 ' 36 " Feet S Feet W County County Code Civil Town / City / Village Facility ID 27 Village of Merrillan Jackson Soil Properties Sample Length Att. & Recovered (in) Number & Type Depth in Feet (below ground surface) l Diagram Compressive Strength Plasticity Index Blow Counts Graphic Log Liquid Limit Moisture Content CS PID / FID Soil / Rock Description And Geologic Origin RQD / Comments S For Each Major Unit Well G-6-1 0-4 ft 48 Slight Petro Odor SP 5 Orange fine to coarse grained sand Moist SP Orange fine to coarse grained sand (4-6 feet). Petro Odor and Staining G-6-2 4-8 ft Gray clay (6-7 feet). CL 965 Moist/We 36 Gray fine to course grained sand (7-8 feet) SP EOB @ 8 Feet. Groundwater Sample G-6-W collected at 4-8 feet. Borehoie abandoned. I hereby certify that the information on this form is true and correct to the best of my knowledge

METCO Firm: Signature:

SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

Route To: Watershed / Wastewater: Waste Management: Remediation / Redevelopment: Other: Page Facility / Project Name License / Permit / Monitoring Number Boring Number Dave's Gas Station Boring Drilled By: Name of crew chief (first, last) and Firm **Drilling Date Started Drilling Date Completed Drilling Method** Last: Prentice 10/13/2014 10/13/2014 Geoprobe Firm: Geiss Soil & Samples LLC MM/ DD/ YYYY MM /DD/ YYYY WI Unique Well No. DNR Well ID No. Final Static Water Level Well Name Surface Elevation Borehole Diameter 935 Feet MSL 2 inches 940 Feet MSL Local Grid Origin (estimated X) or Boring Location Local Grid Location State Plane Lat 44°27'14" Ν SE 1/4 of SE 1/4 of Section 22, T 23 N, R 4 W Long 90° 50 ' 36 " Feet S Feet W Facility ID County County Code Civil Town / City / Village Jackson 27 Village of Merrillan Soil Properties Sample Depth in Feet (below ground surface) Number & Type & Œ Index Compressive Strength Blow Counts Well Diagram Graphic Log Length Att. Recovered (i Liquid Limit Moisture Content Soil / Rock Description PID / FID SC Plasticity And Geologic Origin RQD / Comments For Each Major Unit Tan sand and gravel (0-2 ft) SP 48 24 0-4 ft 0 Moist No Petro Odor Tan fine to coarse grained sand (2-4 ft) SP Tan fine to coarse grained sand (4-6 ft) SP 0 Most/Wel No Petro Odoi 24 Gray Clay (6-8 ft) CL EOB @ 8 Feet. Groundwater Sample G-7-W collected at 4-8 feet. Borehole abandoned. 10

Signature: Firm: METCO

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

Form 4400-122 Rev. 7-98 Route To: Watershed / Wastewater: Waste Management: Remediation / Redevelopment: Other: Page Facility / Project Name License / Permit / Monitoring Number Boring Number Dave's Gas Station G-8 Boring Drilled By: Name of crew chief (first, last) and Firm **Drilling Date Started Drilling Date Completed Drilling Method** First: Darrin Last: Prentice 10/13/2014 10/13/2014 Geoprobe MM /DD/ YYYY Firm: Geiss Soil & Samples LLC MM/ DD/ YYYY WI Unique Well No. DNR Well ID No. Well Name Final Static Water Level Surface Elevation Borehole Diameter 935 Feet MSL 940 Feet MSL 2 inches Local Grid Origin (estimated X) or Boring Location Local Grid Location Lat 44°27'14" State Plane N. Ν Ε SE 1/4 of SE 1/4 of Section 22, T 23 N, R 4 W Long 90° 50 ' 36 " Feet S Feet W Facility ID County Code County Civil Town / City / Village 27 Jackson Village of Merrillan Soil Properties Sample Number & Type Length Att. & Recovered (in) Depth in Feet (below ground surface) Diagram Blow Counts Plasticity Index Graphic Log Compressiv Strength Liquid Limit PID / FID USCS Moisture Content Soil / Rock Description And Geologic Origin RQD / Comments For Each Major Unit Brown sand and gravel (0-2 ft) FILL G-8-1 0-4 ft 0 Moist No Petro Odor Tan fine to coarse grained sand (2-4 ft) SP SP Tan fine to coarse grained sand (4-6 ft) G-8-2 48 0 Most/Wel No Petro Odor 4-8 ft CL Gray Sandy Clay (6-8 ft) EOB @ 8 Feet. Groundwater Sample G-8-W collected at 4-8 feet. Borehole abandoned.

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

Signature:

Firm:

METCO

Form 4400-122

Rev. 7-98

Route To:

Watershed / Wastewater: Remediation / Redevelopment:

Waste Management:

Other: Page of 1 Facility / Project Name License / Permit / Monitoring Number Boring Number Dave's Gas Station Boring Drilled By: Name of crew chief (first, last) and Firm **Drilling Date Started Drilling Date Completed Drilling Method** Last: Prentice 10/13/2014 10/13/2014 Geoprobe Firm: Geiss Soil & Samples LLC MM/ DD/ YYYY MM /DD/ YYYY WI Unique Well No. DNR Well ID No. Well Name Final Static Water Level Surface Elevation Borehole Diameter 935 Feet MSL 940 Feet MSL 2 inches Local Grid Origin (estimated X) or Boring Location Local Grid Location Lat 44°27'14" SE 1/4 of SE 1/4 of Section 22, T 23 N, R 4 W Long 90° 50 ' 36 " Feet S Feet W Facility ID County County Code Civil Town / City / Village Jackson 27 Village of Merrillan Sample Soil Properties Depth in Feet (below ground surface) Number & Type & <u>∈</u> Blow Counts Diagram Graphic Log Compressive Strength Liquid Limit Length Att. Recovered (Moisture Content Soil / Rock Description USCS PID / FID Plasticity And Geologic Origin RQD / Comments For Each Major Unit Nell Brown sand and gravel (0-2 ft) FILL G-9-1 0-4 ft 24 0 Moist No Petro Odor SP Tan fine to coarse grained sand (2-4 ft) SP Tan fine to coarse grained sand (4-6 ft) G-9-2 48 0 Most/Wet No Petro Odor 4-8 ft 30 Gray Sandy Clay (6-7.5 ft) CL Tan fine to coarse grained sand (7.5-8) SP EOB @ 8 Feet. Groundwater Sample G-9-W collected at 4-8 feet. Borehole abandoned. 10 I hereby certify that the information on this form is true and correct to the best of my knowledge Signature: **METCO** Firm:

Form 4400-122

Rev. 7-98

Route To:

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

											Page	e 1	of	
Facility /	Project	Name			Licens	se / Perr	nit / Mor	nitoring	Number				Во	oring Number
Dave's C														-10
Boring D	rilled By	/: Name	e of crew of	chief (first, last) and Firm	Drillin	g Date S	Started		Drilling	Date C	omplet	ed	Dr	rilling Method
	t: Darrin			t: Prentice		10/13/20				10/13/201			Ge	eoprobe
			mples LLC			M/ DD/ Y				M /DD/ Y				
WI Unique	e vven No.	DNK V	Vell ID No	. Well Name	Fin		: Water I		;	Surface			E	Borehole Diameter
						935 F	eet MSL				et MSL			2 inches
				Boring Location							Grid Loc			
State Plan		N,	E 2, T 23 N, R	4.10/		1°27′14 90°50′36				Foot	N S Feet	E 10/		
	acility IE		c, 1 23 N, IX	County	Long	0 00 00		y Code				vn / City	//\/	/illage
•				Jackson				27		Ì		ge of Me		_
	Sai	mple		Jackson					Propertie	25	villaç	je or ivie	31141	an
		J	# D	1	1	Τ_	_	1	1			T ×	Т	ł –
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	N S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
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			Ė.			1.								
			- '			1 %						ŀ		
			L			1.0								
G-10-1	48		- 2				l							
0-4 ft	24		_	Tan fine to coarse grained sand	SP	1.	l	0		Moist				No Petro Odor
			F			1 %								
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			E			1, , '								
			4		1			İ						
			F			,								
			- - 5		1									
			<u> </u>		1								H	
			_	Tan fine to coarse grained sand	ŀ	1 :								
			_ 6			17:							П	
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Signature:									Firm:	ME	TCO			

Form 4400-122

Rev. 7-98

Route To: Watershed / Wastewater: Waste Management: Remediation / Redevelopment: Other: Page Facility / Project Name License / Permit / Monitoring Number Boring Number Dave's Gas Station G-11 Drilling Method Boring Drilled By: Name of crew chief (first, last) and Firm **Drilling Date Started Drilling Date Completed** First: Darrin Last: Prentice 10/13/2014 10/13/2014 Geoprobe MM/ DD/ YYYY MM /DD/ YYYY Firm: Geiss Soil & Samples LLC WI Unique Well No. DNR Well ID No. Well Name Final Static Water Level Surface Elevation Borehole Diameter 935 Feet MSL 940 Feet MSL 2 inches Local Grid Origin (estimated X) or Boring Location Local Grid Location Lat 44°27'14" State Plane N. Ν F Long 90° 50 ' 36 " SE 1/4 of SE 1/4 of Section 22, T 23 N, R 4 W Feet S Feet W Facility ID County County Code Civil Town / City / Village 27 Village of Merrillan Jackson Soil Properties Sample Depth in Feet (below ground surface) Number & Type Ξ Compressive Strength Index Counts Well Diagram Graphic Log Liquid Limit Length Att. Recovered (i PID / FID Soil / Rock Description Moisture Content USC And Geologic Origin
For Each Major Unit Plasticity RQD / Comments Blow (48 24 G-11-1 No Petro Odor 0 Moist Tan fine to coarse grained sand (2-4 ft) SP Tan fine to coarse grained sand (4-6 ft) SP G-11-2 25 Most/We 48 Petro Odor from 7-8 ft 4-8 ft CL Gray Sandy Clay (6-7.5 ft) SP Gray fine to coarse grained sand (7.5-8) EOB @ 8 Feet. Groundwater Sample G-11-W collected at 4-8 feet. Borehole abandoned. 10 I hereby certify that the information on this form is true and correct to the best of my knowledge **METCO** Signature: Firm:

SOIL BORING LOG INFORMATION

METCO

Firm:

Form 4400-122

Rev. 7-98

Watershed / Wastewater: Route To: Waste Management: Other: Remediation / Redevelopment: Page Facility / Project Name License / Permit / Monitoring Number **Boring Number** Dave's Gas Station Boring Drilled By: Name of crew chief (first, last) and Firm **Drilling Date Started Drilling Date Completed Drilling Method** First: Darrin Last: Prentice 10/13/2014 10/13/2014 Geoprobe Firm: Geiss Soil & Samples LLC MM/ DD/ YYYY MM /DD/ YYYY WI Unique Well No. DNR Well ID No. Well Name Final Static Water Level Borehole Diameter Surface Elevation 935 Feet MSL 940 Feet MSL 2 inches Local Grid Origin (estimated X) or Boring Location Local Grid Location State Plane Lat 44°27'14" Ν Feet W SE 1/4 of SE 1/4 of Section 22, T 23 N, R 4 W Long 90° 50 ' 36 " Feet S Facility ID County County Code Civil Town / City / Village Jackson Village of Merrillan Soil Properties Sample Depth in Feet (below ground surface) Number & Type & <u>∈</u> Diagram Plasticity Index Blow Counts Graphic Log Compressive Strength Liquid Limi Length Att. Recovered (i Moisture Content SCS 문 Soil / Rock Description And Geologic Origin RQD / Comments PID / For Each Major Unit Vell G-12-1 48 0-4 ft Tan fine to coarse grained sand SP 515 Moist Petro Odor Tan fine to coarse grained sand G-12-2 SP 580 Most/Wet Petro Odor 4-8 ft EOB @ 8 Feet. Groundwater Sample G-12-W collected at 4-8 feet. Borehole abandoned

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

Signature:

Signature:

SOIL BORING LOG INFORMATION

METCO

Firm:

Form 4400-122

Rev. 7-98

Route To:

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

Page Facility / Project Name License / Permit / Monitoring Number Boring Number Dave's Gas Station G-13 Boring Drilled By: Name of crew chief (first, last) and Firm **Drilling Date Started Drilling Date Completed Drilling Method** Last: Prentice 10/13/2014 10/13/2014 Geoprobe Firm: Geiss Soil & Samples LLC MM/ DD/ YYYY MM /DD/ YYYY WI Unique Well No. DNR Well ID No. Well Name Final Static Water Level Surface Elevation Borehole Diameter 935 Feet MSL 940 Feet MSL 2 inches Local Grid Origin (estimated X) or Boring Location Local Grid Location State Plane Lat 44°27' 14" SE 1/4 of SE 1/4 of Section 22, T 23 N, R 4 W Long 90° 50 ' 36 " Feet S Feet W Facility ID County County Code Civil Town / City / Village Jackson 27 Village of Merrillan Soil Properties Sample Length Att. & Recovered (in) Depth in Feet (below ground surface) Number & Type Compressive Strength Index Well Diagram Blow Counts Graphic Log iquid Limit Moisture Content PID / FID Soil / Rock Description USCS Plasticity And Geologic Origin RQD / Comments For Each Major Unit G-13-1 48 0 Moist No Petro Odor 0-4 ft FILL Tan sand and gravel FILL Tan sand and gravel (4-6 ft) G-13-2 48 320 Most/We Petro Odor from 4-8 ft 4-8 ft 36 Gray Clay (6-7.5 ft) CL Gray fine to coarse grained sand (7.5-8) SP EOB @ 8 Feet. Groundwater Sample G-13-W collected at 4-8 feet. Borehole abandoned. 10 I hereby certify that the information on this form is true and correct to the best of my knowledge

SOIL BORING LOG INFORMATION

Form 4400-122

Other:

Rev. 7-98

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	Route To:	

Watershed / Wastewater: Remediation / Redevelopment:

Waste Management:

Page Facility / Project Name License / Permit / Monitoring Number Boring Number Dave's Gas Station Boring Drilled By: Name of crew chief (first, last) and Firm **Drilling Date Started Drilling Date Completed Drilling Method** First: Darrin Last: Prentice 10/13/2014 10/13/2014 Geoprobe MM/ DD/ YYYY MM /DD/ YYYY Firm: Geiss Soil & Samples LLC WI Unique Well No. DNR Well ID No. Well Name Final Static Water Level Surface Elevation Borehole Diameter 935 Feet MSL 940 Feet MSL 2 inches Local Grid Origin (estimated X) or Boring Location Local Grid Location Lat 44°27'14" State Plane N. SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 22, T 23 N, R 4 W Feet W Long 90° 50' 36" Feet S Facility ID County County Code Civil Town / City / Village Jackson 27 Village of Merrillan Soil Properties Sample Length Att. & Recovered (in) Number & Type Depth in Feet (below ground surface) Diagram Plasticity Inde: Blow Counts Graphic Log Compressive Strength Liquid Limit 잂 Moisture Content Soil / Rock Description ပ္ပ And Geologic Origin RQD / Comments PID/ For Each Major Unit Vell SP Brown sand and gravel (0-3 ft) G-14-1 48 0-4 ft 5 Moist Slight Petro Odor Tan fine to coarse grained sand (3-4 ft) SP Tan to orange fine to coarse grained sand (4-7.5 ft) G-14-2 0 Most/Wet No Petro Odor 4-8 ft 30 Gray Clay (7.5-8 ft) CL EOB @ 8 Feet. Groundwater Sample G-14-W collected at 4-8 feet. Borehole abandoned. q 10 I hereby certify that the information on this form is true and correct to the best of my knowledge Signature: Firm: **METCO**

SOIL BORING LOG INFORMATION

Form 4400-122

Other:

Rev. 7-98

Route To: Watershed / Wastewater: Waste Management:

Remediation / Redevelopment:

Page Facility / Project Name License / Permit / Monitoring Number Boring Number Dave's Gas Station G-15 Boring Drilled By: Name of crew chief (first, last) and Firm **Drilling Date Started Drilling Date Completed Drilling Method** Last: Prentice 10/13/2014 10/13/2014 Geoprobe Firm: Geiss Soil & Samples LLC MM/ DD/ YYYY MM /DD/ YYYY WI Unique Well No. DNR Well ID No. Well Name Final Static Water Level Surface Elevation Borehole Diameter 935 Feet MSL 940 Feet MSL 2 inches Local Grid Origin (estimated X) or Boring Location Local Grid Location State Plane Lat 44°27'14" SE 1/4 of SE 1/4 of Section 22, T 23 N, R 4 W Long 90° 50 ' 36 " Feet S Facility ID County County Code Civil Town / City / Village 27 Village of Merrillan Jackson Soil Properties Sample Length Att. & Recovered (in) Depth in Feet (below ground surface) Number & Type Compressive Strength Index Well Diagram Blow Counts Graphic Log iquid Limit Moisture Content USCS PID / FID Soil / Rock Description Plasticity RQD / Comments And Geologic Origin For Each Major Unit G-15-1 48 SP 0 Moist No Petro Odor 0-4 ft Brown fine to coarse grained sand SP Brown fine to coarse grained sand G-15-2 48 0 Most/Wet No Petro Odor 4-8 ft EOB @ 8 Feet. Groundwater Sample G-15-W collected at 4-8 feet. Borehole abandoned 9 10 I hereby certify that the information on this form is true and correct to the best of my knowledge **METCO** Signature: Firm:

SOIL BORING LOG INFORMATION

METCO

Firm:

Form 4400-122

Rev. 7-98

Route To: Watershed / Wastewater: Waste Management: Remediation / Redevelopment: Other: Page Facility / Project Name License / Permit / Monitoring Number Boring Number Dave's Gas Station G-16 Boring Drilled By: Name of crew chief (first, last) and Firm **Drilling Date Started Drilling Date Completed Drilling Method** Last: Prentice 10/13/2014 10/13/2014 Geoprobe Firm: Geiss Soil & Samples LLC MM/ DD/ YYYY MM /DD/ YYYY WI Unique Well No. DNR Well ID No. Well Name Final Static Water Level Surface Elevation Borehole Diameter 935 Feet MSL 940 Feet MSL 2 inches Local Grid Origin (estimated X) or Boring Location Local Grid Location Lat 44°27'14" State Plane N, Ν SE 1/4 of SE 1/4 of Section 22, T 23 N, R 4 W Long 90° 50 ' 36 " Feet S Feet W Civil Town / City / Village County County Code Facility ID Jackson 27 Village of Merrillan Soil Properties Sample Length Att. & Recovered (in) Depth in Feet (below ground surface) Plasticity Index Diagram Compressive Strength Blow Counts Graphic Log Liquid Limit SCS Moisture Content PID / FID Soil / Rock Description And Geologic Origin RQD / Comments For Each Major Unit Neil G-16-1 48 0-4 ft Gray fine to coarse grained sand SP 1300 Moist Petro Odor Gray fine to coarse grained sand SP G-16-2 550 Most/Wet Petro Odor and staining 4-8 ft , ١ EOB @ 8 Feet. Groundwater Sample G-16-W collected at 4-8 feet. Borehole abandoned

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

Signature:

Man

SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

Route To:

Watershed / Wastewater:

Remediation / Redevelopment:

Waste Management:

Other: Page Facility / Project Name License / Permit / Monitoring Number **Boring Number** Dave's Gas Station 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 08/28/2015 08/28/2015 HSA/AR Firm: Ground Source MM/ DD/ YYYY MM /DD/ YYYY WI Unique Well No. DNR Well ID No. Well Name Final Static Water Level Surface Elevation Borehole Diameter 935 Feet MSL VN736 MW-1 940 Feet MSL Local Grid Origin (estimated X) or Boring Location Local Grid Location State Plane Lat 44° 27' 14" N F SE $\frac{1}{2}$ of SE $\frac{1}{2}$ of Section 22 , T 23 N, R 4 W Long 90° 50' 36' Feet S Feet W Civil Town / City / Village Facility ID County County Code None Jackson 27 Village of Merrillan Soil Properties Sample Number & Type Depth in Feet (below ground surface) Index & <u>∈</u> Compressive Strength Well Diagram Blow Counts Graphic Log Liquid Limit Length Att. Recovered (i 딮 Moisture Content Soil / Rock Description ပွ And Geologic Origin For Each Major Unit Plasticity RQD / Comments PID/ SO MW-1-1 2,3 SP 215 Gray fine to coarse grained sand М Petro Odor (2-4 feet) MW-1-2 6,6 8,12 Gray weathered sandstone 845 w Petro Odor (6-8 feet) Form 10 Well Construction 12 MW-1-3 White fine to coarse grained sandslone 15 W Petro Odor (13 feet) EOB at 13.5 Feet. Auger refusal @ 9.5 feet, air rotary drilling from 9.5 to 13.5 feet Installed monitoring well MW-1 to 13 feet. 14 See 1 16 18 20 22 Signature: Firm: **METCO**

SOIL BORING LOG INFORMATION

Form 4400-122

Route To:

Sum

Watershed / Wastewater:

Waste Management:

Remediation / Redevelopment: Х Other: Page Facility / Project Name License / Permit / Monitoring Number Boring Number Dave's Gas Station 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 08/28/2015 08/28/2015 HSA/AR Firm: Ground Source MM/ DD/ YYYY MM /DD/ YYYY WI Unique Well No. DNR Well ID No. Well Name Final Static Water Level Surface Elevation Borehole Diameter VN735 MW-2 935 Feet MSL 940 Feet MSL Local Grid Origin (estimated X) or Boring Location Local Grid Location Lat 44° 27' 14" State Plane Ν E SE ½ of SE ½ of Section 22 , T 23 N, R 4 W Long 90 ° 50 ' 36" Feet S Feet W Facility ID County County Code Civil Town / City / Village None Jackson 27 Village of Merrillan Soil Properties Sample Depth in Feet (below ground surface) Number & Type Index ∞ E Counts Well Diagram Graphic Log Compressiv Strength Liquid Limit Length Att. Recovered (Moisture Content Soil / Rock Description PID / FID ö And Geologic Origin For Each Major Unit Plasticity RQD / Comments s O Blow 2,3 MW-2-1 Tan fine to coarse grained sand SP 2.6 M No Petro Odor (2-4 feet) 5.6 6.11 SP 8.4 W Slight Petro Odor MW-2-2 24 18 Gray fine to coarse grained sand (6-8 feet) Form 10 See Well Construction 2.9 MW-2-3 Tan fine to coarse grained sandstone W Slight Petro Odor (13 feet) EOB at 13.5 Feet. Auger refusal @ 9 feet. air rotary drilling from 9 to 13.5 feet. Installed monitoring well MW-2 to 13 feet. _16 18 20 22 Firm: **METCO** Signature: W

Form 4400-122

Rev. 7-98

Route To:

Watershed / Wastewater:

Waste Management:

Х Remediation / Redevelopment: Other: Page of 1 Facility / Project Name License / Permit / Monitoring Number **Boring Number** Dave's Gas Station MW-3 Boring Drilled By: Name of crew chief (first, last) and Firm **Drilling Date Started Drilling Date Completed Drilling Method** Last: Plant 08/28/2015 08/28/2015 First: Craig HSA/AR MM/ DD/ YYYY MM /DD/ YYYY Firm: Ground Source WI Unique Well No. DNR Well ID No. Well Name Final Static Water Level Surface Elevation Borehole Diameter VN734 MW-3 935 Feet MSL 940 Feet MSL Local Grid Origin (estimated X) or Boring Location Local Grid Location Lat 44° 27' 14" State Plane Ν SE 1/4 of SE 1/4 of Section 22 , T 23 N, R 4 W Long 90 ° 50 ' 36" Feet S Feet W Facility ID County County Code Civil Town / City / Village None Jackson Village of Merrillan Soil Properties Sample Depth in Feet (below ground surface) Number & Type જ ંΞ Plasticity Index Counts Diagram Graphic Log Compressive Strength iquid Limit Length Att. Recovered (PID / FID Moisture Content Soil / Rock Description SC And Geologic Origin RQD / Comments Blow For Each Major Unit Vell MW-3-1 1,1 Tan fine to coarse grained sand SP 2.0 М No Petro Odor (2-4 feet) SP w No Petro Odor MW-3-2 24 18 8 . 12 15 . 23 White fine to coarse grained sand 1.5 (6-8 feet) 8 Form 10 Construction 2.5 No Petro Odor MW-3-3 Tan fine to coarse grained sandstone W (13 feet) Well (EOB at 13.5 Feet. Auger refusal @ 7 feet, air rotary drilling from 7 to 13.5 feet. Installed monitoring well MW-3 to 13 feet. See 16 18 20 Firm: **METCO** Signature: lM Sum

SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

Route To:

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Mh

Watershed / Wastewater:

Waste Management:

Х Remediation / Redevelopment: Other Page Facility / Project Name License / Permit / Monitoring Number Boring Number Dave's Gas Station 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 08/28/2015 08/28/2015 HSA/AR MM /DD/ YYYY Firm: Ground Source MM/ DD/ YYYY WI Unique Well No. DNR Well ID No. Well Name Final Static Water Level Surface Elevation Borehole Diameter VN733 MW-4 935 Feet MSL 940 Feet MSL Local Grid Origin (estimated X) or Boring Location Local Grid Location Lat 44° 27' 14" State Plane N, Ν Ε Long 90 ° 50 ' 36" SE 1/4 of SE 1/4 of Section 22 , T 23 N, R 4 W Feet S Feet W Facility ID County County Code Civil Town / City / Village None Village of Merrillan Jackson 27 Soil Properties Sample Number & Type Depth in Feet (below ground surface) Compressive Strength Index જ .⊆ Counts Well Diagram Graphic Log Liquid Limit Length Att. Recovered (PID / FID Moisture Content Soil / Rock Description S USC And Geologic Origin For Each Major Unit Plasticity RQD / Comments Blow 24 18 2,3 SP 2.5 MW-4-1 Tan fine to coarse grained sand М No Petro Odor (2-4 feet) MW-4-2 4,6 Gray weathered sandstone 2.9 M No Petro Odor (6-8 feet) Form 10 See Well Construction 12 MW-4-3 an fine to coarse grained sandstone 1.5 W No Petro Odor (13 feet) EOB at 13.5 Feet. Auger refusal @ 8 feet, air rotary drilling from 8 to 13.5. Installed monitoring well MW-4 14 16 18 20 22 Firm: **METCO** Signature:

SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

Route To:

Watershed / Wastewater: Remediation / Redevelopment:

X

Waste Management:

Other:

Page Facility / Project Name License / Permit / Monitoring Number Boring Number Dave's Gas Station Boring Drilled By: Name of crew chief (first, last) and Firm Drilling Date Started **Drilling Date Completed Drilling Method** First: Craig Last: Plant 08/28/2015 08/28/2015 HSA/AR Firm: Ground Source MM/ DD/ YYYY MM /DD/ YYYY WI Unique Well No. DNR Well ID No. Well Name Borehole Diameter Final Static Water Level Surface Elevation MW-5 935 Feet MSL 940 Feet MSL Local Grid Origin (estimated X) or Boring Location Local Grid Location Lat 44° 27' 14" State Plane Long 90 ° 50 ' 36' Feet S Feet W SE $\frac{1}{2}$ of SE $\frac{1}{2}$ of Section 22 , T 23 N, R 4 W Facility ID County County Code Civil Town / City / Village None Jackson 27 Village of Merrillan Sample Soil Properties Depth in Feet (below ground surface) Number & Type જ ં⊑ Well Diagram Plasticity Inde: Blow Counts Graphic Log Compressive Strength Liquid Limit Length Att. SCS 밆 Moisture Content Soil / Rock Description And Geologic Origin RQD / Comments PID / For Each Major Unit SP MW-5-1 24 2.2 Gray fine to coarse grained sand 3.7 M No Petro Odor (2-4 feet) 3,6 SP 27 MW-5-2 24 18 Gray fine to coarse grained sand W No Petro Odor (6-8 feet) Well Construction Form 10 12 2.5 MW-5-3 Tan fine to coarse grained sandstone W No Petro Odoi (13 feet) EOB at 13.5 Feet Auger refusal @ 8.5 feet, Air rotary drilling from 8.5 to 13.5 feet. Installed monitoring well MW-5 to 13 feet. 14 See 1 16 18 20 22 Signature: **METCO** Firm:

Street or Route

La Crosse

City

709 Gillette Street

State

WI

ZIP Code

54603-

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. Route to: Drinking Water Watershed/Wastewater X Remediation/Redevelopment Verification Only of Fill and Seal Waste Management Other: 1. Well Location Information Facility / Owner Information County Wi Unique Well # of Hicap # acility Name Removed Well Dave's Gas Station **JACKSON** acility ID (FID or PWS) Lattitude / Longitude (Degrees and Minutes) Method Code (see instructions) icense/Permit/Monitoring# 90 W Original Well Owner 14114 SE Section Township SE Range Ε Matt Lechner or Gov't Lot # 22 23 4 N W resent Well Owner Well Street Address Matt Lechner **405 N WASHINGTON ST** Mailing Address of Present Owner Well City, Village or Town Well ZIP Code P.O Box 86 Merrillan 54754-ZIP Code City of Present Owner State Subdivision Name ot# Black River Falls WI 54615-Pump, Liner, Screen, Casing & Sealing Material WI Unique Well # of Replacement Well Reason For Removal From Service Pump and piping removed? Sampling Complete Liner(s) removed? 3. Well / Drillhole / Borehole Information \square_{N_0} Screen removed? Original Construction Date (mm/dd/yyyy) Monitoring Well - No Casing left in place? Water Well If a Well Construction Report is available, Was casing cut off below surface? Yes JNo X Borehole / Drillhole please attach. [X]_{Yes} LI No Did sealing material rise to surface? Construction Type: $[x]_{No}$ Did material settle after 24 hours? Dug Drilled Driven (Sandpoint) If yes, was hole retopped? ∐_{No} If bentonite chips were used, were they hydrated with water from a known safe source? X Other (specify): Geoprobe equired Method of Placing Sealing Material Formation Type: Conductor Pipe-Gravity Conductor Pipe-Pumped X Unconsolidated Formation Bedrock Screened & Poured (Bentonite Chips) X Other (Explain): gravity Total Well Depth From Ground Surface (ft.) Casing Diameter (in.) Sealing Materials Casing Depth (ft.) Lower Drillhole Diameter (in.) **Neat Cement Grout** Clay-Sand Slurry (11 lb./gal. wt.) Sand-Cement (Concrete) Grout Bentonite-Sand Slurry " " [X] Bentonite Chips Concrete Yes ∐No Unknown Was well annular space grouted? or Monitoring Wells and Monitoring Well Boreholes Only: If yes, to what depth (feet)? Depth to Water (feet) Bentonite Chips Bentonite - Cement Grout 5 Granular Bentonite Bentonite - Sand Slurry 5. Material Used To Fill Well / Drillhole From (ft.) To (ft.) **Pounds** Surface Bentonite Chips 13 6. Comments Abandoned by Geiss Soil and Samples LLC under METCO's supervision 7. Supervision of Work **DNR Use Only** Name of Person or Firm Doing Filling & Sealing Date of Filling & Sealing (mm/dd/yyyy) Date Received Noted By 10/10/2013 Eric Dahl/ METCO

Telephone Number

608) 781-8879

Signature of Person Doing Work

Comments

Date Signed

11/6/2014

Well / Drillhole / Borehole Filling & Sealing Form 3300-005 (R 4/08) Page 1 of

☐ Verification Only of	of Fill a	and Seal		Drinking Waste I	g Water Manageme	. =	Watershed/Wa	slewater	[X]Reme	diation/Redevelo	pment
1. Well Location Inform	mation					2. Facility	/ Owner Inf	ormation	30.0 H		
County	WI Uniq	ue Well # o	f Hic	ap#	alay is based the s	Facility Nam		334, C/100/ 1944/900 31 (11.) ;	a de la Caración de la Caración		2000
JACKSON	Remove	d Well					Dave's G	as Station			
Lattitude / Longitude (Degr		Minutan		ada (aaa is		Facility ID (F	ID or PWS)				
44 • 27	rees ano		wemod C	ode (see ir	istructions	'					
		'N				License/Per	mit/Monitoring	#			
90 • 50		'W									
1/4 SE 1/4 SE	C	Section	Towns	hip Rang	је П Е	Original Wel					
or Gov't Lot #		22	23	N 4	x w			tt Lechner			
Well Street Address	.,	L.,			121	Present Wel					
405 N WASHINGTON S	ST							att Lechner		······································	
Well City, Village or Town				Well ZIP C	ode	Mailing Add	ress of Presen				
Merrillan				54754-		SV		P.O Box			
Subdivision Name				Lot #		City of Prese			State	ZIP Code	
							water the second section in the second section is a second section in the second section in the second section is a second section in the section in the second section in the s	River Falls	WI	54615-	184 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Reason For Removal From	n Service	WI Uniqu	ue Well #	of Replace	ment Well	4. Pump,	Liner, Scree	n, Casing & S	ealing Mat	2 () () () () () () ()	
Sampling Complete						Pump and	d piping remov	red?	<u> </u>	J _{Yes} □ _{No}	$[x]_{N/A}$
3. Well / Drillhole / Bor	rehole li	nformatio	n		e edopenskij	Liner(s) re] _{Yes} □ _{No} ∣	$[x]_{N/A}$
		Original Cor	112,000 12,000 12.1	Date (mm/	(dd/yyyy)	Screen re	moved?]Yes □No	$[x]_{NA}$
Monitoring Well		10/		o14`	*****	Casino le	ft in place?] _{Yes} □ _{No}	$[x]_{N/A}$
Water Well	<u> </u>	if a Well Co	estruction	Report is :	availahle	1	ng cut off belo	w eurface?			[x] _{N/A}
[X] Borehole / Drillhole		please atta				1	ng material rise		Ĩχ	Yes DNo	□ _{N/A}
Construction Type:						1	rial settle after		È	yes [x] _{No}	□N/A
Dritted C	Oriven (S	andpoint)	Г	Dug			nar settle after , was hole reto				[X] _{N/A}
X Other (specify): Ge	•	unapoint	h	78				sed, were they last safe source?	nydrated r _{e-}		
	оргоос						and the second second second second			lyes □No	∐N/A
Formation Type:		·····	,			(_	g Sealing Materi			
[X] Unconsolidated Form	ation		Bedrock				ctor Pipe-Grav red & Poured		tor Pipe-Pun		
Total Well Depth From Gro		face (ft.) C	asing Dia	meter (in.)			nite Chips)	[A] Other (E	xplain): gra	wity	
	10					Sealing Mate					
Lower Drillhole Diameter (i	in.) 2	þ	asing De	pth (ft.)		☐ Neat C	ement Grout		, ,	nd Slurry (11 lb./	· ,
							Cement (Concr	ete) Grout	<i>i</i> i	e-Sand Slurry "	**
Was well annular space gro	outed?		res 🗌	No [Unknown	L Concre			[X] Bentonit	•	
If yes, to what depth (feet)?	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Denth	to Water	(foot)		} ******	•	fonitoring Well E		•	
in yes, to what depth (leet):	,	Com	io vvaici				ite Chips		ntonite - Cen		
THE PROPERTY OF THE PARTY OF TH	uer ees libe o			7.5		Granul	ar Bentonite	L Be	ntonite - San	d Slurry	
5. Material Used To Fill V	Well / Dr	illhole		- 100 miles	tadalii -	From (ft.)	To (ft.)	Pounds			
Bentonite Chips				W		Surface	10	16			
**************************************				-							
6. Comments		***************************************			- Corollad Type (Corollad Inc.)			g a transfer	eget fill a f		
GP-2		····	<u></u>			· · · · · · · · · · · · · · · · · · ·	<u></u>		<u> </u>		
Abandoned by Geiss So	oil and Sa	amples LL	C under N	METCO's s	supervisio	ı					
7. Supervision of Work	(DNR Us	Only	11
Name of Person or Firm Do		ng & Sealin	g Licens	se#	Date of F	illing & Sealin	g (mm/dd/yyyy) Date Receive		oted By	
Eric Dahl/ METCO	-	-				10/10/201					
Street or Route	······································		1		<u></u>	elephone Nun		Comments			
709 Gille	ette Stre	et			- $ -$	608) 781-8					
Cîty			State	ZIP Code			Person Doing	Work	Da	ate Signed	لسنب
La Crosse			WI	54603-		12	1/n	<u> </u>		11/6/2014	ł

709 Gillette Street

State

WI

ZIP Code

54603-

City

La Crosse

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. Route to: Watershed/Wastewater X Remediation/Redevelopment Verification Only of Fill and Seal Drinking Water Waste Management Other: 1. Well Location information Facility / Owner Information County WI Unique Well # of Hicap # acility Name Removed Well Dave's Gas Station **JACKSON** acility ID (FID or PWS) Lattitude / Longitude (Degrees and Minutes) Method Code (see instructions) icense/Permit/Monitoring # 90 Original Well Owner 1/4/1/4 Section ownship Range SE SE E Matt Lechner or Gov't Lot # 22 23 4 W N resent Well Owner Well Street Address Matt Lechner 405 N WASHINGTON ST Mailing Address of Present Owner Well ZIP Code Well City, Village or Town P.O Box 86 Merrillan 54754-City of Present Owner ZIP Code State _ot # Subdivision Name 54615-Black River Falls WI Pump, Liner, Screen, Casing & Sealing Material WI Unique Well # of Replacement Well Reason For Removal From Service Pump and piping removed? Sampling Complete 3. Well / Drillhole / Borehole Information Liner(s) removed? Original Construction Date (mm/dd/yyyy) Screen removed? Monitoring Well Νľ Casing left in place? Water Well If a Well Construction Report is available. Was casing cut off below surface? Yes JNo please attach. X Borehole / Drillhole [x]_{Yes} Did sealing material rise to surface? ∐_{No} Construction Type: [x]_{No} Did material settle after 24 hours? Drilled Dug Driven (Sandpoint) If yes, was hole retopped? ∐No. If bentonite chips were used, were they hydrated with water from a known safe source? X Other (specify): Geoprobe Required Method of Placing Sealing Material Formation Type: Conductor Pipe-Gravity Conductor Pipe-Pumped X Unconsolidated Formation Bedrock Screened & Poured [X] Other (Explain): gravity Total Well Depth From Ground Surface (ft.) Casing Diameter (in.) (Bentonite Chips) ealing Materials Lower Drillhole Diameter (in.) Casing Depth (ft.) Neat Cement Grout Clay-Sand Slurry (11 lb./gal. wt.) Sand-Cement (Concrete) Grout Bentonite-Sand Slurry " * [X] Bentonite Chips Concrete Yes Unknown Was well annular space grouted? or Monitoring Wells and Monitoring Well Boreholes Only: If yes, to what depth (feet)? Depth to Water (feet) ■ Bentonite Chips Bentonite - Cement Grout 5 Granular Bentonite Bentonite - Sand Slurry 5. Material Used To Fill Well / Drillhole From (ft.) To (ft) **Pounds** Surface Bentonite Chips 13 6. Comments Abandoned by Geiss Soil and Samples LLC under METCO's supervision 7. Supervision of Work **DNR Use Only** Date of Filling & Sealing (mm/dd/yyyy) Name of Person or Firm Doing Filling & Sealing Date Received Noted By 10/10/2013 Eric Dahl/ METCO Street or Route Telephone Number Comments

608) 781-8879

Signature of Pepson Doing Work

Date Signed

11/6/2014

Well / Drillhole / Borehole Filling & Sealing Form 3300-005 (R 4/08) Page 1 o

Page 1 of 2

☐ Verification Only o	of Fill and S	ieal		≀rinking W √aste Mai		ı 🔲	Watershed/Wa	aslewater	[x]Rem	ediatior	1/Redeve	elopment	
1. Well Location Inform	nation	garya gash				2. Facility	// Owner Inf	ormation	48.CM (J2. 3				
	WI Unique We		Hicap #	1 0 000 000000		Facility Nan		004 COVERN 14 - 100 CO - 5 4 C - 5 2 C	misconstante	er: - 110-12-12-14-	- NO CONTRACTOR (NAME OF A	500 M 100 M	
JACKSON	Removed Wel						Dave's C	Gas Station					
Lattitude / Longitude (Degr	ees and klimut	ee) Metho	d Code	leaa inet	nuctions)	Facility ID (I	FID or PWS)						
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		."				License/Per	mit/Monitoring	#					
90 • 50 .		.w]							
WIN SE W SE	Section	on Tov	vnship	Range	ПΕ	Original We		tt Lechner					
or Gov't Lot #	2:	2 2	23 N	1 4	x w	Present We		tt Lecinter					
Well Street Address	<u></u>	<u> </u>		<u> </u>		-rieseik vve		att Lechner					
405 N WASHINGTON S	T					Mailing Add	ress of Presen		,				
Well City, Village or Town			Well	ZIP Cod	e	7114111119 7 124	1000 011 100011	P.O Box	x 86				
Merrillan				754-		City of Pres	ent Owner		State	ZIP	Code		
Subdivision Name			Lot #	ŧ				River Falls	wı		54615-		
	- 1 NA				1144.3	4. Pump.		n, Casing & :		terial		nigitara	
Reason For Removal From	Service WI	Unique We	u # ot Ke	piaceme	nt vveii	8 . N . CONT. N	401 1000	y 6. 72.04 y 1 - 30 0 - 11 y 10 y		1	П	$\overline{[x]}_{N/A}$	
Sampling Complete			\$2000			· '	d piping remov	/ed7	ı J	–JYes	H _{No}	[1	
3. Well / Drillhole / Bor	What has produced the person while first					Liner(s) r				⊢Yes	∐No	Tv1	
Monitoring Well	Origina	Construct		(mm/da/	/уууу)	Screen re				IYes	님 ∾		
Water Well	10	715/6	-014		** **	1	ft in place?			lYes □	<u> </u>		
X Borehole / Drillhole		ell Construc attach.	tion Rep	ort is ava	allable,	1	ng cut off belo			· IYes			
Construction Type:	1,5					1	ng material rise			XYes			
	riven (Sandpo	int\	При	a		i .	rial settle after			Yes	[x] _{No}		
2 i		ant)		y .			, was hole reto te chios were u		hvdrated i	lYes	L.J No	X _{N/A}	
X Other (specify): Geo	oprobe							ised, were they safe source?		x Yes	LI No	LI _{N/A}	
Formation Type:						<u> </u>		g Sealing Mate					
[X] Unconsolidated Form	ation	Bedr	ock			1	ctor Pipe-Grav		ctor Pipe-Pu				
Total Well Depth From Gro	und Surface (f	t.) Casing	Diamete	er (in.)		Screened & Poured (Bentonite Chips) [X] Other (Explain): gravity							
	8					Sealing Mate							
Lower Drillhole Diameter (i	n.) 2	Casing	Depth (f	fL)			Cement Grout		, ,			b./gal. wt.)	
		<u></u>				1 2	Cement (Concr	ete) Grout			nd Slurry		
Was well annular space gro	outed?	Yes	□No	□ Uı	nknown	Concre			[X] Bentor		os		
If yes, to what depth (feet)?	. D	epth to Wat	er (feet)	;		} ********		fonitoring Well					
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	i i jang kalang	entant to parameter	age aggregati		General de la company	अध्यासम्बद्धाः एक	1		entonite - Sa	ina Siui	TY		
5. Material Used To Fill V	Vell / Drillhole	8.544.654 <u>6</u>	<u>jan karaji</u>	1 1 QU	Walter Francisco	From (ft.)	To (ft.)	Pound	S				
Bentonite Chips			****			Surface	8	13				***************************************	
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6. Comments													
GP-4 Abandoned by Geiss So	il and Samples	LLC unde	er MET	CO's sup	ervision								
7. Supervision of Work			1						DNR U	se Onl	у		
Name of Person or Firm Do	ing Filling & S	ealing Lic	ense #	p;	ate of Fill	ling & Sealin	g (mm/dd/yyyy) Date Receiv	ed l	Voted E	y		
Eric Dahl/ METCO						10/10/201	.3						
Street or Route						lephone Nun		Comments					
	tte Street			Code		608) 781-8						<u> </u>	
City		State		Signature of	Person Doing	Work		Date Sig					
La Crosse		WI	5	4603-		11/6/2014							

Well / Drillhole / Borehole Filling & Sealing Form 3300-005 (R 4/08) Page 1 of

☐ Verification Only	of Fill	and Seal			o. inking Water aste Managen	nent	H	Watershed/Wa Other:	stewater	[X]Remed	liation/Redev	relopment			
1. Well Location Inform	W Unique Well # of Removed Well # of Removed Well # of Removed Well # of Removed Well # of Removed Well # of Removed Well # of Removed Well # of Removed Well					2. Fa	ility	/ Owner Info	rmation		11,5133,714				
County			of Hi	icap#		Facility	New Astron	Carrier acres manifest	11,10,400,100,400,7,100,111	ar considera, restor	AND THE STATE OF T				
JACKSON	Remov	ed Well						Dave's G	as Station						
	PAS and	t Minutes)	Method (anda (s	see instruction	Facility	ID (F	ID or PWS)							
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		'4				License	/Pern	nit/Monitoring	#						
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1/1/4 SE 1/4 SE	,	Section	Town:	ship	Range [E Ongina	vveli	Owner Mat	t Lechner						
or Gov't Lot #		22	23	N	4 $[x]$	N Broson	15/00	Owner	Lecinei						
Well Street Address				mas manage		resen	AACII		tt Lechner						
405 N WASHINGTON S	T					Mailing	Addr	ess of Present		····					
Well City, Village or Town				Well Z	ZIP Code	71.09	. 1001		P.O Box 8	36					
Merrillan					154-	City of	rese	nt Owner		State	ZIP Code	· · · · · · · · · · · · · · · · · · ·			
Subdivision Name				Lot#					River Falls	WI	54615-				
		140 (1)_(_		<u> </u>	110/_	. 4. Pur	np. L	Iner, Screen	, Casing & Se	ealing Mate	rial	MCVII bee			
	i Servic	e Mai nuid	ue vven #	oi Kep	nacement vve	11 23.11.13.55.	(4.4.10.71.		4: #1:49:401::2453175241/0354.ne		lyes □N	[x] _{N/A}			
Sampling Complete	0.745,046,5					P179/005	•	piping remov	eu /	<u> </u>	Yes DN	Ew1			
3. Well / Drillhole / Bor	A. C. S. S. L. C. S. S. S.	1110 539 6 4 5 5 7 10 100	228.031 385 1267		(manufidal)	906454	Liner(s) removed? Screen removed? Liner(s) removed? Yes \(\text{No} \(\text{IX} \) \(\te								
Monitoring Well			, ,	2014	.,	ı						fv1			
Water Well	ŀ							t in place?		<u></u>	1 1	īvī			
X Borehole / Drillhole				п керо	n is available.	1		ng cut off belov			Yes UN				
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= :	•	sariupoint)	L	C.09	l			was hole reto a chips were us			lYes ∐N				
	oprobe								sed, were they h safe source?		Yes N	D LIN/A			
Formation Type:			_			-		•	Sealing Materia						
[X] Unconsolidated Form	ation		Bedroc	k		==		tor Pipe-Gravi ed & Poured		tor Pipe-Pum					
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If yes, to what depth (feet)?	?	Depth	to Water	(feet)		1 2		ig vvens and in ite Chips	P-mm-3	ntonite - Cerr					
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		ampies EE	Cunder	METC	O 3 Super visi	-			U Berongewaan ke	DUDILL	O-1.				
Supervision of Work Name of Person or Firm Do		ing & Spalls	a Lloca	#	Data of	Filling 9 C	adina	(mm/ddhaen)) Date Receive	DNR Use	ted By				
Eric Dahl/ METCO	any Fill	ing a otalli	y Liter	19¢#	Date of	10/10	_		Lara Lacaile	100	waa by				
Street or Route						Telephone			Comments	<u>an a pair ja an Ira</u> O Saladara a salada	<u>erte ejibese.</u> Major elektrik				
709 Gille	ette Stre	et				(608)7				rigi i		3.0			
Cîty			State	ZIP C	Code			Person Doing	Work	Da	te Signed				
La Crosse			WI	1	603-	15		1/20			11/6/20	14			

Well / Drillhole / Borehole Filling & Sealing Form 3300-005 (R 4/08) Page 1 of

☐ Verification Only o	of Fill and Seal	1	=	ing Water e Manageme	ent 🔲	Watershed/W	/astewater	[X]Reme	ediation/Redevelor	pment
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or Gov't Lot #	22	23	N 4	ΙXΙν	/		att Lechner			
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405 N WASHINGTON S	Т				Mailian Add	ress of Prese	latt Lechner			
Well City, Village or Town			Well ZIP	Code	- Maning Aud	iess of Fiese	P.O Box	96		
Merrillan			54754	-	City of Pres	ant Owner	r.O box	State	ZIP Code	
Subdivision Name			Lot#		City of Fres		k River Falls	WI	54615-	
					/ P		on, Casing & S	 		A C
Reason For Removal From	Service WI Uniq	ue Well#	of Replac	cement Well	* Edith	Liller, Sciet	m, casmy or o	eanny ma	<u> </u>	1
Sampling Complete					Pump an	d piping remo	ved?	Ļ		X] _{N/A}
3. Well / Drillhole / Bon	ehole informatio	n			Liner(s) r	emoved?		Ļ		x] _{N/A}
	Original Co			m/dd/yyyy)	Screen re	emoved?		Ļ		$\mathbf{x}]_{NA}$
Monitoring Well		/13/1	2014	THE RESIDENCE OF THE PARTY OF T	Casing le	eft in place?		Ľ	∐Yes ∐ No L	$X]_{N/A}$
Water Well	if a Well Co		n Report i	s available,	Was casi	ing cut off belo	ow surface?	Γ		x] _{N/A}
X Borehole / Drillhole	please atta	ch.			Did sealir	ng material ris	se to surface?	[x] _{Yes} □ _{No} [$\square_{N\!/\!A}$
Construction Type:		_	_		Did mate	rial settle afte	r 24 hours?		$]_{Yes} [x]_{No} [$] _{N/A}
Drilled D	riven (Sandpoint)	L	Dug			, was hole rel				X] _{N/A}
X Other (specify): _Geo	probe				If bentoni	te chips were	used, were they n safe source?	hydrated [x] _{Yes} □ _{No} [□ _{N/A}
Formation Type:			·				ng Sealing Materi		-1165 L-1(40 L	
[X] Unconsolidated Forma		Bedroc	ե		l puning	ıctor Pipe-Gra			mped	
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Total Well Depth From Gro	8	asing Di	ameter (ir	1.)		nite Chips)		-Apisani). <u>-0</u> -		
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cover binnois biantice (ii	., 2	Zasang Di	opai (ic)			Cement (Conc	roto) Grout		ite-Sand Slurry " "	,
			7		$\Box\Box\Box$	•	acie) Glout	[X] Benton	•	
Was well annular space gro	outed?	Yes L	_No L	Unknow	3 1		Monitoring Well E			
If yes, to what depth (feet)?	Depth	to Water	(feet)		[nite Chips	P*****3	intonite - Ce		
			5		1	lar Bentonite		ntonite - Sa		
5. Material Used To Fill V	Vall / Drillhola		1 1889 (1		From (ft.)	To (ft.)	Pounds			
	en / Dimilolo		· . · ·			 				
Bentonite Chips		······			Surface	8	13			
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6. Comments				<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	
GP-6 Abandoned by Geiss Soi	il and Samples I I	Cunder	METCO	e cuparvicio	n					
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7. Supervision of Work		. 1		Det	780 m a 0 0 11	(mama (-1-14)		DNR Us		
Name of Person or Firm Do Eric Dahl/ METCO	my ruing & Sealir	ig Licen	ise#	hate of I	_		y) Date Receive	a N	oled By	
Street or Route					10/10/201		Tommers.		***	
709 Gille	tte Street			[elephone Nun		Comments			
Cîty	ac outer	State	ZIP Cod		(608) 781-8	Person Doing	n Work	<u>In</u>	ate Signed	
La Crosse		WI	54603					٢	11/6/2014	

Well / Drillhole / Borehole Filling & Sealing Form 3300-005 (R 4/08) Page 1 of

Page 1 of 2

☐ Verification Only o	of Fill a	nd Seal		\equiv	inking Water aste Manager	nent	Watershed/W	astewater	[X] Remed	diation/Redevel	lopment 	
1. Well Location Inform	nation	9215				2. Facilit	// Owner In	formation				
		ie Well # o	of Hi	icap#	12.24.23.223	Facility Nan			112000,0000,0000,0000,0000	Section 1.47 to a New York of the Section		
	Remove	d Well	- 1			-	Dave's	Gas Station				
JACKSON	<u> </u>			Sada (Facility ID (FID or PWS)		······································			
Lattitude / Longitude (Degr 44 • 27	rees and		метпоа т	J008 (see instructio	ns)	Manager Manager Co. Co. Co. Co. Co. Co. Co. Co. Co. Co.					
		— 'N				License/Per	mit/Monitoring	g #				
<u>90</u> · <u>50</u>		,w				_	**************************************		····			
14/4 SE 14 SE	2	Section	Town:	ship	Range 🗂	Original We						
or Gov't Lot #		22	23	N	4 x	W Organt 10/o		att Lechner				
Well Street Address	·····		I		L 5-1	Present We		1-44 J				
405 N WASHINGTON S	T					Mailing Add	ress of Prese	latt Lechner	. ,			
Well City, Village or Town	**************************************	***************************************		Well 2	ZIP Code	- Walling Add	1622 OI LIG26	P.O Box	86			
Merrillan				547	754-	City of Pres	ent Owner	1.0 002	State	ZIP Code		
Subdivision Name				Lot#		Oily or res		k River Falls	WI	54615-		
				<u></u>		4 Pumn		n, Casing & S		 	i jera	
Reason For Removal From	n Service	WI Uniq	ue Well#	of Rep	olacement We	W	110,1001000	<u> </u>		1 1	[v]	
Sampling Complete			K-1			Pump an	d piping remo	ved?	<u></u>	Yes HNo	[X] _{N/A}	
3. Well / Drillhole / Bor	Section to the section of	A Sept of Artists 1975	indian' i		211 (Aug.) 211 (Aug.)		emoved?		<u>L</u>	JYes ∐No	$[x]_{N/A}$	
Monitoring Well	Ю	riginal Cor	struction		(mm/dd/yyyy)	Screen n	emoved?		<u></u>	Yes No	$[x]_{N/A}$	
Water Well	ļ	10	/13/	2010			eft in place?			Yes No	[x] _{N/A}	
X Borehole / Drillhole		f a Well Co lease atta		n Repo	ort is available		ing cut off belo			Yes HNo	X N/A	
**#		nease ana				Did seali	ng material ris	se to surface?	[X	Yes DNo	∐N/A	
Construction Type:			г	¬_		1	rial settle afte		<u></u>	Yes X No	INA	
	Orlven (Sa	indpoint)	L	Dug	1		, was hole rel		hannad mark an ad	JYes ∐No	$[X]_{N/A}$	
X Other (specify): Ge	oprobe					- with water	r from a know	used, were they l n safe source?	nyorated [X	J _{Yes} □ _{No}	□ _{N/A}	
Formation Type:	······································	-				Required M	ethod of Placir	ng Sealing Materi				
[X] Unconsolidated Form	ation		Bedroc	k		1 —	•	vity Conduc				
Total Well Depth From Gro		ace (ft.)	asing Di	ameter	(in.)		ned & Poured inite Chips)	X Other (E	explain): gra	vity		
	8		-			Sealing Mat				WINDLESS OF THE STATE OF THE ST		
Lower Drillhole Diameler (i	n.)	c	asing De	epth (ft	.)	☐ Neat (Cement Grout		Clay-Sa	nd Slurry (11 lb	./gal. wt.)	
	2					Sand-	Cement (Conc	crete) Grout	Bentonit	e-Sand Slurry *	. *	
Was well annular space gro	outed?		res [No	Unknov	Concr	ete		[X] Bentonit	e Chips		
	***************************************		····			For Monitori	ng Wells and i	Monitoring Well E	Boreholes On	ly:		
If yes, to what depth (feet)?	ſ	Бери	to Water	(leet)			nite Chips		intonite - Cen			
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Material Used To Fill V	Nell / Dri	llhole				From (ft.)	To (ft.)	Pounds				
Bentonite Chips						Surface	8	13				
					*.							
			-								<u></u>	
6. Comments								4 . 44 . 5				
GP-7 Abandoned by Geiss So	il and Sa	mples LL	Cunder	METC	O's supervis	ion					,	
7. Supervision of Work	· .				,				DNR Us	e Only		
Name of Person or Firm Do		g & Sealir	g Licen	se#	Date of	ate of Filling & Sealing (mm/dd/yyyy) Date Received Noted By						
Eric Dahl/ METCO	-	-	-			10/10/2013						
Street or Route						Telephone Number Comments						
709 Gille	ette Stree	t				(608) 781-8879						
City			State	ZIP (Code	Signature of Person Doing Work Date Signed						
La Crosse			WI	54	603-	9 / W 11/6/2014						

Well / Drillhole / Borehole Filling & Sealing Form 3300-005 (R 4/08) Page 1 of 2

			R	oute to	:								
☐ Verification Only of	erification Only of Fill and Seal					er		Watershed/W	astewater	[x]Ren	rediatio	n/Redeve	lopment
			[Was	ste Manag	gemen	t 🔲	Other:					
1. Well Location Inform	nation							// Owner In	formation	arten.			41 . 4 × 1.
	WI Unique W	/ell # of	Hie	cap#			Facility Nam		<u> </u>	y184103.8144.9537 <u>~</u>	212082A.	St. Sale, in a	
· I	Removed We								Gas Station				
JACKSON							Facility ID (F	ID or PWS)					······································
Lattitude / Longitude (Degr	ees and Minu	ites) Me	thod C	ode (se	e instruc	tions)	, ,	•					
<u>44</u> _ ° <u>_27</u>		_ 'N					License/Per	mit/Monitoring	g #				
90 • 50		·w							_				
14114 SE 14 SE	Sec	tion	Towns	hip F	Range r	<u>—</u> ТЕ	Original We	II Owner		·····			
or Gov't Lot #		22	23	- 1	, !	Ĩ		Ma	att Lechner				
Well Street Address		<i>4.1</i>	20	N	<u> </u>	K] W	Present Wel	II Owner					
405 N WASHINGTON S	r								latt Lechner				÷
Well City, Village or Town	1			Nell 7	P Code		Mailing Add	ress of Prese					
Merrillan				5475					P.O Box				
Subdivision Name				Lot#	7-1		City of Prese			State	ZIF	^o Code	
									k River Falls	WI		54615-	
Reason For Removal From	Service W	Unique	Well#	of Repl	acement '	Well	4. Pump,	Liner, Scree	n, Casing & S	ealing M	aterial		
Sampling Complete							Pump an	d piping remo	ved?		∐Yes	. LNo	
3. Well / Drillhole / Bor	ehole Infon	mation				1,000	Liner(s) n	emoved?			\square_{Yes}	i □No	
The state of the s	Origin	al Const	ruction	Date (r	nm/dd/yy	уу)	Screen re	emoved?			Yes	. □ _{No}	2 2 1 1 1 1
Monitoring Well .		10/13	3/2	014			Casing le	ft in place?			\square_{Yes}	. □ _{No}	$[x]_{N/A}$
Water Well	lfa∨	Vell Cons	truction	Repor	t is availa	ble,	Was casi	ng cut off bek	ow surface?		\prod_{Yes}		$[x]_{N/A}$
X Borehole / Drillhole	pleas	e attach.					1	•	se to surface?		$[x]_{Yes}$		
Construction Type:							i	rial settle afte			□Yes	ľvl	ПNА
Drilled D	riven (Sandp	oint)		Dug				, was hole rel			□yes		[v]
X Other (specify): Geo	oprobe								used, were they l n safe source?	nydrated	[x] _{Yes}		
Formation Type:									ng Sealing Materi		L2-17 @S	<u>Noالاا</u> :	LIN/A
		П					رخص ا	ctor Pipe-Gra	, h1	 tor Pipe-Pi	beams		
X Unconsolidated Form			edrock		e- v		Screen	ned & Poured	[x] Other (E	•	•		
Total Well Depth From Gro	und Sunace	(ii.) Cas	aig Dia	meter	(itt.)			nite Chips)			·		
Lower Drillhole Diameter (in	restruction of the contract of	Cas	ina De	pth (ft.)			Sealing Mate	enais Cement Grout		Clay-9	l2 hac	um (11 ll	o./gal. wt.)
LOWEL DIMINOSE DIGINESES (II	2	700	ary DC	par (ic.)	'			Cement (Conc	rate) Gmut			nd Slumy	
		\dashv		-			Concre	•	•	[x] Bento		_	
Was well annular space gro	outed?	∐ Ye:	s L	No	Unkr	10WN			Monitoring Well E			.p3	
If yes, to what depth (feet)?	ľ	Depth to	Water	(feet)			[nite Chips	- p	ntonite - C	-	Grout	
					5		: —	ar Bentonite	p	ntonite - S			
5. Material Used To Fill V	Vell / Drillbo	le .			*		From (ft.)	To (ft.)	Pounds				
	CH / BILLIO											· · · · · · · · · · · · · · · · · · ·	
Bentonite Chips							Surface	8	13				
							<u> </u>						
2 0		·	************				<u> </u>	<u> </u>		5,1, 4			
6. Comments								<u> </u>					<u> </u>
GP-8 Abandoned by Geiss So	il and Sample	es LLC i	ınder l	METCO	D's super	vision							
7. Supervision of Work					P					DNR U	sa On	lv.	
Name of Person or Firm Do		Spaling	Licens	t as	Date	of Fil	ling & Spolin	a (mm/dd/sss	y) Date Receive		Noted		
Eric Dahl/ METCO	g i milg o	Jeaning	انجار	,	Date	. 🔾 ; 1 (1	10/10/201		,, Date ixeceive		. 10164	- 7	
Street or Route	<u> </u>	***************************************	1			Те	lephone Nun		Comments		1.1.		
	tte Street						608) 781-8					.1	
Cîty		St	ate	ZIP Co	ode	man and the same		Person Doin	g Work	1	Date S	igned	
La Crosse	11/6/2014					14							

Well / Drillhole / Borehole Filling & Sealing Form 3300-005 (R 4/08) Page 1 of

Page 1 of 2

Toma to the appropriate and			R	oute t	o:									
Verification Only	of Fill ar	nd Seal		☐ Dr	inking W	ater		Watershed/Wa	stewater	[X]Remed	tiation/Redev	elopment		
				w	aste Mar	nagemer	nt 🔲	Other:						
1. Well Location Inform	nation	3.91.71.84.11.31		5. 1. 3. T	1,11,11		The second season Se	and the process of the same	armatian	Pabe H				
County	distance part is printed as	e Well # o	ROMAN Hi	cap#				Committee of the second	Omiadon	edikiri m	<u> Haradas I. gad</u>			
•	Removed		["	· .			l somiy morn		Gas Station					
JACKSON	<u> </u>						Facility ID (F				**************************************			
Lattitude / Longitude (Degr	rees and f	Vinutes) N	fethod (code (s	see instr	uctions)		·		State VIP Code WI 54615- Sealing Material Yes No [X]N Yes No [X]				
44 • _27		'N					License/Peri	Other						
90 • _50		·w												
14/14 SE 14 SE		Section	Towns	hip	Range	ПΕ	Original Wel	ll Owner						
or Gov't Lot#		22	23	N	4	x w	ļ		tt Lechner					
Well Street Address	L		1		i	A	Present Wel							
405 N WASHINGTON S	T						1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2							
Well City, Village or Town	——————————————————————————————————————			Well 2	ZIP Code	9	-Mailing Addi	ress of Presen						
Merrillan				547	54-		City of Proce	ont Owner	r.O box o		71P Code			
Subdivision Name			****	Lot#			-City of Fiest		Divor Falls	1	1			
							4 Duma i					<u> </u>		
Reason For Removal Fron	n Service	WI Uniqu	e Well #	of Rep	olacemer	nt Well		3,47, 47, 47, 47, 47, 47, 47, 47, 47, 47,			7 [7]			
Sampling Complete	NA 100 NA 11 NO 11 NO						Pumpano	d piping remov	red?	<u> </u>	T			
3. Well / Drillhole / Bor	27. 22. 30. 47. 10. 7	7,000 13.00 1.00					Liner(s) re	emoved?		<u> </u>	, <u> </u>	t1		
Monitoring Well	Or	iginal Con	struction	Date	(mm/dd/	уууу)								
Water Well	ļ	10/	3/2	214			<u>Casing le</u>	ft in place?			JYes LING			
[X] Borehole / Drillhole		a Well Cor lease attac		n Repo	nt is ava	ilable,	1	•						
		ease attac	1 + ,											
Construction Type:			г	٦.			1			Ļ	3 —			
2	Orlven (Sa	ndpoint)	L	Dug	I				, ,			$\sum_{N/A}$		
X Other (specify): Ge	oprobe		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<u></u>	***********		with water	r from a known	safe source?	Yulaieu [X	Yes No	O N/A		
Formation Type:							Required Me	ethod of Placing	g Sealing Materia					
[X] Unconsolidated Form	ation		Bedrock	(1		* 2 2	,	•			
Total Well Depth From Gro	ound Surfa	ce (ft.) C	sing Di	ameter	· (in.)				X Other (Ex	plain): gra	vity			
	8						Sealing Materials							
Lower Drillhole Diameter (i	n.)	C	asing De	pth (ft	.)		Neat C	ement Grout		Clay-Sa	nd Slurry (11	lb./gal. wt.)		
	2						Sand-(Cement (Concr		-	•	/ " "		
Was well annular space gr	outed?	П	es [\Box_{No}	□ur	nknown								
If yes, to what depth (feet)			o Water	(feet)				-	_ P3		•			
ii yes, to what depth (leet)	1	Серин	o vraici	(icce)				•						
	····	_ـــ	:	 	5		100000	ar Bentonite	L Ben	tonite - San	d Slurry			
5. Material Used To Fill V	Nell / Dril	lhole	1.	٠ <u>٠.</u>		A .	From (ft.)	To (ft.)	Pounds					
Bentonite Chips							Surface	8	13					
6. Comments										No.				
GP-9										٠.				
Abandoned by Geiss So		nples LLC	under	METC	O's sup	ervision				····				
7. Supervision of Work								1 .						
Name of Person or Firm De	oing Filling	g & Sealin	Licen	se#	Da	ate of Fi	_		Date Received	I N	oted By			
Eric Dahl/ METCO	·····						10/10/201							
Street or Route	*** C**** *						Telephone Number Comments							
							(608) 781-8879 Signature of Person Doing Work Date Signed							
City State ZIP Code WI 54603-							Signature of Person Boing voork Date Signed 11/6/2014				14			
							1	//		1	***************************************	- •		

City

La Crosse

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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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 Route to: X Remediation/Redevelopment Verification Only of Fill and Seal Drinking Water Watershed/Wastewater Waste Management Other: 1. Well Location Information Facility / Owner Information County WI Unique Well # of Hicap # acility Name Removed Well Dave's Gas Station **JACKSON** acility ID (FID or PWS) Lattitude / Longitude (Degrees and Minutes) Method Code (see instructions) icense/Permit/Monitoring# 90 ٠w Original Well Owner 1/4/1/4 Section Range SE l'ownship SE 7E Matt Lechner or Gov't Lot # 22 23 4 N W resent Well Owner Well Street Address Matt Lechner 405 N WASHINGTON ST Mailing Address of Present Owner Well City, Village or Town Well ZIP Code P.O Box 86 Merrillan 54754-ZIP Code ity of Present Owner State Subdivision Name ot# Black River Falls W 54615-Pump, Liner, Screen, Casing & Sealing Material WI Unique Well # of Replacement Well Reason For Removal From Service Pump and piping removed? Sampling Complete Liner(s) removed? 3. Well / Drillhole / Borehole Information Original Construction Date (mm/dd/yyyy) Screen removed? Monitoring Well Casing left in place? Water Well If a Well Construction Report is available, Was casing cut off below surface? No X Borehole / Drillhole please attach. $[x]_{Yes}$ LINO Did sealing material rise to surface? Construction Type: $[x]_{No}$ Did material settle after 24 hours? Drilled Dug Driven (Sandpoint) If yes, was hole retopped? ∐No If bentonite chips were used, were they hydrated with water from a known safe source? X Other (specify): Geoprobe equired Method of Placing Sealing Material Formation Type: X Unconsolidated Formation Bedrock Screened & Poured (Bentonite Chips) [X] Other (Explain): gravity Total Well Depth From Ground Surface (ft.) Casing Diameter (in.) Sealing Materials Lower Drillhole Diameter (in.) Casing Depth (ft.) **Neat Cement Grout** Clay-Sand Slurry (11 lb./gal. wt.) Sand-Cement (Concrete) Grout Bentonite-Sand Slumy " X Bentonite Chips Yes L No Unknown Was well annular space grouted? or Monitoring Wells and Monitoring Well Boreholes Only: If yes, to what depth (feet)? Depth to Water (feet) Bentonite Chips Bentonite - Cement Grout 5 Granular Bentonite Bentonite - Sand Slumy 5. Material Used To Fill Well / Drillhole From (ft.) To (ft) **Pounds** Surface Bentonite Chips 13 6. Comments Abandoned by Geiss Soil and Samples LLC under METCO's supervision 7. Supervision of Work **DNR Use Only** Name of Person or Firm Doing Filling & Sealing Date of Filling & Sealing (mm/dd/yyyy) Date Received Noted By 10/10/2013 Eric Dahl/ METCO Street or Route Telephone Number Comments 709 Gillette Street 608) 781-8879

State

WI

ZIP Code

54603-

Signature of Person Doing Work

Date Signed

11/6/2014

Well / Drillhole / Borehole Filling & Sealing Form 3300-005 (R 4/08) Page 1 or

Page 1 of 2

☐ Verification Only of	of Fill and Seal		Drinking Waste N	g Water Managemei	nt 🔲	Watershed/Waters	astewater	[X]Remedi	ation/Redevelo	pment				
1. Well Location Inform	nation	1 141 (1444)	igedia His		2. Facility	// Owner Ini	ormation							
	Wi Unique Well # o	of His	cap#		Facility Nan	ne	owen or the first of the first of	enge od gar, et sag ar	Contract to the contract of th					
JACKSON	Removed Well	-				Dave's (Gas Station							
Lattitude / Longitude (Degr	and Minutes)	Mothod C	ada (aaa ia	امدمانمهمام	Facility ID (I	ID or PWS)								
44 • 27	*	Method C	oge (see in	istructions,	'									
	'N				License/Per	mit/Monitoring	1#							
90 . 50	,w						·····	*****						
14/4 SE 1/4 SE	Section	Towns	hip Rang	ре ПЕ	Original We									
or Gov't Lot #	22	23	N 4	x w			tt Lechner							
Well Street Address	<u> </u>				Present We		att I ashman							
405 N WASHINGTON S	Т				Mailing Add		att Lechner							
Well City, Village or Town			Well ZIP C	ode	-waning Ado	ress of Preser	P.O Box 86	:						
Merrillan			54754-		City of Pres	ont Owner	7.O DO X 00	State	ZIP Code					
Subdivision Name			Lot#		City of Pres		. Dissess Ealla		54615-					
					4 10 2		k River Falls	WI		Alaren II				
Reason For Removal From	Service WI Uniqu	ue Well#	of Replacer	ment Well	4. Pump,	Liner, Scree	n, Casing & Sea	uing Mater	GENERAL CONTRACTOR OF	, <u></u>				
Sampling Complete					Pump an	d piping remo	ved?	날	∕es ∐No					
3. Well / Drillhole / Bor	ehole Informatio	n			Liner(s) r	emoved?				$[x]_{N/A}$				
	Original Cor	strugtion	Date (mm/	dd/yyyy)	Screen re	emoved?				[X] _{N/A}				
Monitoring Well	1/0/1	3/20	14		Casing left in place?									
Water Well	If a Well Co	nstruction	Report is a	available,	Was casi	ng cut off belo	w surface?		res \square No	$[x]_{N/A}$				
X Borehole / Drillhole	please atta	ch.	·		1	ng material ris		[x].		□ _{N/A}				
Construction Type:					1	rial settle after			es [X]No	Пма				
Drilled C	riven (Sandpoint)		Dug		I I	, was hole ret				[X] _{N/A}				
X Other (specify): Ge	oprobe						ised, were they hy	drated [x]		\Box				
							sate source? g Sealing Material		<u>res ШNо</u>	UN/A				
Formation Type:	· ·	٦			1 📥		rity Conducto		ad					
X Unconsolidated Form		Bedrock				ned & Poured								
Total Well Depth From Gro	, , ,	asing Dia	imeter (in.)		(Bentonite Chips)									
7111	8				Sealing Materials									
Lower Drillhole Diameter (i	n.) 2	asing De	ptn (ft.)			Cement Grout	<u>L</u>		Slurry (11 lb./					
 					1	Cement (Conci		-	Sand Slurry "	•				
Was well annular space gro	outed?	res L	_No	Unknown	Concre			Bentonite						
If yes, to what depth (feet)?	Depth	to Water	(feet)		1		Monitoring Well Bor							
, , , , , , , , , , , , , , , , , , , ,			, <u>,</u>		1	nite Chips	-	onite - Ceme						
	<u> </u>		J		St. 174 174	ar Bentonite	7	onite - Sand	Siurry					
5. Material Used To Fill V	Vell / Drillhole		<u> </u>	1	From (ft.)	To (ft.)	Pounds							
Bentonite Chips					Surface	8.	13							
6. Comments								7 1 1 1						
GP-11 Abandoned by Geiss So	il and Samples LL	C under N	AETCO's s	upervision	i									
7. Supervision of Work								DNR Use	Only					
Name of Person or Firm Do		g Licens	se #	Date of Fi	lling & Sealin	g (mm/dd/yyy)	/) Date Received		ed By					
Eric Dahl/ METCO	-	1			10/10/201									
Street or Route		1		, Те	lephone Nun	nber	Comments		1					
709 Gille	tte Street				(608) 781-8879									
City		ZIP Code		Signature of Person Doing Work Date Signed										
La Crosse		WI	54603-		9/2014									

Well / Drillhole / Borehole Filling & Sealing Form 3300-005 (R 4/08) Page 1 or

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☐ Verification Only o	of Fill and Sea	ו [<u>[</u>	Drinking Waste I	g Water Manageme	nt 🔲	Watershed/W Other:	astewater	[X]Reme	diation	/Redeve	lopment			
1. Well Location Inform	nation			via ph	2. Facility	/ Owner In	formation	all al Rein						
County	WI Unique Well #	of Hic	ap#		Facility Nam		John Committee of the C	Section of Section 1	7.33.0.3 A.3	14.10.				
JACKSON	Removed Well					Dave's (Gas Station							
Lattitude / Longitude (Degr	mae and Minutaet	Method C	odo (ego ir	natrictions	Facility ID (F	ID or PWS)								
44 27	-	Welliod C	one (see is	ISH UCUUHS	<u>'</u>									
	'N				License/Per	mit/Monitoring	g #							
90 •50	w	'						~~~~~						
14/14 SE 14 SE	Section	Townsl	hip Ran	ge E	Original Wel									
or Gov't Lot #	22	23	N 4	x w			att Lechner							
Well Street Address				122.1 ***	Present We									
405 N WASHINGTON S	т						latt Lechner			 				
Well City, Village or Town			Well ZIP C	ode	Mailing Add	ress of Preser		0.6						
Merrillan			54754-		<u></u>		P.O Box		- H-15					
Subdivision Name			Lot #		City of Prese			State	1	Code				
							k River Falls	WI		4615-				
Reason For Removal From	Service WI Uni	que Well #	of Replace	ment Well	4. Pump,	Liner, Scree	n, Casing & S	ealing Ma	erial					
Sampling Complete					Pump an	d piping remo	ved?		Yes	□No	$[X]_{N/A}$			
3. Well / Drillhole / Bor	ehole Informati	on		7.54 HA	Liner(s) n	emoved?			J_{Yes}	□No	$[x]_{N/A}$			
	Service and Learning Court Acres 15	nstruction	Date (mm/	(dd/vvvv)	Screen removed?									
Monitoring Well	10/		14		Casing left in place?									
Water Well	If a VAGUE	Construction	ni dalam di manana manana manana manana manana manana manana manana manana manana manana manana manana manana m	availahle	1	ng cut off belo	ou ourfooo?		J_{Yes}	Пио	$[x]_{N/A}$			
X Borehole / Drillhole	please att		reportis	DADUGOIC!	i	-		Ì	Yes		□ _{N/A}			
Construction Type:					ł	_	se to surface?	Ė	7	$[x]_{No}$				
	Orlven (Sandpoint)	Г	Dug			rial settle afte , was hole ret		F	Yes		[X] _{N/A}			
<u> </u>		L	7.08					hydrated r.	⊸lYes ¹		E IN/A			
X Other (specify): Ge	oprobe						used, were they n safe source?		x] _{Yes}	<u> ∐No</u>	<u>LIN/A</u>			
Formation Type:					1 —		ng Sealing Mater							
[x] Unconsolidated Form	ation	Bedrock			I ===	ctor Pipe-Grav		ctor Pipe-Pur						
Total Well Depth From Gro	und Surface (ft.)	Casing Dia	meter (in.)		Screened & Poured (Bentonite Chips) [X] Other (Explain): gravity									
	8				Sealing Mate	erials			****		***************************************			
Lower Drillhole Diameter (i	n.)	Casing De	pth (ft.)		Neat C	ement Grout		Clay-Sa	and Slui	ny (11 lb	o./gal. wt.)			
	. 2				Sand-Cement (Concrete) Grout Bentonite-Sand Slurry " "									
Was well annular space gr	autod2	Yes [No [Unknown	Concrete [X] Bentonite Chins									
				3 Officiowii	For Monitorii	ng Wells and I	Monitoring Well I	Boreholes O	nly:					
If yes, to what depth (feet)?	? Depti	i to Water ((teet)			ite Chips		entonite - Ce						
			5		Granul	ar Bentonite	Be	entonite - Sa	nd Slum	у				
5. Material Used To Fill V	Well / Drillhole				From (ft.)	To (ft.)	Pounds	3			•			
Bentonite Chips	<u></u>				Surface	8	13		1					
·						l o	13	•	\neg					
					 				_					
6. Comments					<u> </u>		<u> </u>							
GP-12							<u></u> -		·-···	-				
Abandoned by Geiss So	il and Samples Ll	LC under N	AETCO's	supervisio	1									
7. Supervision of Work								DNR Us	e Only	,				
Name of Person or Firm Do		ing Licens	e #	Date of F	illing & Sealin	n (mm/dd/ww	y) Date Receive		oted B					
Eric Dahl/ METCO	J J		-		10/10/201					r.				
Street or Route	W	1		' 	elephone Nun		Comments		11.7					
	ette Street				(608) 781-8879									
City		Signature of Person Doing Work Date Signed												
La Crosse	4	State WI	ZIP Code 54603-		11/6/2014									
***************************************		~ * * * * * * * * * * * * * * * * * * *			· · · · · · · · · · · · · · · · · · ·									

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 Route to: X Remediation/Redevelopment Drinking Water Watershed/Wastewater Verification Only of Fill and Seal Waste Management Other: 1. Well Location Information Facility / Owner Information WI Unique Well # of County acility Name ticap # Removed Well Dave's Gas Station **JACKSON** acility ID (FID or PWS) Lattitude / Longitude (Degrees and Minutes) Method Code (see instructions) icense/Permit/Monitorina# 90 Original Well Owner 1/11/4 Section ownship Range SE SE ٦E Matt Lechner or Gov't Lot # 22 23 4 W resent Well Owner Well Street Address Matt Lechner 405 N WASHINGTON ST Mailing Address of Present Owner Well ZIP Code Well City, Village or Town P.O Box 86 Merrillan 54754-City of Present Owner State ZIP Code Subdivision Name ot# 54615-Black River Falls Pump, Liner, Screen, Casing & Sealing Material WI Unique Well # of Replacement Well Reason For Removal From Service Pump and piping removed? Sampling Complete 3. Well / Drillhole / Borehole Information Liner(s) removed? _Yes Original Construction Date (mm/dd/yyyy) Screen removed? Monitoring Well Casing left in place? Water Well If a Well Construction Report is available, Yes JNo Was casing cut off below surface? X Borehole / Drillhole please attach. [x]_{Yes} -JNo Did sealing material rise to surface? Construction Type: $[X]_{No}$ J_{Yes} Did material settle after 24 hours? Driven (Sandpoint) Drilled Dug If yes, was hole retopped? If bentonite chips were used, were they hydrated with water from a known safe source? X Other (specify): Geoprobe Required Method of Placing Sealing Material Formation Type: Conductor Pipe-Gravity Conductor Pipe-Pumped X Unconsolidated Formation Bedrock Screened & Poured (Bentonite Chips) [X] Other (Explain): _gravity Total Well Depth From Ground Surface (ft.) Casing Diameter (in.) Sealing Materials Lower Drillhole Diameter (in.) Casing Depth (ft.) Neat Cement Grout Clay-Sand Slurry (11 lb./gal. wt.) Sand-Cement (Concrete) Grout Bentonite-Sand Slurry " " X Bentonite Chips Concrete Yes Unknown Was well annular space grouted? For Monitoring Wells and Monitoring Well Boreholes Only: If yes, to what depth (feet)? Depth to Water (feet) ■ Bentonite Chips Bentonite - Cement Grout 5 Granular Bentonite Bentonite - Sand Slurry 5. Material Used To Fill Well / Drillhole From (ft.) To (ft.) **Pounds** Surface Bentonite Chips 13 8 6. Comments **GP-13** Abandoned by Geiss Soil and Samples LLC under METCO's supervision

7. Supervision of Work				DNR Use Only			
Name of Person or Firm Doing Filling & Sealin Eric Dahl/ METCO	g License#	Date	of Filling & Sealing (mm/dd/yyyy) 10/10/2013	Date Received	Noted By		
Street or Route	4,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Telephone Number	Comments			
709 Gillette Street			(608) 781-8879				
City	State ZIP	Code	Signature of Person Doing	Work	Date Signed		
La Crosse	WI 5	4603-	19-1/0	<u> </u>	11/6/2014		

Well / Drillhole / Borehole Filling & Sealing Form 3300-005 (R 4/08) Page 1 of

Page 1 of 2

Verification Only of Fill and Seal			king Water te Managem	ent	Watershed/Watershed/Watersheet	astewater	[X]Remedi	ation/Redevelopment				
1. Well Location Information				2. Facilit	// Owner Inf	ormation						
County Wi Unique Well	# of H	icap#		Facility Nan		ACTUAL CONTRACTOR CONTRACTOR CONTRACTOR	and the same of the same of the same					
JACKSON Removed Well	1				Dave's C	Gas Station						
Lattitude / Longitude (Degrees and Minute	s) Method (Code (se	e instruction	Facility ID (FID or PWS)							
44 27	N N	0000 (36	e mondenon									
				License/Per	mit/Monitoring	#						
•	<u> </u>			Original We	II Ovinor							
1/4 SE 1/4 SE Section	1	· 1	ange DE	Original vve		tt Lechner						
or Gov't Lot # 22	23	N	4 [x] v	Present We		Decines						
Well Street Address						att Lechner						
405 N WASHINGTON ST				Mailing Add	ress of Preser	nt Owner						
Well City, Village or Town		Well Zif				P.O Box	86					
Merrillan		54754	4-	City of Pres	ent Owner		State	ZIP Code				
Subdivision Name		Lot#			Black	k River Falls	WI	54615-				
Reason For Removal From Service MI U	nique Well #	t of Repla	cement Well	-4. Pump,	Liner, Scree	n, Casing & S	ealing Mater	ial				
Sampling Complete	inquo eron a	o topsu	iodinom iro,		d piping remov	ved?		Yes □No [X]N/A				
3. Well / Drillhole / Borehole Informa	tion				emoved?			Yes No [X]N/A				
A STATE OF THE PROPERTY OF THE	Construction	n Date (m	m/dd/vvvv)	Screen re				Yes □No [X]N/A				
Monitoring Well /0	/13/1	014		ı	eft in place?			$_{\text{Yes}} \square_{\text{No}} [x]_{\text{N/A}}$				
Water Well If a Well	Constructio	n Report	is available.		Was casing cut off below surface?							
[X] Borehole / Drillhole please a			,	1	ng material rise		[x]					
Construction Type:				i	rial settle after			Yes [X]No TN/A				
Drilled Driven (Sandpoint) Dug				1	, was hole ret			Yes DNo XNA				
X Other (specify): Geoprobe				If bentoni	te chips were u	used, were they to a safe source?	nydrated [x]					
Formation Type:						g Sealing Materi		168 110 11/1/4				
[X] Unconsolidated Formation	Bedroc	l-		I		rity Conduc		ed				
Total Well Depth From Ground Surface (ft.			in 1		Screened & Poured (Bentonite Chips) [X] Other (Explain): gravity							
8) Casing Di	ameter (i	*1.7	Sealing Mat			T //					
Lower Drillhole Diameter (in.) Casing Depth (ft.)				Neat Cement Grout Clay-Sand Slurry (11 lb./gal. wt.)								
2					Cement (Conci	rete) Grout		-Sand Slurry " "				
10/	П _V Г	No		Concr	ete	•	[X] Bentonite	•				
Was well annular space grouted?	Yes L		Unknow	For Monitori	ng Wells and N	Monitoring Well E	oreholes Only	· ·				
If yes, to what depth (feet)? Dep	oth to Water	(feet)		☐ Bentor	nite Chips	☐ Be	ntonite - Ceme	ent Grout				
		5	,)	L Granu	lar Bentonite	L Be	ntonite - Sand	Slurry				
5. Material Used To Fill Well / Drillhole				From (ft.)	To (ft.)	Pounds						
Bentonite Chips			***************************************	Surface	8	13						
						•						
			······································		1							
6. Comments	~~ ~~~							• · · · · · · · · · · · · · · · · · · ·				
GP-14								,				
Abandoned by Geiss Soil and Samples	LLC under	METCO	's supervisio	n			······································					
7. Supervision of Work	***************************************						DNR Use					
Name of Person or Firm Doing Filling & Se	aling Licen	ise#	Date of	Filling & Sealin	• • • • • • • • • • • • • • • • • • • •	/) Date Receive	d Not	ed By				
Eric Dahl/ METCO				10/10/201								
Street or Route			1	•	elephone Number Comments							
709 Gillette Street City	State	ZIP Co		(608) 781-8	8879 Person Doing	1 Mark	h	o Sianad				
La Crosse	WI	5460		Orginature of		_	Date	e Signed 11/6/2014				

Street or Route

La Crosse

City

709 Gillette Street

Well / Drillhole / Borehole Filling & Sealing

Comments

Date Signed

11/6/2014

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. Route to: X Remediation/Redevelopment Drinking Water Watershed/Wastewater Verification Only of Fill and Seal Waste Management Other: 1. Well Location Information Facility / Owner Information WI Unique Well # of County licap # acility Name Removed Well Dave's Gas Station **JACKSON** acility ID (FID or PWS) Lattitude / Longitude (Degrees and Minutes) Method Code (see instructions) icense/Permit/Monitoring# 90 Original Well Owner 1/4/1/4 SE Section Township Range ΤE Matt Lechner or Gov't Lot # 22 23 resent Well Owner Well Street Address Matt Lechner 405 N WASHINGTON ST Mailing Address of Present Owner Well ZIP Code Well City, Village or Town P.O Box 86 Merrillan 54754-ZIP Çode City of Present Owner State Subdivision Name ot# 54615-Black River Falls WI Pump, Liner, Screen, Casing & Sealing Material WI Unique Well # of Replacement Well Reason For Removal From Service J No Pump and piping removed? Sampling Complete 3. Well / Drillhole / Borehole Information Liner(s) removed? Original Construction Date (mm/dd/yyyy) Screen removed? Monitoring Well Casing left in place? Water Well If a Well Construction Report is available. _ No Was casing cut off below surface? X Borehole / Drillhole please attach. XYes ∐No Did sealing material rise to surface? Construction Type: $[X]_{No}$ Yes Did material settle after 24 hours? Dug Drilled Driven (Sandpoint) If yes, was hole retopped? If bentonite chips were used, were they hydrated X Other (specify): Geoprobe with water from a known safe source? Required Method of Placing Sealing Material Formation Type: Conductor Pipe-Gravity Conductor Pipe-Pumped X Unconsolidated Formation Bedrock Screened & Poured (Bentonite Chips) [X] Other (Explain): gravity Total Well Depth From Ground Surface (ft.) Casing Diameter (in.) Sealing Materials Casing Depth (ft.) Neat Cement Grout Clay-Sand Slurry (11 lb./gal. wt.) Lower Drillhole Diameter (in.) Bentonite-Sand Slurry " " Sand-Cement (Concrete) Grout X Bentonite Chips Concrete Unknown Was well annular space grouted? or Monitoring Wells and Monitoring Well Boreholes Only: If yes, to what depth (feet)? Depth to Water (feet) Bentonite - Cement Grout ■ Bentonite Chips 5 Granular Bentonite Bentonite - Sand Slurry 5. Material Used To Fill Well / Drillhole From (ft.) To (ft.) **Pounds** Surface Bentonite Chips 8 13 6. Comments **GP-15** Abandoned by Geiss Soil and Samples LLC under METCO's supervision 7. Supervision of Work **DNR Use Only** Name of Person or Firm Doing Filling & Sealing License # Date of Filling & Sealing (mm/dd/yyyy) Date Received Noted By Eric Dahl/ METCO 10/10/2013

Telephone Number

ZIP Code

54603-

State

WI

608) 781-8879

Signature of Person Doing Work

Well / Drillhole / Borehole Filling & Sealing Form 3300-005 (R 4/08) Page 1 o

Page 1 of 2

Verification Only of Fill and Seal □ Drinking Water □ Waste Managen					Watershed/Wastewater [X] Remediation/Redevelopment Other:									
1. Well Location Inform	nation		Sellai.	San C			2. Facility	/ Owner In	formation	dia Sheti				
County	WI Unique Removed		f Hi	cap#			Facility Nam	ię	Gas Station	mair as PARAS &				
JACKSON	— —						Eacility ID (FID or PWS)	Gas Station	***************************************				
Lattitude / Longitude (Degi	rees and N	linutes)	Method (Code (s	see instruct	ions)	acinty to (i	10 0(1 440)						
<u>44</u> _ • _27		,N					License/Per	mit/Monitoring	n #					
90 • 50		·wl												
74/4 SE 74 SE		ection	Towns		Range		Original Wel	I Owner				 		
or Gov't Lot #		22	23			E		Ma	att Lechner					
Well Street Address		<u> </u>		N	4 X	W	Present We	I Owner						
405 N WASHINGTON S	T							M	latt Lechner					
Well City, Village or Town) <u>I</u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Well	ZIP Code		Mailing Add	ress of Preser						
Merrillan				1	754-				P.O Box	· · · · · · · · · · · · · · · · · · ·				
Subdivision Name				Lot #			City of Pres			State	- 1	P Code		
									k River Falls	WI		54615-		
Reason For Removal From	Service	WI Uniqu	ıe Well #	of Rep	placement V	Vell	4. Pump,	Liner, Scree	n, Casing & S	ealing M	aterial —	134 40 14		
Sampling Complete		.					Pump and	d piping remo	ved?		ЩYея	: Цио		
3. Well / Drillhole / Bor	ehole Inf	ormatio	n				Liner(s) removed?							
	Ori	ginal Con			(mm/dd/yyy	y)	Screen re	moved?			L Yes	₃╚∾		
Monitoring Well		10/	13/2	014			Casing left in place? Yes No X N/							
Water Well				n Repo	ort is availab	le,	Was casing cut off below surface? $\bigvee_{i=1}^{N} Yes \bigvee_{i=1}^{N} No \bigvee_{i=1}^{N} N/N$							
X Borehole / Drillhole	p)	ease attac	<u></u> ி.				Did sealing material rise to surface? XYes \(\sum No \sum N/A							
Construction Type:			_	_			Did mater	rial settle after	r 24 hours?		∐ _{Yев}	x] _{No}		
Drilled Driven (Sandpoint) Dug			If yes, was hole retopped? If bentonite chips were used, were they hydrated with water from a known safe source? X Yes											
X Other (specify): Ge	oprobe		- William Control of the Control of				with water	re chips were i r from a knowi	used, were they in n safe source?	nyorated	$[x]_{Yes}$	₃ □ _{No}	$\square_{N/A}$	
Formation Type:							Required Me	thod of Placin	ng Sealing Materi	al				
[X] Unconsolidated Form	ation		Bedrock	k				ctor Pipe-Grav	• = =					
Total Well Depth From Ground Surface (ft.) Casing Diameter (in.)						ned & Poured nite Chips)	[X] Other (E	xplain): _	gravity					
	8						Sealing Materials							
Lower Drillhole Diameler (i	n.)	c	asing De	epth (ft.	i.)		☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wi							
2					Sand-Cement (Concrete) Grout Bentonite-Sand						w 11			
Was well annular space gr	outed?		′es [□No	Unkn	own	Concre			X Bento		ips		
If yes, to what depth (feet)?		Depth t	o Water	(feet)				-	Monitoring Well E			D		
, , , ,				,	5]	iite Chips ar Bentonite	=	ntonite - C				
5. Material Used To Fill V	Note / Delte						From (ft.)	To (ft.)	F	ntonite - S	and Sit	<u>-</u>		
	1941) Dilli	11018	** :		<u> </u>				Pounds					
Bentonite Chips							Surface	8	13					
		_					 	 	`					
6. Comments							<u> </u>	<u>L</u> 1			Ļ_			
GP-16 Abandoned by Geiss So	il and San	noles LLC	. under	METC	O's superv	ision	· · · · · · · · · · · · · · · · · · ·					·		
7. Supervision of Work										DNR L	lse On	ılv		
					ling & Sealing	g (mm/dd/vvv	y) Date Receive		Noted					
Eric Dahl/ METCO			<u> </u>			.,	10/10/201			7.		- ,		
Street or Route					I	Те	elephone Number Comments							
709 Gille	ette Street						608) 781-8	38 <u>79</u>					Ī	
City			State	ZIP C				Person Doing	g Work		Date S	igned		
La Crosse			WI	54	603-			//~	<u> </u>			11/6/201	4	

Site Investigation Report - METCO Dave's Gas Station (Former)

APPENDIX D/ WASTE DISPOSAL DOCUMENTATION

DKS Transport Services, LLC

N7349 548th Street Menomonie, WI 54751

715-556-2604

INVOICE

10-30

20 /5

CUSTOMER

chad da METGO

d Davis G

5 Station

109 GILLER ST

....

Member WI

CASH CHECK #____

IN-HOUSE ACCOUNT

QUAI DATE	NTITY SHIPPED	DESCRIPTION	QTY.	UNIT PRI	CE	AMOUNT		
	1	Mobilization	1	274		274	_	
	6	Haul soil dring to Advanced Disposal-Ear Clair LIT Haul water down to Advanced Disposal Ear Clair WE	6	/03		618	_	
	1	Haul water down to Advanced Disposit Ear Closing we	1	40	10	40	10	
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Due upon rec '.5% per moi		ice. Charge (18% Annual Percentage Rate) will be added to past due accounts.		ТОТ	ΓAL	932	10	

IGNATURE	4	
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	•	•

Site Investigation Report - METCO Dave's Gas Station (Former)

APPENDIX E/ OTHER DOCUMENTATION

LUST and Petroleum Analytical and QA Guidence July 1993 Revision

Petroleum Substance Discharged	Analysis of Samples Collected for UST Tank Closure Assessments	Solid Waste Program Requirements for Soils to be landfilled ⁵	Site Investigation, Pretreatment and Posttreatment Sample Analysis ¹¹
Regular Gasoline	GRO²	Free Liquids ⁶ GRO Benzene ⁷ Pb ⁷ Haz. Waste Deter. ⁸	GRO VOC/PVOC¹⁵ Pb¹²
Unleaded Gasoline; Grades 80 100, and 100 LL (Low Lead) Aviation Fuel	GRO²	GRO PVOC	
Diesel; Jet Fuels; and No's 1, 2, and 4 Fuel Oil	DRO³	Free Liquids ⁶ DRO Benzene ⁷ Haz. Waste Deter. ⁸	DRO³ PVOC PAH ¹³ 14
Crude Oil; Lubricating Oils; No. 6 Fuel Oil	DRO³	Free Liquids ⁶ DRO Haz. Waste Deter. ⁸	DRO³ PAH ¹³ 14
Unknown Petroleum	GRO ⁷ and DRO ^{3 4}	Free Liquids ⁶ GRO and DRO Pb, Cd ⁷ Haz. Waste Deter. ⁸ CN ¹⁹ S ² 10	GRO and DRO ^{3 4} VOC/PVOC ¹⁵ PAH ^{13 14} Pb, Cd ¹²
Waste Oil	DRO³	Free Liquids ⁶ DRO Pb, Cd ⁷ Haz. Waste Deter. ⁸ CN ¹⁹ S ^{2 10}	DRO ³ VOC/PVOC ¹⁵ PAH ¹³ ¹⁴ PCBs ¹⁶ Pb, Cd ¹²

Abbreviations:

- GRO Gasoline Range Organics, Determined by the Wisconsin Modified GRO Method
- DRO Diesel Range Organics, Determined by the Wisconsin Modified DRO Method
- VOC Volatile Organic Compounds (See Section 11.1 for a list of VOC compounds)
- PVOC Petroleum Organic Compounds (See Section 11.2 for a list of PVOC compounds)
- PAH Polynuclear Aromatic Hydrocarbons (See Section 11.3 for a list of the PAH compounds)
- PCBs Polychlorinated Biphenyls

SYNERGY ENVIRONMENTAL LAB – Sample Bottle Requirements

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

	_,	TATER SAMPLES	_
Test	Original Sample Container	Preserved	Holding Time t
WET CHEMISTRY	- Container		Analysis
Alkalinity SM2320B/EPA 310.2	250 mL HDPE	4°C	
Ammonia EPA 350.1	250 mL HDPE		14 days
BOD, cBOD SM5210B	500 ml HDPE	4°C, pH<2 with H₂SO₄ 4°C	28 days
COD EPA 410.4	500 ml HDPE		48 hrs.
Chloride EPA 300.0/EPA 325.2	250 mL HDPE	4°C, pH<2 with H₂SO₄ 4°C	28 days
Cyanide SW846 9012A/SM4500-CN-C	1000 mL HDPE		28 days
Flashpoint SW846 1010	250 mL HDPE	4°C, pH>12 with NaOH 4°C	14 days
Fluoride EPA 300.0	250 mL HDPE	4°C	28 days
Hardness SW846 6010B	250 mL HDPE		28 days
TKN EPA 351.2	1 Liter HDPE	4°C, pH<2 with HNO ₃	180 days
Nitrate EPA 300.0	250 mL HDPE	4°C, pH<2 with H₂SO ₄ 4°C	28 days
Nitrate+Nitrite EPA 300.0	250 mL HDPE	4°C, pH<2 with H ₂ SO ₄	48 hours
Nitrite EPA 300.0	250 mL HDPE	4°C	28 days
Oil & Grease EPA 1664	1 Liter Glass	4°C, pH<2 with H ₂ SO ₄	48 hours
Organic Carbon SW846 9060/	1		28 days
EPA 415.1	40 ml Glass	4°C, pH<2 with H ₂ SO ₄ or HCL	28 days
Phenol, Total EPA 420.1	1 Liter Glass	4°C, pH<2 with H ₂ SO ₄	28 days
Phosphorus, Total EPA 365.3	250 mL HDPE	4°C, pH<2 with H₂SO₄	28 days
Sulfate EPA 300.0	250 mL HDPE	4°C	28 days
Total: Dissolved Solids EPA 160.1	250 ml HDPE	4°C	7 days
Total Solids EPA 160.3	250 ml HDPE	4°C	7 days
Total Suspended Solids EPA 160.2	250 mL HDPE	4°C	7 days
NELWI2 医工程管理检查测量系统 企业公司			the management of
Metals	250 mL HDPE	4°C, pH<2 with HNO₃	6 months
Mercury SW8467470/EPA 245.1	250 mL HDPE	4°C, pH<2 with HNO₃	28 days
DRGANIES EL EL ES			
Semivolatiles SW846 8270C	1 Liter amber glass, collect 2 for one of the	4°C	7 days extr.
	samples submitted .	4 0	40 days following extr
	1 Liter amber glass,		
PAH SW846 8270C	collect 2 for one of the	4°C	7 days extr.
	samples submitted		40 days following extr
	1 Liter amber glass,		
PCB SW846 8082	collect 2 for one of the	4°C	7 days extr.
	samples submitted.		40 days following extr
DRO, Modified DNR Sep 95	1 Liter amber glass with		7 days subs
		4°C, 5 mL 50% HCI	7 days extr.
VOC'S	Teflon lined cap		40 days following extr
VOC'S SW846 8260B/EPA524.2	Teflon lined cap (3) 40 mL glass vials with	4°C, 0.5 mL 50% HCl,	40 days following extr
SW846 8260B/EPA524.2	Teflon lined cap (3) 40 mL glass vials with Teflon lined septum caps	4°C, 0.5 mL 50% HCl, No Headspace	40 days following extr
	Teflon lined cap (3) 40 mL glass vials with	4°C, 0.5 mL 50% HCl,	40 days following extr
SW846 8260B/EPA524.2 GRO/VOC	Teflon lined cap (3) 40 mL glass vials with Teflon lined septum caps (4) 40 mL glass vials with	4°C, 0.5 mL 50% HCl, No Headspace 4°C, 0.5 mL 50% HCl prior to adding sample to jar	40 days following extr 14 days 14 days
SW846 8260B/EPA524.2	Teflon lined cap (3) 40 mL glass vials with Teflon lined septum caps (4) 40 mL glass vials with Teflon lined septum caps (2) 40 mL glass vials with Teflon lined septum caps	4°C, 0.5 mL 50% HCl, No Headspace 4°C, 0.5 mL 50% HCl prior to adding sample to jar 4°C, 0.5 mL 50% HCl prior to adding sample to jar	40 days following extr
SW846 8260B/EPA524.2 GRO/VOC GRO, Modified DNR Sep 95	Teflon lined cap (3) 40 mL glass vials with Teflon lined septum caps (4) 40 mL glass vials with Teflon lined septum caps (2) 40 mL glass vials with	4°C, 0.5 mL 50% HCl, No Headspace 4°C, 0.5 mL 50% HCl prior to adding sample to jar 4°C, 0.5 mL 50% HCl prior to adding sample to jar	40 days following extr 14 days 14 days 14 days
SW846 8260B/EPA524.2 GRO/VOC	Teflon lined cap (3) 40 mL glass vials with Teflon lined septum caps (4) 40 mL glass vials with Teflon lined septum caps (2) 40 mL glass vials with Teflon lined septum caps (2) 40 mL glass vials with Teflon lined septum caps	4°C, 0.5 mL 50% HCl, No Headspace 4°C, 0.5 mL 50% HCl prior to adding sample to jar 4°C, 0.5 mL 50% HCl prior to adding sample to jar 4°C, 0.5 mL 50% HCl prior to adding sample to jar	40 days following extr 14 days 14 days
SW846 8260B/EPA524.2 GRO/VOC GRO, Modified DNR Sep 95	Teflon lined cap (3) 40 mL glass vials with Teflon lined septum caps (4) 40 mL glass vials with Teflon lined septum caps (2) 40 mL glass vials with Teflon lined septum caps (2) 40 mL glass vials with Teflon lined septum caps (2) 40 mL glass vials with	4°C, 0.5 mL 50% HCl, No Headspace 4°C, 0.5 mL 50% HCl prior to adding sample to jar 4°C, 0.5 mL 50% HCl prior to adding sample to jar	40 days following extr 14 days 14 days 14 days

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

SYNERGY ENVIRONMENTAL LAB – Sample Bottle Requirements

TABLE 2 SAMPLE & PRESERVATION REQUIREMENTS FOR SOIL SAMPLES

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

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

- + if webscalculation result or Cisal exceeds, till a try weight (the century find concentration general in that Gisers, Guide), that is if increase to C. Rich detailes to 189,000 pure.
- 1 Face para in petromicients, Humanic and, values under http:// Site Para | For IND ruse detection limit. Opinotispe | HA nor space to | Center purple cells last is 1
- 2. After completing data entry. See Summary in Row 827.

Site Name:

Sample 10

							Compan	bii/Hizard	20 E	2 1 1 1 1 D 1 1 D
Le EZ		6.7								rgel GPUs A BOFUs
		NC#GL	J. Hotel			INPUT Sile Data		al Duoien		
Benzene	GIGASTOUTIDES 71-43-2		[45]mgnkg]28	PRECAMONA		(mg/ka)	HEKCE Ed al	inty a from t	新智學的主義	编台出现处 代
Ethylbenzene	100-41-4		747	7,47	ca ca		100	2000年1000年	建一种	的人类实现的
Toluene	108-88-3		} 2	818	Csat			24 22 25	世 种种 直线	
Kylenes	1130 20 7		1	256	Csal			is class	(4.50 to 6	AVALED VALL
Methyl tert-Butyl Elner (MTBE)	1634-04-4	23800	59.4	59.4	Ca		27.6726.9			ALCOHOL: SA
Dichloroethane, 1,2	107-06-2	46.7	0.61	0.61	ca			四路往后		并是直接的
Dibromoethane, 1.2	106.93.4		0.05	0.05	r ca		PART TO STATE			
Trichtoroethylene	79-01-6	6.05	0.64	0.64	ca		2000			
Tetrachlomethytene	127-16-4	HÍS	30.7	30.7	ça		200		Congression	
rinyl Chloride	75.01-4	93.3	0.07	0.07	ca		CONTRACTOR			
Dichloroethylene, 1,1	75-35 ₹	342		342	nc					
Dichloroethylene, 1,2 trans	156-60-5	211	1	211	nc		27.00			an Harmon
Dichloroethylene, 1,2 cm	156.59.2	156	}	156	nc					
Trichloroethane, 1,1,1	71-55-6	12300		640	Csat					
Carbon Tetrachloride	56-23-5	137	0.65	0.65	ca					200
Trimethylbenzene, 1,2,4	95-63-6	89,8	-	89,8	nc					
Trimethylbenzene, 1,3,5-	108-67-6	762	-	182	Csat			100		A Parent Salver
Vaphthalene	91-20-3	188	5.15	5.15	Ca		Means			
Benzo(alpyrene	50-32-8		0.01	0.01	C3					
Acenaphthene	63-32-9	3440		3440	nc					
Anthracene	120-12-7	17200		17200	nc					
Benz[a]anthracene	\$6-55-3		0.15	0.15	ca		经 網報報	到爾德德王		
Benzo()fluocanthene	205-62-3		0.38	0.38	ca			T MATERIAL PROPERTY.	34.00	
Benzojbjiluoranthene	205-99-2		0.15	0.15	C a					
Benzolkliluoranihene	218-01-9		14.8	1.48	ca		建筑态层			
Chrysene Diberzia,hjanihracene	53-70-3		0.01	0.01	ca					
Dibenzo(a,e)pyrene	192-65-4		0.04	0.04	ca					
Dimethylbenz(a)anthracene, 7,12.	57-97-6		0	0.04	ca					A SUBSTITUTE OF THE SECOND
Fluoranthene	206-44-0	2290	and the management of the property of the	2290	nc					
Fluorene	66-73-7	2290		2290	nc					
ndeno[1,2,3-cd]pyrene	193-39-5		0,15	0.15	Ca					
vielnylnaphihalene, 1-	90-12-0	4010	15,6	15.5	- 54					
detry/nephthalene, 2-	91-57-6	229		229	nc					
Allropyrene, 4-	57835-92-4		0.38	0.38	CB					
yrene	129-00-0	1720		1720	uc					
Sødmlum (Diel)	7440-43-9	70,2	2110	70.2	CC	٠.				
ead and Compounds	7439-92-1	400	-	400	ac					
						4				
est(Ohem(DRO)	Wis DRO			100		j				
est2Chem(GRÖ)	Wis. GRO			100		i				
				:		1			新物型	
үре BRRTS Қо. Неге (II Клоуеп)			Exceedance	Count/Hazar	d Index / Cum	ulalive Cancer Risk:	4	0.00E+00	0.	0E+00
					, dala musi m	cet an diese cittetta;	Exceedance Count ≃ 0	1.00E+00	s Cumulativ s	e CR 1e-05
				Bottom-Line:		Sol	l Dala Enly	Needed!		

185 (40) Substance	NR 140 CAS	Fea M.L. (ugli) III Red	MR 140 ES	RCL-gw	Use 2, or input the calculated	ž 00	INPUT NUMERIC Sit	12 10 PO 10 15 15	Type BRRTS No Here (II Known)
		MCU·E5)	(ugrl)	(mg/kg) DF=1	site specific Of		Data Max	ribiyibini.	
Acelochior	34256-82-1			5.58E-03	I		(mg/kg)	/Exceedance	eld levels separately
Acelone	67-64-1		9000	1.85E+00	•				
Alachlor	15972-60-8	2	2	1.65G-03				202	
Aldicarb	116.06.3		10	2.49E-03					
Aluminum	7429-90-5		200	3.01E+02					The second second second
Antimony	7440-36-0		6	2.71E-01				CONTRACTOR STATE	
Anthracene	120-12-7		3000	9.84E+01					
Arsenic	7440-38-2	10	10	2.92E-01					
Also sinc, total enformated or orduct	1912-24-9	3	3	1.95E-03					
Barium	7440-39-3	2000	2000	8.24E+01					
Bentazon	25057-89-0		300	6 59E-02				Mark No.	
Benzene	71-43-2	5	5	2.56E-03					
Benzo(a)pyrene (PAH)	50-32-8	0.2	0.2	2.35E-01					
Benzo(billuoranihene (PAH)	205-99-2		0.2	2.40E-01					
Beryllium	7440-41-7	4	4	3.16E+00					
Boron	7440-42-6		1000	3.20E+00				DESCRIPTION OF THE PROPERTY OF	Ž.
Gramadichiari, melliane (1) daj	75-27-4	80	0.6	1.63E-04				化化压铁	
Bromoform (THM)	75-25-2	60	44	1,17E-03					
Bromomethane	74-83-9		10	2.53E-03					
Bulylate	2008-41-5	·	400	3.88E-01					
Cadmium	7440-43-9	5	5	3.76E-01				M.Calabaran	
Carbaryl	63-25-2	-	40	3.64E-02					
Carbofuran	1563-66-2	40	40	1.56E-02			-		Ä
Carbon disulfide	75-15-0		1000	2.97E-01			1		22 23 26
Carbon tetrachloride	56-23-5	5	5	1,94E-03					
Chloramben	133-90-4	-	150	3.63E-02					ğ
Morodilluoromethane	75-45-6	•	7000	2.89E+00					
Chloroethane	75-00-3		400	1.13E-01			į		
Chloroform (THM)	67-66-3	69	6	1.67E-03			ł		i i
Chlorpyrifos	2921-88-2		2	2.95E-02			· •		
hloromethane	74-87-3		30	7.76E-03					Ĭ
Chromium (total)	7440-47-3	100	100	1.80E+05			£		Re-assess If Cr-VI present
Chrysene (PAH)	218-01-9	•	0.2	7.25E-02			. 15		
Cobalt	7440-48-4	4200	40	1.81E+00					
Copper	7440-50-8	1300	1300	4.58E+01					
Cyanazine	21725-46-2	200	200	4.68E-04 2.02E+00			i i		
Cyanide, free Pacthal (DCPA)	57-12-5 1861-32-1	200	70	8.56E-02			. 1		
,2-Dibromoethane	106-93-4	0.05	0.05	1.41E-05			· (6		
,2-Diol Officettatie bromochkromethone (THM)	124-48-1	80	60	1.60E-02					
-Dioname-3-cheroproperer (DBCP)	96-12-8	0.2	0.2	8.64E-05					
ibutyl phthalate	84-74-2	-	1000	2.52E+00	•				
icamba	1918-00-9	-	300	7.76E-02					
2-Dichlorobenzene	95-50-1	600	600	5.84E-01			<u> </u>		
3-Dichlorobenzene	541-73-1		600	5.76E-01					
4-Dichlorobenzene	106-46-7	75	75	7.20E-02					
chlorodifluoromethane	75-71-8		1000	1.54E+00			2		
1-Dichloroethane	75-34-3		850	2.42E-01					
2-Dichloroelhane	107-06-2	5	5	1.42E-03					
1-Dichloroethylene	75-35-4	7	7	2.51E-03					
2-Dichloroethylene (cis)	156-59-2	70	70	2.06E-02					
-Dichleroethylene (trans)	156-60-5	100	100	2.94E-02					
Dictional americanic acid (1,4-0)	94-75-7	70	70	1.81E-02					
2-Dichloropropane	78-87-S	5	s	1.66E-03					
	542-75-6	-	0.4	1.43E-04			経		
Distance agency (Televi) [2-ethylinesyl) phihalase	117-81-7	6	6	1.44E+00					
methoate	60-51-5		2	4.51E-04					
4-Dinitrotoluene	121-14-2		0.05	6.76E-05			羅		
6-Dinitrotoluene	606-20-2		0.05	6.88E-05					
	25321-14-6		0.05	6.89E-05					
Krotokiene, Total Residues		7	7						
noseb	88-85-7	(1	6.15E-02					
-Dioxane (p-dioxane)	123-91-1	-	3	6.18E-04					
xin (2.3.7.8-TCDD)	1746-01-6	0	0	1.50E-05					
ıdrin	72-20-8	2	2	8.08E-02					
PTC	759-94-4	-	250	1.32E-01					

		C. (MCL incil)		I	Use 2, or input		INPUT I
NR140 Substance	NR 140 CAS	Fed MCL (ugil) (If Red MCL>ES)	NR 140 ES (ug/l)	RCL-gw (mg/kg) DF=1	the calculated site-specific DF	2 00	NUMERIC Site Flag E Data Max Elijoj (indual (mg/kg) Exceedance
Ethylbenzene	100-41-4	700	700	7 85E-01			
Ethyl Edier (Oleany Edier)	60-29-7		1000	2.24E-01			
Ethylene glycol	107-21-1		14000	2.82E+00			
Fluoranthene	206-44-0		400	4.44E+01			
Fluorene (PAH)	86-73-7		400	7.41E+00			
Fluoride	7782-41-4	4000	4000	6.01E+02			
Fluorotrichtoromethane	-		3490	2.23E+00			
Formaldehyde	50-00-0		1000	2 02E-01			
Heptachlor	76-44-8	0.4	0.4	3.316-02			
Heptachlor epoxide	1024-57-3	0.2	0 2	4.08E-03			
Hexachlorobenzene	118-74-1	1	1	1.26E-02			12457240520
п-Нехале	110-54-3		6(n)	4.22E+00			
Lead	7439-92-1	15	15	1.35E+01			
Lindane	58-89-9	9.3	0.2	1.16E-03			
Manganese	7439-96-5		300	1.96€+01			
Mercury	7439-97-6	2	Ž	1.04E-01			EIDE LEE
Methanol	67-56-1	-	5000	1.01E+00			
Methoxychlor	72-43-5	40	40	2.16E+00			
Melhylene chloride	75-09-2	5	5	1.28E-03			
•	78-93-3		4000	8.39E-01			
Methyl ethyl ketone [MEK]	108-10-1	<u>-</u>	500	1.13E-01			0.0000
Michael Isabulyi kelone (MIBK)	1634-04-4	-	60	1,35E-02			
Methyl fert-budy ether (MTBE)	51218-45-2	•	100	1.17E-01	• •		
Metalachians-Melalachian	21087-64-9	•	70	2.14E-02			
Metribuzin	7439-98-7	•	40	8.08E-01			
Molybdenum	108-90-7	100	100	6.79E-02			E778 200 (100 (100 (100 (100 (100 (100 (100
Monochlorobenzene	91-20-3	100	100	3.29E-01			
Vaphthalene	7440-02-0	•	100	6.50E+00			
Vickel	86-30-6	•	7	3.82E-02			
(HIVocodiphenylamina (HDPA)	87-86-5	1	1	1.01E-02			
Pentachlorophenol (PCP)	108-95-2		2000	1,15E+00			100000000000000000000000000000000000000
Phenol Picloram	1918-02-1	500	500	1,39E-01			
	1336-36-3	0.5	0.03	4.69E-03			
object-dorfineled olphenyth (PCS1)	1610-18-0	0.0	100	4.75E-02			
Prometon Propazine	139-40-2		10	8,86E-03			
vrene (PAH)	129-00-0		250	2.72E+01			P
yndine	110-86-1		10	3.44E-03	•		
	7782-49-2	50	50	2.60E-01			
Selenium	7440-22-4	30	50	4,25E-01			
Silver	122-34-9	4	4	1.97E-03			
Simazine	100-42-5	100	100	1.10E-01			
Styrene		100	12	2.45E-03	. '		
ertlary Bulyl Alcohol (TBA)	75-65-0		70	2.43E-03 2.67E-02			
1,1,2-Tetrachloroethane	630-20-6	-	0.2	7.80E-05			
1,2,2-Tekachloraethane	79-34-5		5	2.27E-03			
stactioneshylens (PCE)	127-18-4	5	50				POZ ZYTOGO WYWOODO
elrahydrofuran	109-99-9	-	2	1.11E-02		•	
hallium	7440-28-0	2	- 1	1,42E-01			
oluene	108-86-3	1000	800	5.54E-01			
oxaphene	8001-35-2	3	3	4.64E-01			
2,4-Trichlombenzene	120-82-1	70	70	2.04E-01			
1,1-Trichloroelhane	71-55-6	200	200	7.01E-02			
1,2-Trichloroethane	79-00-5	5	5	1.62E-03			
tchloroethylene (TOE)	79-01-6	5	5	1.79E-03			
Compression of the contract	93-72-1	50	50	2.75E-02			
2,3-Trichloropropane	96-18-4		60	2.60E-02			
rifluralin	1582-09-8		7.5	2.48E-01			
	95-63-6/108-67-8	-	480	6.90E-01			
Address of the same of the same of	7440-62-2						
anadium		2	0.2	6.90E-05			
inyl chloride	75-01-4		2000				
(enes (m-, o-, p- combined)	1330-20-7	10000	2000	1.97E+00			E STATE OF THE STA

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

-61	110.75	ΞĆ	-01 J	53500	4	اماک	One of the
A.		33 C	ďΩ	Y O	000	7 6	1 (7 m
		1000	H W	1	12.5		100

esident Equation Inputs for Soil Le

jutput generated 19DEC2013 11 10 08

Vatiable	<i>l</i> alue
TR (target cancer risk) unitless	1.0E-6
ED, (exposure duration - resident) year	30
ET _{rs} (exposure time - resident) hour	24
ED (exposure duration - child) year	5
ED _a (exposure duration - adult) year	24
or a loody weight addition the	70
BW (body weight - child) kg	15
SA _a (skin surface area - adult) cm ² /day	5700
SA _c (skin surface area - child) cm ² /day	2800
THQ (target hazard quotient) unitless	1
LT (lifetime - resident) year	70
EF, (exposure frequency) day/year	350
IRS _a (soil intake rate - adult) mg/day	100
IRS (soil intake rate - child) mg/day	200
AF _a (skin adherence factor - adult) mg/cm ²	0.07
AF _c (skin adherence factor - child) mg/cm ²	0.2
IFS _{adi} (age-adjusted soil ingestion factor) mg-year/kg-day	114
DFS adi (age-adjusted soil dermal factor) mg-year/kg-day	361
IFSM adi (mutagenic age-adjusted soil ingestion factor) mg-year/kg-day	489.5
DFSM _{adi} (mutagenic age-adjusted soil dermal factor) mg-year/kg-day	1445
ED ₀₋₂ (exposure duration first phase) year	2
ED ₂₋₅ (exposure duration second phase) year	4
ED ₆₋₁₆ (exposure duration third phase) year	10
ED ₁₆₋₃₀ (exposure duration fourth phase) year	14
City (Climate Zone) PEF Selection	Chicago, IL (7)
٩ _ç (acres) PEF Selection	0.5
Q/C_{wp} (g/m ² -s per kg/m ³) PEF Selection	98.43071
PEF (particulate emission factor) m 3/kg	15605:21108
\ (PEF Dispersion Constant)	16.8653

Sitte-specific Resident Equation Uniquestor, Soil

Varia ble	Value
B (PEF Dispersion Constant)	18.7848
C (PEF Dispersion Constant)	215.0624
√ (fraction of vegetative cover) unitless	0.5
U _m (mean annual wind speed) m/s	4.65
U₊ (equivalent threshold value)	11.32
F(x) (function dependant on U _m /U _t) unitless	0.182
City (Climate Zone) VF Selection	Chicago, IL (7)
A _e (acres) VF Selection	0.5
Q/C _{wp} (g/m ² -s per kg/m ³) VF Selection	98.43071
foc (fraction organic carbon in soil) g/g	0.006
ρ _b (dry soil bulk density) g/cm ³	1.5
ρ ; soil particle density) g/cm ³	2.65
θ (water-filled soil porosity) L water/L soil	0.15
T (exposure interval) s	9.5e8
A (VF Dispersion Constant)	16.8653
B (VF Dispersion Constant)	18.7848
C (VF Dispersion Constant)	215.0624
	1700 miles

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a sing and an even special world.	ing so employing	(agilie)												
		ilmodimi uSe			exceel s-Guid			The second	1847) 18 ₈₀					
and the state of t	residents	es uted w												
						Comme		Carried Control	(D)					43
		e de la companya de l		val light in≤+	4 - 4	Inhalation				Chronic				
Supplied to				Ingestion SF	Acres de la companya del companya de la companya del companya de la companya de l	Unit Risk		Chronic	5.5	RfC.	D. (C			
	CAS	and The works	outle Allien		SFO		IUR Hara	mg/kg-day)	RfD	3	RfC Pof	GIARS	284	DRA :
Chemical	Number	Mutagen?	VOC?	(mg/kg-day)	Ref	THE RESERVE AND ASSESSED.	SPECIAL DE	DANK	rei	(mg/m)	1/61			
Jen zene	7124352	No	Yes	7 5 50F 02	2.486.40	7.80E406		4:00E-03		3.00E-02		11		1
Cadmium (Diet)	7440-43-9	No	No			1.80E-03		1.00E-03	ا	1.00E-05	A		0.001	1
zataciński kaj całonicki kaj sa sa sa sa sa sa sa sa sa sa sa sa sa	516:220:5	Now	Yes	7-00E-02	1988年	6.00E 05		华 00E-03	140	1.00E-01		177		لــــــا
Dibromoethane, 1,2-	106-93-4	No	Yes	2.00E+00		6.00E-04		9.00E-03		9.00E-03		1		,
idionostrinesiva	107/406=2	Note	Yes	**************************************	TO THE	2,60E405		600E-03	X	7.00E-03	P'	370		إلــلــا
Dichloroethylene, 1,1-	75-35-4	No	Yes				manis s	5.00E-02	3 555555	2.00E-01	1	1		\
	5555052	Now.	Yes:	A STATE OF THE STA	A PROPERTY OF			2.0 0E-03	3 1000			157		
Dichloroethylene, 1,2-trans-	156-60-5	No	Yes				-	2.0 0E-02	 	6.00E-02	P	1		1 -1
	100-441-4	No	Yes:	**1.T0F¥02	C	2.50E-06	C 1	1,00E-01	199	1.00E+00		11	<u> </u>	السلط
Lead and Compounds	7439-92-1	No	No		3 2		PROGRAMAN S	NAMES AND THE PARTY OF THE PART	Jonany		3 2 - 2	\ 1	· —	ر
Methoda (endatum methoda Maria)	1684 04 4	NOR	Yes	201,80E-03	1 C	2/60E#07/	ECT:	Algorithm .	362500	3.00E+00		1 11		إسنسا
Acenaphthene	83-32-9	No	Yes	_	a =====			6.0 0E-02	1	1		1	0.13	<u></u>
ANUFACE DE	12081257	Nos	Yes			THE PERSON NAMED IN		3.00E-01	100	e e e grande de la companya de la co		<u> </u>	0.13	
Benz[a]anthracene	56 -55- 3	Yes	No	7.30E-01	W		C	-		· ————		_ 1	0.13	
Senzospilorienineness	205 32-5-8	No	No		C	T TOE 204	1.55	X44 -	1 250	1		1 1	0.13	
Benzo[a]pyrene	50-32-8	Yes	No	7.30E+00		1.10E-03	Ć	_	1	- -		1	0.13	
Serpadibilities intheme as the series	205-99-2	Yes	Noss	957/30 <u>201</u>	* W	13106204	1.7.305 -2.554		1036876	-		1 1	0.13	
Benzo[k]fluoranthene	207-08-9	Yes	No	7.30E-02	W	1.10E-04	C	Contraction of the Contraction o	_	An expansion		1	0.13	
enovaene	258207.9	Yes	No	8 257,500 <u>20</u> 55	84 M.	1 1200000000000000000000000000000000	1 2 4 2 2 2 2	Establish	A John P	1		1 1	0.13	
Dibenz[a,h]anthracene	53-70-3	Yes	No	7.30E+00	W	1.20E-03	<u></u>	•	سنت ب			11	0.13	
Dipenzotave ipviremenskom	192-65-4	7) 71	Now		C	1110E-08	(1) (1) (2) (1)	Tue 1	a Silano	s garantijt ome		1 - 3	10.13	
Dimethylbenz(a)anthracene, 7,12		Yes	No	2.50E+02	<u></u>	7.10E-02						_ 1	0.13	1
Eugranmene	20644-0	November	No					4.00E-02		k (*) ne Godensen		1 114	0:13	1
Fluorene	86-73-7	No	Yes		·.		-	4.00E-02		_		11	0.13	1
Budio 1972 Section Contests	4 6 5 5 9 5 B	Yes	No	27,30 01	W	1 10 E 10 4	FC#	And the state of t	三 医原	s processing and	Section 2	730	0.13	1 1
Methylnaphthalene, 1-	90-12-0	No	Yes	2.90E-02	Р			7.00E-02	Α	_		1	0.13	11_
Weinvlacion halence	012572619	No.	7es	A CONTRACTOR OF THE PROPERTY OF	Market .	A SOURCE SALES		準 400E-03		B consideration	-জ জ্বল প্ৰ		0.13	
Naphthalene	9 1-20- 3	No	Yes	-		3.40E-05	С	2.0 0E-02	1	3.00E-0	3 1	1	0.13	1

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Chemical Chemical	Volatilization Hactor (m. /kg)	Söll Sällmation Concentration (nrg/kg)	Hactor (m ² /kg)	SL TR=1:0E=6 (mg/kg)	irk≅d:oE±6 (mg/kg) ∕	SL TR=1:0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL Child HQ=1 (mg/kg)	Dermal SL Child HQ=1 (mg/kg)	Inhalation SL Child HQ=1 (mg/kg)
5/E67/E6/E43/33/32/33/33/33/33/33/33/33/33/33/33/33	5,4915.003	22 50 50 50 50 50 50 50 50 50 50 50 50 50	ACCOUNTS OF THE PERSON AND PERSONS ASSESSMENT	61,116E±018		771E+00	1.49E#00%	3/13E#02	<u> </u>	1.72E+021
Cadmium (Diet)		Norman Paris	1.56E+09		A COMPANY OF THE PARTY OF THE P	2.11E+03	2.11E+03	7.82E+01		1.63E+04
(Cationalise):-haratolationioles	EZSZEECSEI	27458EEE07384		3 205 04		19.42E-01	98.54E-01			2.42E+02-1
Dibromoethane, 1,2-	1.34E+04	1.34E+03	1.56E+09	3.20E-01	AND THE STREET, SAN THE STREET, SAN THE STREET, SAN THE STREET, SAN THE STREET, SAN THE STREET, SAN THE STREET,	5.45E-02	4.65E-02	7.04E+02 4.69E+02	26/17 S. S. S. S. S. S. S. C. C. C. C.	1.26E+02
Exclusion de total de la companya del la companya de la companya d		1 105 100	4.565.00	W404E#008		物かりにしま	38608E9988		STATE OF STA	5:19E+01:
Dichloroethylene, 1,1-	1.80E+03	1.19E+03	1.56E+09					3.91E+03	and the second	3.75E+02
Dichloroethylene, 1,2-trans-	3.90E+03	1.67E+03	1.56E+09				7	1.56E+03		2.44E+02
Did notoeutylene, 1,2-uarts-	3.902703	7.072703	1.502109			18657E400"	27747F+0000	7/82E403	and the same of the	2.44E+02 9\18E+03
Lead and Compounds			1.56E+09			-	-	17802L-1908		_37/0 <u>C.4.0</u> 53
WORD MENTER OF THE PROPERTY OF	677.621=10C/2	(2) (2) (2) (E) (E) (E) (E) (E) (E) (E) (E) (E) (E		77.6E-1004		MANDE TOTAL	\$5.594E401\$		\$400 PM TO THE PARTY OF THE PAR	2,38E+04
Acenaphthene	2.19E+05	-	1.56E+09	-	•	-	-	4.69E+03	1.29E+04	-
Aminicaciónio	4510 SEE055		als restrict			1		235E+04		{
Benz[a]anthracene			1.56E+09	2.04E-01	5.32E-01	1.36E+04	1.48E-01	-	-	-
. Branyao iliu ili romani ilinggi sa may sada sa sa			3156E+098	55,4E 019	HENDEROO:	345E+04	378E2013	200		
Benzo[a]pyrene			1.56E+09	2.04E-02	5.32E-02	1.36E+03	1.48E-02	~	-	-
lectoralización de la contractión de la contractión de la contractión de la contractión de la contractión de l			N SOLETON	60004E-056	5-82 E-012	86EF04	748E3070	CREAT COLUMN	Marco 15 P. Consultation	Control of the Contro
Benzo[k]fluoranthene			1.56E+09	2.04E+00	5.32E+00	1.36E+04	1.48E+00	,	•	-
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Dibenz[a,h]anthracene		_	1.56E+09	2.04E-02	5.32E-02	1.25E+03	1.48E-02		-	-
Libratoraramandanta			196E-100	5554E-028	9450 E 015	884 5E403	3978E902	2.0000.000	Ben 1. 1997	
Dimethylbenz(a)anthracene, 7,12-		-	1.56E+09	5.97E-04	1.55E-03	2.11E+01	4.31E-04		-	-
. The contract of the contract			M=56E+09				A. 40 May 12 May	343E408	859E+03	
Fluorene	4.37E+05	-	1.56E+09	al Spanish mass company to the second		-	·		8.59E+03	
Mothydrophthology 1	0.445.6		5552409	57.02 1-018	N5-32(E-0)18	66 66404	148E*01		1 21 21 21 21 21 21 21 21 21 21 21 21 21	
Methylnaphthalene, 1-	9.11E+04		1.56E+09	2.21E+01	5.36E+01	20030000000000000000000000000000000000	1.56E+01		1.50E+04	
			1.555.00			F 455 - 00	Light This section		859E#02	
Naphthalene	7.20E+04	-	1.56E+09		Salara Anna Anna Anna Anna Anna Anna Anna A	5.15E+00	5.15E+00	1.56E+03	4.30E+03	2.25E-02 ¹

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Cathon Repairmone	7.002+01	7.302+02		7.03E104	7045409	
Dibromoethane, 1,2-	1.07E+02	6.57E+03	70-10-2-200-0-1	1.26E+02	1.24E+02	
Delivioenane 12	A GVENOUS	228E403		5//9E+01	519580%	608E01885
Dichloroethylene, 1,1-	3.42E+02	3.65E+04		3.75E+02	3.71E+02	240132023476
Digitiogoralisylenessis/22015	77 1056EE02	T46E+00			12465603	#56E4028678
Dichloroethylene, 1,2-trans-	2.11E+02	1.46E+04	-	2.44E+02	2.40E+02	261515402/0405
aliwidayene.	5 44,22E403	7200404		918E403	8516E#08	7/47/2/400/2/5-30
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Benz[a]anthracene	-		Santana Maria Santana da	-		
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Benzo[a]pyrene			* CONTRACTOR OF THE PROPERTY O	MANAGEMENT OF THE SECOND	100 Maria Silveria de Maria Companya de Cara d	2435000000
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Dimethylbenz(a)anthracene, 7,12					OH CLASS	20212021021021
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eroterniolisty, serciolistantopie		-		and and the same of the same o	1.522.104	
/lethylnaphthalene, 1-	4.01E+03	5.11E+04	9.85E+04	•	3.36E+04	
viednivlojajejnivojajajajajaj	2077.29E#02E#	2000110	569540		1075405	
laphthalene	1.88E+02	1.46E+04	2.81E+04	2.25E+02	2.20E+02	BURELLAND
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Ghemical	GAS Number	Mutagen?	₩ @ C ?	Ingestion:SF (mg/kg-day)	SFO Ref	Inbalation Unit Risk jur (ug/m) Ref	©hronic RfD (mg/kg-day)	RfD Ref	Chronic RfC (mg/m ³)	RfC	GIABS	ABS	RBA	
nukojavi@n@##	57/85251-97/2		Nos	# 1-20E#00	HC.	1302042	3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3				1	0.13	1	
²yrene	129-00-0	No	Yes	-			3.00E-02		-		1	0.13	1	The second secon
reacatalionorealisty/lelate-reach	127/416 44 6	No	Yes	** 7 10E 03		2.60E-000	6.00E-03		4,00E-02		1]
ioluene	108-88-3	No	Yes	-			8.00E-02		5.00E+00	1	1	•	1	
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richloroethylene	79-01-6	Yes	Yes	4.60E-02		4.10E-06 I	5.00E-04	- 1	2.00E-03		1		1	
unatenavaszenzaentekak-2.4.1. kasasza	9546346	N. State	Yes	An School and About a	THE PERSON NAMED IN	Anna Anna	36.19	1000000	7.00E-03	P	3.51		1].
rimethylbenzene, 1,3,5-	108-67-8	No	Yes				1.00E-02	X	_		1	•	_ 1	
Analeg (flootions and flootions)	7570714	Yes	Yes	7,206-01		4.40E.06	3,00E-03		1.00E-01		14		<u> </u>	
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Resident Screening Levels (RSE) to isolic
ca=Cancer, mc=Noheanten, car (Where the Sito)
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: 4 .	Volatilization Eactor	Saturation	Particulate Emission Factor	angestion SL	SE	⇒ SL	Carcinogenic St.	Child	SL Child	SL. Child
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Minipioviene 42			#156E#00P	534E-01	30E400	345E+04	378E-01		-	
Pyrene	3.70E+06	-	1.56E+09	-		-	-	2.35E+03	6.45E+03	- 4
Statical disconsisting of the state of the s	18865ET0307	*** 1766 E #02***	STEELED F	18/05E+02	211	341E+01	3.07E+01	4.69E+02		1.52E+02
Toluene	6.66E +03	8.18E+02	1.56E+09				-	6.26E+03		3.47E+04
Ainichtoroichnamichart i leanna de le	22.56=103.8	2/6/40E#0Z	MESEROT.	W. Carlot			Contract of the State of the St	1.56E+05		1.34E+04
Trichloroethylene	3.43E+03	6.92E+02	1.56E+09	3.24E+00		8.04E-01	6.44E-01	3.91E+01		7.16E+00
	300 (2004)	2219E462	F/56E#00			A CONTRACTOR OF THE PARTY OF TH	THE PARTY OF THE P		e gar	3.98E+01
Trimethylbenzene, 1,3,5-	1.03E+04	1.82E+02	1.56E+09		_	_		7.82E+02		-
Vately/(Carloy) of Excess and a second	######################################	SERVICE COST	HISTORY)	\$952E02		1239E-01	6:71E-02	2.35E+02	\$11	1.55E-02
Xylenes	9.05E+03	2.58E+02	1.56E+09	_	-	-	-	1.56E+04	-	9.44E-02

						E
	Noncarcinogenic	Ingestion	Dermal	Inhalation	Noncarcinogenic	
	SL	SL	SL	SL	SLL	; 4
	Child	Adult	Adult	Adult	Adult	Screening
X -	Hi⊜1	HQ≒1	HQ=1	HQ=1	脚準作	Level
Chemical	(mig/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Nitiropyrene 4		7.46				B#18EM144
Pyrene	1.72E+03	2.19E+04	4.22E+04	_	1.44E+04	
and the finite fold to the first the	**************************************	438E403	ALCONOMISSON I	152E+02	1,476,202	器0至三十分1個
Toluene	5.30E+03	5.84E+04		3.47E+04	2.18E+04	DEVIEW STORY
al mentomore in a mentomore in the control	20172EH0244	146E406		3,34E+04	132E#04	1003 EXCOVERED
Trichloroethylene	6.05E+00	3.65E+02		7.16E+00	7.02E+00	
	28.98E£01		THE REAL PROPERTY AND ADDRESS OF	8-98E+01	8498E401	8 TO BESTOTE STORE
Trimethylbenzene, 1,3,5-	7.82E+02	7.30E+03	-		7.30E+03	26.52E H024.5111
Why school experience of the second	PARTE TEXT	2 19E±09		1135E+02	1945 (2002)	BYWI GEOZINE
Xylenes	8.90E+02	1.46E+05	~	9.44E+02	9.37E+02	81000 5 9000 650

Situa-specifica Pendeduscrening levels (RSD) to Proceedings (RSD) to Unofficial Text (See Printed Volume) is in cent through date and Register shown on Title Page

(22) "Mediewater and studge storage or treatment lagoon" means a natural or min-mode continuous structure, constructed primarity of earther materials for the treatment or storage of wastewater or studge, which is not a land disposal system.

History: Ci. Register, September, 1985. No. 337, eff. 10+1-85, et. (1m), an. (2n), (17) and (18), Register, September, 1985. No. 391, eff. 11+1-45, an. (6), et. (201), Register, Miedt, 1994, No. 459, eff. 4-1-94, et. (18), (100), (105), (200), r. and recr. (12), (13), Register, August, 1995, No. 476, eff. 9-1-95; ex. (14m), Register, October, 1996, No. 490, eff. 11-1-96; am. (20), Register, December, 1998, No. 516, eff. 1-1-97; excrutation in (9) mide tacker s. 13.93 (2m) (10.7), Suts., Register, April, 2001, No. 544, CE. (2-134, et. (10), (10), (1)) and (20), Register have 2013 No. 570, eff. 7-1-03.

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 cardinogenic, mutageric or teratogenic properties or interactive effects, the preventive action limit is 10% of the inforcement standard. The preventive action limit is 20% of the enforcement standard for all other advances 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 I
Public Health Groundwater Quality Standards

Public Health Groundwater Quality Standards					
Substance!	Enforcement Standard (nicrograms 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 നള/1	1.8 nş ₂ /1			
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	0.32			
Bacteria, Total Coliform	O_3	O_3			
Baritan	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			

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Table I = Continued Public Health Cavundwater Quality Standards

	blic Eksaldti Capundwater Quality Standar Enforcement Standard (micrograms	
Substance ¹	(ky liter – except as noted)	per liter – except as noted)
Cokell	40	8
Сиде	1300	130
Cyanazine	I.	0.1
Cyanide, free ⁴	200	40
Dacthal	70	14
1,2-Dibrorroxatiane (EDB)	0.05	0.005
Dibromochloromethane	60	6
1,2-Dibromo-3-chloroproprine (DBCP)	Q.2	0.02
Dibutyl phthalate	E000	100
Dicarta	300	60
1,2-Dichtorobenzene	600	60
1,3 - Dichlorobanzane	600	
	75	120
I,4 - Dichlorobanzere	1000	15
Dichlorodifluoromethane		200
1,1—Dichlorocthane	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
Dirrethoate	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 3	1.4
1,4-Dioxane		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
Sthylene glycol	14 mg/l	2.8 mg/l
Fluoranthene	400	80
Fluorene	400	80
Fluoride	4 mg/l	0.8 mg/l
Puorotrichloromethane	3490	698
Formaldehyde	1000	100
Teptachlor	0.4	0.04
Heptachlor epoxide	0.2	0.02
Hexactilorobenzene	1 .	- 0.1
V-Hexane	600	120
fydrogen sulfide	30	6
ead	15	1.5
indane	0.2	0.02
Manganese	300	60
Mercury	2	0.2

Unofficial Text (See Printed Volume). Current through date and Register shown on Title Page.

Table 1 - Continued
Public Health Groundwater Quality Standards

Public Health Croundwater Quality Standards							
	Enforcement Standard (nicrograms - Preventive Action Limit (micrograms						
Substance	per liter - except as noted)	per liter except as noted)					
Methanol	SOOO	1000					
Methoxychlor	40	4					
Methylene chloride	5	0.5					
Methyl ethyl ketone (MEK)	4 mg1	0.8 mg/l					
Methyl isobutyl ketone (MBK)	500	50					
Methyl tert-buryl ether (MIBE)	60	12					
Metolachlor/s-Metolachlor	100	10					
Metolachlor ethane sulfonic acid + oxanilic acid (Netolachlor + ESA + OXA)	13n&1	0.26 ng4					
Metribuzin	70	[4					
Molybdenum	40	8					
Menodiferolymzane	100	20					
Naphthalene	100	10					
Micket	100	20					
Nitrate (as N)	10 mg/l	2 mg/l					
Nitrate + Nitrite (as N)	10 നള/1	2 mg/l					
Nitrite (as N)	l mg/l	0.2 mg/l					
N-Nitrosodiphenylamine	7	. 0.7					
Pentachlorophenol (PCP)	1	0.1					
Perchlorate	1	0.1					
Phenol	2 നളി	0.4 നളി					
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					
Prifluralin	7.5	0.75					
Trimethylbenzenes	480	96					
(1,2,4—and 1,3,5—combined)							
• • •	30	6					
Vanadium	JU	6					

Unofficial Text (See Printed Volume) - current through date and Register shown on Title Page

lable I = Continued Public Health Croundwater Quality Standards

	Enforcement Standard (micrograms	Preventive Action Linkt (micrograms
Substance ¹	per liter - except as noted)	(xar liter = except as noted)
Vinyl chloride	0.7	0.02
Xylene ⁶	2 mg/l	0.4 mg/l

- Appendix Loontains Chemical Abstract Service (CAS) negistry numbers, common synonyms and trade names for most substances listed in Table L
- ² Total dillorunated atrazine residues institutes parent corporand and the following metabolites of health opposition. 2 editoro-4-aurino-6-isopropylarino-s-triazine (formerly destry/latrazine), 2 editoro-4-diamino-5-triazine (formerly deisopropylatrazine) and 2-editoro-4,6-diamino-5-triazine (formerly diaminos-triazine).
- 3 Total coliform bacteria may not be present in any 100 rd sample using older the manthrane filter (MF) technique, the presence—absence (P=A) coliform test, the minimal medium ONPG-MUG (MMO-MUG) test or not present in any 10 rd portion of the 10-tube multiple tube formentation (MTF) technique.
- "Cyanide, free" refers to the simple cyanides (HON, CNT) and for readily dissociable metal-cyanide complexes. Free cyanide is regulatorily equivalent to cyanide quantified by approved analytical methods for "arrenable cyanide" or "available cyanide".
- Fixinitrotolusine, Total Residues includes the dinitrotolusine (DINT) isotropy 2,3--DINT, 2,4--DINT, 2,5--DINT, 2,6--DINT, 3,4--DINT and 3,5--DINT
- 6 Kylerie includes meta-, ordio-, and para-xylerie combined

History: Cr. Register, September, 1985, No. 357, eff. 10-1-85; an table 1, Register, Onober, 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, Literch, 1994, No. 439, eff. 4-1-91; am Table 1, Register, Auguz, 1995, No. 476, eff. 9-1-95, an Table 1, Register, Desember, 1995, No. 516, eff. 12-31-99; am Table 1, Register, Desember, 1998, No. 516, eff. 12-31-99; am Table 1, Register, Desember, 1998, No. 516, eff. 12-31-99; am Table 1, Register November, 2006 No. 511, eff. 4-1-00; CR.03-063 am Table 1, Register Revuenter, 2006 No. 511, eff. 4-1-01; CR.03-063 am Table 1, Register Revuenter, 2006 No. 611, eff. 12-1-08; CR.03-064 am Table 1, Register Desember, 2006 No. 625, eff. 2-1-08; CR.03-064 am Table 1, Register Desember, 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 furit 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)
Quloride	250	125
Color	15 ∞lor units	7.5 color units
Foarning agents MBAS (Methylene—Blue Active Substances)	0.5	0.25
Iron	0.3	0.15
Manganese	0.05	0.025
Odor	3	1.5
	(Threshold Odor No.)	(Threshold Odor No.)
· Sulfate	250	125
Zinc	5	2.5

History: Ct. 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
- 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

A.7 Other Dave's Gas Station (Former) Slug Test Calculations

M١	N	-1
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к	ft/s	cm/s	m/yr
	1.12E-05	3.41E-04	107.66
Т	sq ft/s 9.00E-05	sq cm/s 8.36E-02	

MW-2

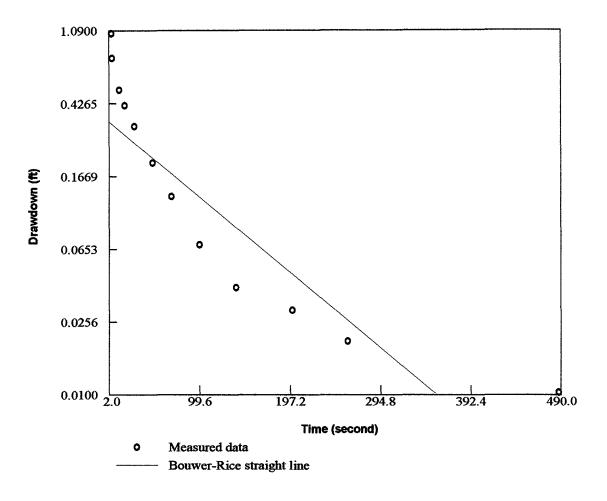
K	ft/s	cm/s	m/yr
	9.78E-06	2.98E-04	94.01
Т	sq ft/s 8.65E-05	sq cm/s 8.03E-02	

MW-4

К	ft/s	cm/s	m/yr
	4.00E-06	1.22E-04	38.45
T	sq ft/s 3.71E-05	sq cm/s 3.45E-02	

Date	Elv. (High)	Elv. (Low)	Distance (ft)	Hyd Grad (I)
11/4/2015	932.90	932.30	35	0.0171429
2/9/2016	933.20	932.40	66	0.0121212
Average				0.0146320

	K (m/yr)		n	Flow Velocity (m/yr)
MW-1	107.66	0.0146320	0.3	5.25094
MW-2	94.01	0.0146320	0.3	4.58518
MW-4	38.45	0.0146320	0.3	1.87533



Aquifer Parameters by the Bouwer and Rice Slug Test

Hydraulic Conductivity (ft/s):

1.12e-005

Transmissivity (sq ft/s):

9.00e-005

Dave's Gas Station (Former) MW-1 Slug Out

Pressure[ft]	Temperature[°C]	Time (Seconds)	Drawdown
39.55		0	0.64
39.1	13.89	2	1.09
39.29	13.89	4	0.91
39.42	13.89	6	0.77
39.51	13.9	8	0.68
39.58	13.9	10	0.61
39.63	13.9	12	0.56
39.68	13.9	14	0.51
39.71	13.9	16	0.48
39.75	13.9	18	0.44
39.77	13.9	20	0.42
39.79	13.9	22	0.4
39.81	13.9	24	0.38
39.84		26	0.35
39.85		28	0.34
39.87		30	0.32
39.89		32	0.3
39.9		34	0.29
39.91	13.91	36	0.28
39.93		38	0.26
39.93		40	0.26
39.95		42	0.24
39.96		44	0.23
39.96		46	0.23
39.98		48	0.21
39.99		50	0.2
40	13.92	52	0.19
40.01	13.92	54	0.18
40.01	13.92	56	0.18
40.02		58	0.17
40.03		60	0.16
40.04	13.92	62	0.15
40.04	13.92	64	0.15
40.04	13.92	66	0.15
40.05	13.92	68 70	0.14
40.06			0.13
40.07		72	0.12 0.12
40.07		74 76	0.12
40.08	13.92	76 78	0.11
40.08	13.92		
40.09	13.92	80	0.1 0.1
40.09	13.93	82 84	0.09
40.1	13.93		
40.1	13.93	86	0.09
40.1	13.93	88	0.09 0.09
40.1	13.93	90	0.09
40.1	13.93	92	0.09

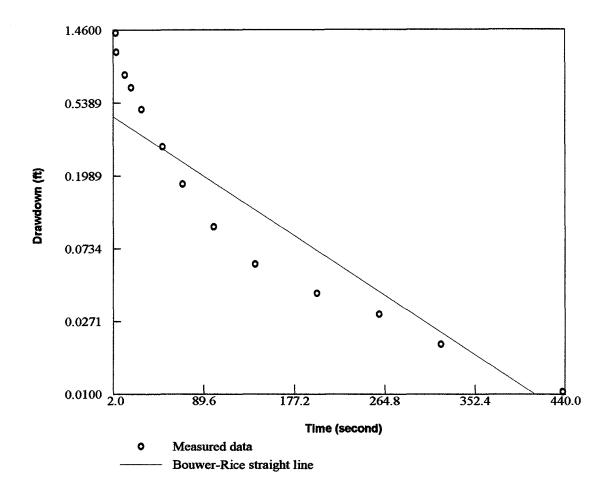
40.11	13.93	94	0.08
40.11	13.93	96	0.08
40.11	13.93	98	0.08
40.12	13.93	100	0.07
40.12	13.93	102	0.07
40.12	13.93	104	0.07
40.13	13.93	106	0.06
40.13	13.94	108	0.06
40.13	13.94	110	0.06
40.13	13.93	112	0.06
40.13	13.93	114	0.06
40.13	13.93	116	0.06
40.13	13.94	118	0.06
40.13	13.93	120	0.06
40.13	13.94	122	0.06
40.14	13.93	124	0.05
40.13	13.93	126	0.06
40.13	13.94	128	0.06
40.13	13.93	130	0.06
40.14	13.93	132	0.05
40.14	13.93	134	0.05
40.14	13.94	136	0.05
40.14	13.93	138	0.05
40.15	13.94	140	0.04
40.15	13.93	142	0.04
40.15	13.94	144	0.04
40.15	13.94	146	0.04
40.15	13.93	148	0.04
40.15	13.93	150	0.04
40.15	13.94	152	0.04
40.15	13.93	154	0.04
40.15	13.94	156	0.04
40.15	13.94	158	0.04
40.15	13.93	160	0.04
40.15	13.94	162	0.04
40.15	13.93	164	0.04
40.15	13.93	166	0.04
40.15	13.93	168	0.04
40.15	13.94	170	0.04
40.16	13.94	172	0.03
40.15	13.93	174	0.04
40.15	13.93	176	0.04
40.15	13.94	178	0.04
40.15	13.94	180	0.04
40.15	13.94	182	0.04
40.15	13.94	184	0.04
40.15	13.94	186	0.04
40.15	13.94	188	0.04

(5.59 - 5.7)			
40.15	13.94	190	0.04
40.15	13.94	192	0.04
40.16	13.94	194	0.03
40.16	13.94	196	0.03
40.16	13.93	198	0.03
40.16	13.94	200	0.03
40.17	13.94	202	0.02
40.17	13.94	204	0.02
40.17	13.94	206	0.02
40.16	13.94	208	0.03
40.16	13.94	210	0.03
40.16	13.94	212	0.03
40.17	13.94	214	0.02
40.16	13.94	216	0.03
40.17	13.94	218	0.02
40.16	13.94	220	0.03
40.16	13.93	222	0.03
40.16	13.94	224	0.03
40.16	13.94	226	0.03
40.17	13.94	228	0.02
40.17	13.94	230	0.02
40.16	13.94	232	0.03
40.16	13.94	234	0.03
40.17	13.94	236	0.02
40.17	13.93	238	0.02
40.17	13.93	240	0.02
40.17	13.94	242	0.02
40.17	13.93	244	0.02
40.17	13.94	_ 246	0.02
40.17	13.94	248	0.02
40.17	13.93	250	0.02
40.17	13.93	252	0.02
40.17	13.93	254	0.02
40.17	13.93	256	0.02
40.17	13.93	258	0.02
40.17	13.93	260	0.02
40.17	13.93	262	0.02
40.16	13.93	264	0.03
40.17	13.94	266	0.02
40.17	13.93	268	0.02
40.16	13.93	270	0.03
40.17	13.93	272	0.02
40.17	13.93	274	0.02
40.17	13.93	276	0.02
40.17	13.93	278	0.02
40.17	13.93	280	0.02
40.16	13.93	282	0.03
40.17	13.93	284	0.02

40.17	13.93	286	0.02
40.16	13.93	288	0.03
40.17	13.93	290	0.02
40.17	13.93	292	0.02
40.17	13.93	294	0.02
40.16	13.93	296	0.03
40.17	13.94	298	0.02
40.16	13.93	300	0.03
40.17	13.94	302	0.02
40.16	13.93	304	0.03
40.16	13.94	306	0.03
40.17	13.93	308	0.02
40.18	13.94	310	0.02
40.17	13.93	312	0.02
40.17	13.93	314	0.02
40.17	13.94	316	0.02
40.17	13.94	318	0.02
40.17	13.94	320	0.02
40.17	13.94	322	0.02
40.17	13.94	324	0.02
40.17	13.94	326	0.02
40.17	13.93	328	0.02
40.17	13.93	330	0.02
40.17	13.94	332	0.02
40.17	13.94	334	0.02
40.17	13.93	336	0.02
40.17	13.93	338	0.02
40.16	13.94	340	0.03
40.16	13.93	342	0.03
40.17	13.93	344	0.02
40.17	13.94	346	0.02
40.18	13.93	348	0.02
40.18	13.93	350	0.02
40.17	13.93	352	0.02 0.02
40.17	13.93	354	
40.17	13.93	356	0.02
40.17	13.93	358	0.02 0.03
40.16	13.93	360	0.03
40.17	13.93	362	0.02
40.17	13.93	364	0.02
40.17	13.93	366 368	0.02
40.17	13.93	370	0.02
40.17	13.93	370 372	0.02
40.17	13.93	372 374	0.02
40.17	13.93	374 376	0.02
40.17	13.93	378	0.02
40.17	13.93	380	0.02
40.17	13.93	300	0.02

(Olag Oat)			
40.17	13.93	382	0.02
40.17	13.93	384	0.02
40.18	13.93	386	0.02
40.18	13.93	388	0.02
40.17	13.93	390	0.02
40.17	13.93	392	0.02
40.18	13.93	394	0.02
40.18	13.93	396	0.02
40.18	13.93	398	0.02
40.18	13.93	400	0.02
40.17	13.93	402	0.02
40.18	13.94	404	0.02
40.18	13.94	406	0.02
40.17	13.94	408	0.02
40.18	13.93	410	0.02
40.17	13.93	412	0.02
40.17	13.93	414	0.02
40.17	13.94	416	0.02
40.17	13.93	418	0.02
40.17	13.93	420	0.02
40.17	13.93	422	0.02
40.17	13.93	424	0.02
40.17	13.93	426	0.02
40.17	13.93	428	0.02
40.17	13.93	430	0.02
40.17	13.93	432	0.02
40.17	13.93	434	0.02
40.18	13.93	436	0.02
40.17	13.93	438	0.02
40.17	13.93	440	0.02
40.17	13.93	442	0.02
13.12	-20	444	27.07
40.17	13.93	446	0.02
40.16	13.93	448	0.03
40.17	13.93	450	0.02
40.17	13.94	452	0.02
40.17	13.93	454	0.02
40.17	13.93	456	0.02
40.17	13.93	458	0.02
40.17	13.93	460	0.02
40.17	13.93	462	0.02
40.17	13.93	464	0.02
40.17	13.93	466	0.02
40.17	13.93	468	0.02
40.17	13.93	470	0.02
40.17	13.93	472	0.02
40.17	13.93	474	0.02
40.17	13.93	476	0.02

40.17	13.93	478	0.02
40.17	13.93	480	0.02
40.17	13.93	482	0.02
40.18	13.93	484	0.02
40.18	13.93	486	0.02
40.18	13.93	488	0.02
40.18	13.93	490	0.01
40.18	13.93	492	0.01
40.18	13.93	494	0.01
40.19	13.93	496	0



Aquifer Parameters by the Bouwer	and Rice Slug Test
Hydraulic Conductivity (ft/s):	9.78e-006
Transmissivity (sq ft/s):	8.65e-005

Dave's Gas Station (Former) MW-2 Slug Out

Pressure[ft]	Temperature[°C]	Time (Seconds)	Drawdown
40.58		0	0
39.12		2	1.46
39.45		4	1.13
39.49		6	1.09
39.58		8	1
39.65		10	0.93
39.73		12	0.85
39.78		14	0.8
39.83		16	0.75
39.87		18	0.71
39.91	13.58	20	0.67
39.95		22	0.63
39.98		24	0.6
40.03		26	0.55
40.06		28	0.52
40.08		30	0.5
40.12		32	0.46
40.12		34	0.45
40.16		36	0.42
40.18		38	0.41
40.10		40	0.38
40.22		42	0.36
40.24		44	0.34
40.24		46	0.32
40.28		48	0.3
40.28		50	0.3
40.23		52	0.28
40.32		54	0.26
40.32		56	0.25
40.35		58	0.23
40.35		60	0.23
40.36		62	0.22
40.37		64	0.21
40.39		66	0.19
40.39		68	0.19
40.4		70	0.18
40.41	13.58	72	0.17
40.41	13.58	74	0.17
40.43		76	0.15
40.43		78	0.15
40.43		80	0.15
40.43		82	0.15
40.43		84	0.14
40.44 40.46		86	0.14
40.46 40.46		88	0.12
40.46 40.46		90	0.12
40.46 40.47		92	0.12
40.47	13.37	02	0.11

40.47	13.58	94	0.11
40.48	13.57	96	0.1
40.48	13.58	98	0.1
40.48	13.57	100	0.1
40.49	13.58	102	0.09
40.49	13.58	104	0.09
40.49	13.58	106	0.09
40.5	13.57	108	0.08
40.5	13.57	110	0.08
40.49	13.58	112	0.09
40.5	13.57	114	0.08
40.5	13.57	116	0.08
40.5	13.58	118	0.08
40.51	13.57	120	0.07
40.5	13.57	122	0.08
40.5	13.57	124	0.08
40.51	13.57	126	0.07
40.51	13.57	128	0.07
40.51	13.57	130	0.07
40.51	13.57	132	0.07
40.52	13.57	134	0.06
40.52	13.57	136	0.06
40.52	13.57	138	0.06
40.52	13.57	140	0.06
40.52	13.57	142	0.06
40.53	13.57	144	0.05
40.53	13.57	146	0.05
40.53	13.57	148	0.05
40.53	13.57	150	0.05
40.53	13.57	152	0.05
40.53	13.57	154	0.05
40.53	13.57	156	0.05
40.54	13.57	158	0.05
40.54	13.57	160	0.04
40.54	13.57	162	0.05
40.54	13.57	164	0.05
40.54	13.57	166	0.04
40.54	13.57	168	0.04
40.54	13.57	170	0.04
40.54	13.57	172	0.04
40.54	13.57	174	0.04
40.54	13.57	176	0.04
40.54	13.57	178	0.05
40.54	13.57	180	0.05
40.54	13.57	182	0.05
40.54	13.57	184	0.05
40.54	13.57	186	0.05
40.54	13.57	188	0.04
70.07	10.07	100	0.01

40.54	13.57	190	0.04
40.54	13.57	192	0.04
40.54	13.57	194	0.04
40.54	13.57	196	0.04
40.54	13.57	198	0.04
40.54	13.57	200	0.04
40.54	13.57	202	0.04
40.54	13.57	204	0.04
40.54	13.57	206	0.04
40.54	13.57	208	0.04
40.54	13.57	210	0.04
40.54	13.57	212	0.04
40.54	13.57	214	0.04
40.55	13.57	216	0.03
40.55	13.57	218	0.03
40.55	13.57	220	0.03
40.55	13.56	222	0.03
40.55	13.57	224	0.03
40.55	13.57	226	0.03
40.55	13.56	228	0.03
40.55	13.56	230	0.03
40.55	13.56	232	0.03
40.55	13.56	234	0.03
40.55	13.56	236	0.03
40.55	13.56	238	0.03
40.55	13.56	240	0.03
40.55	13.56	242	0.03
40.55	13.56	244	0.03
40.55	13.56	246	0.03
40.55	13.56	248	0.03
40.55	13.56	250	0.03
40.55	13.56	252	0.03
40.56	13.56	254	0.02
40.55	13.56	256	0.03
40.55	13.56	258	0.03
40.55	13.56	260	0.03
40.56	13.56	262	0.02
40.56	13.56	264	0.02
40.56	13.56	266	0.02
40.56	13.56	268	0.02
40.55	13.56	270	0.03
40.56	13.56	272	0.02
40.56	13.56	274	0.02
40.56	13.56	276	0.02
40.56	13.56	278	0.02
40.56	13.56	280	0.02
40.56	13.56	282	0.02
40.56	13.56	284	0.02

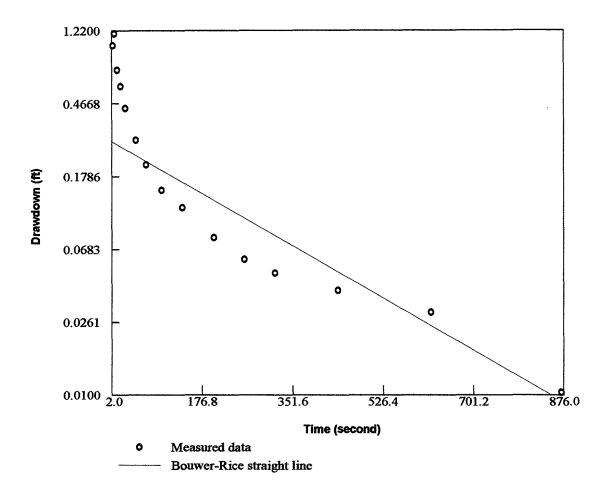
40.56	13.56	286	0.02
40.57	13.56	288	0.01
40.56	13.56	290	0.02
40.57	13.56	292	0.01
40.56	13.56	294	0.02
	13.56	296	0.02
40.56		298	0.02
40.56	13.56		0.02
40.56	13.56	300	
40.56	13.56	302	0.02
40.56	13.56	304	0.02
40.56	13.55	306	0.02
40.56	13.56	308	0.02
40.56	13.56	310	0.02
40.56	13.55	312	0.02
40.56	13.55	314	0.02
40.56	13.55	316	0.02
40.56	13.55	318	0.02
40.56	13.55	320	0.02
40.57	13.55	322	0.01
40.56	13.55	324	0.02
40.56	13.55	326	0.02
		328	0.02
40.56	13.55	330	0.02
40.57	13.55		
40.56	13.55	332	0.02
40.56	13.55	334	0.02
40.57	13.55	336	0.01
40.57	13.55	338	0.01
40.57	13.55	340	0.01
40.57	13.55	342	0.01
40.57	13.55	344	0.01
40.57	13.55	346	0.01
40.57	13.55	348	0.01
40.57	13.55	350	0.01
40.57	13.54	352	0.01
40.56	13.55	354	0.02
40.57	13.55	356	0.01
40.57	13.54	358	0.01
	13.55	360	0.01
40.57		362	0.01
40.57	13.55	364	0.01
40.57	13.54		
40.57	13.55	366	0.01
40.57	13.54	368	0.01
40.57	13.54	370	0.01
40.57	13.55	372	0.01
40.57	13.54	374	0.01
40.57	13.54	376	0.01
40.57	13.54	378	0.01
40.57	13.54	380	0.01

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40.57	13.54	382	0.01
40.56	13.54	384	0.02
40.56	13.54	386	0.02
40.57	13.54	388	0.01
40.57	13.54	390	0.01
40.57	13.54	392	0.01
40.57	13.54	394	0.01
40.57	13.54	396	0.01
40.57	13.54	398	0.01
40.56	13.54	400	0.02
40.56	13.54	402	0.02
40.57	13.54	404	0.01
40.57	13.54	406	0.01
40.57	13.54	408	0.01
40.56	13.54	410	0.02
40.57	13.54	412	0.01
40.57	13.54	414	0.01
40.56	13.54	416	0.02
40.57	13.54	418	0.01
40.56	13.54	420	0.02
40.57	13.54	422	0.01
40.56	13.54	424	0.02
40.57	13.54	426	0.01
40.57	13.54	428	0.01
40.57	13.54	430	0.01
40.57	13.54	432	0.01
40.57	13.54	434	0.01
40.57	13.54	436	0.01
40.57	13.54	438	0.01
40.57	13.54	440	0.01
40.57	13.54	442	0.01
40.57	13.54	444	0.01
40.57	13.54	446	0.01
40.57	13.54	448	0.01
40.57	13.54	450	0.01
40.57	13.54	452	0.01
40.57	13.54	454	0.01
40.57	13.54	456	0.01
40.57	13.54	458	0.01
40.57	13.54	460	0.01
40.57	13.54	462	0.01
40.57	13.54	464	0.01
40.57	13.54	466	0.01
40.57	13.54	468	0.01
40.56	13.54	470	0.02
40.57	13.54	472	0.01
40.57	13.54	474	0.01
40.57	13.54	476	0.01

40.57	13.54	478	0.01
40.57	13.54	480	0.01
40.57	13.54	482	0.01
40.57	13.54	484	0.01
40.57	13.54	486	0.01
40.56	13.54	488	0.02
40.56	13.54	490	0.02
40.56	13.54	492	0.02
40.57	13.54	494	0.01
40.56	13.54	496	0.02
40.56	13.54	498	0.02
40.56	13.54	500	0.02
40.56	13.54	502	0.02
40.56	13.54	504	0.02
40.56	13.54	506	0.02
40.56	13.55	508	0.02
40.56	13.54	510	0.02
40.56	13.55	512	0.02
40.56	13.54	514	0.02
40.57	13.54	516	0.01
40.57	13.54	518	0.01
40.57	13.55	520	0.01
40.57	13.55	522	0.01
40.57	13.55	524	0.01
40.57	13.54	526	0.01
40.57	13.55	528	0.01
40.57	13.55	530	0.01
40.57	13.55	532	0.01
40.57	13.55	534	0.01
40.57	13.55	536	0.01
40.57	13.55	538	0.01
40.57	13.55	540	0.01
40.57	13.55	542	0.01
40.57	13.55	544	0.01
40.57	13.55	546	0.01
40.57	13.55	548	0.01
40.57	13.55	550	0.01
40.57	13.54	552	0.01
40.57	13.55	554	0.01
40.57	13.55	556 550	0.01
40.57	13.55	558	0.01 0.01
40.57	13.55	560	
40.57	13.55	562	0.01
40.57	13.54	564	0.01
40.57	13.55	566 568	0.01 0.01
40.57	13.54	568 570	0.01
40.57	13.55	570 572	0.01
40.57	13.54	572	0.01

40.57	13.54	574	0.01
40.57	13.55	576	0.01
40.57	13.55	578	0.01
40.57	13.54	580	0.01
40.57	13.54	582	0.01
40.57	13.54	584	0.01
40.57	13.54	586	0.01
40.57	13.54	588	0.01
40.57	13.55	590	0.01
40.57	13.54	592	0.01
40.57	13.54	594	0.01
40.57	13.54	596	0.01
40.57	13.54	598	0.01
40.57	13.54	600	0.01
40.57	13.54	602	0.01
40.57	13.54	604	0.01
40.57	13.54	606	0.01
40.57	13.55	608	0.01
40.57	13.54	610	0.01
40.57	13.54	612	0.01
40.57	13.54	614	0.01
40.57	13.54	616	0.01
40.57	13.54	618	0.01
40.57	13.54	620	0.01
40.57	13.54	622	0.01
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40.57	13.54	628	0.01
40.57	13.55	630	0.01
40.57	13.54	632	0.01
40.57	13.54	634	0.01
40.57	13.54	636	0.01
40.57	13.54	638	0.01
40.57	13.54	640	0.01
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40.57	13.54	644	0.01
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40.57	13.54	650	0.01
40.57	13.54	652	0.01
40.57	13.54	654	0.01
40.57	13.54	656	0.01
40.57	13.54	658	0.01
40.57	13.54	660	0.01
40.57	13.54	662	0.01
40.57	13.54	664	0.01
40.57	13.54	666	0.01
40.57	13.54	668	0.01
- 0.01	10.04	000	5.01

40.57	13.54	670	0.01
40.57	13.54	672	0.01
40.57	13.54	674	0.01
40.57	13.54	676	0.01
40.57	13.54	678	0.01
40.57	13.54	680	0.01
40.57	13.54	682	0.01
40.57	13.54	684	0.01
40.57	13.54	686	0.01
40.57	13.54	688	0.01
40.57	13.54	690	0.01
40.57	13.54	692	0.01
40.58	13.54	694	0



Aquifer Parameters by the Bouwer	and Rice Slug Test
Hydraulic Conductivity (ft/s):	4.00e-006
Transmissivity (sq ft/s):	3.71e-005

Dave's Gas Station (Former) MW-4 Slug Out

Pressure[ft]	Temperature[°C]	Time (Seconds)	Drawdown
40.48		0	0.73
39.99	13.15	2	1.22
40.1	13.15	4	1.11
40.2	13.16	6	1.01
40.29	13.15	8	0.92
40.37	13.15	10	0.84
40.42	13.16	12	0.79
40.48	13.15	14	0.73
40.54	13.15	16	0.68
40.58	13.15	18	0.63
40.62	13.15	20	0.59
40.66	13.15	22	0.55
40.69	13.15	24	0.52
40.72	13.15	. 26	0.49
40.74	13.15	28	0.47
40.77	13.15	30	0.44
40.78	13.15	32	0.43
40.81	13.15	34	0.4
40.83	13.15	36	0.38
40.85	13.15	38	0.36
40.86	13.15	40	0.35
40.88		42	0.33
40.88	13.15	44	0.33
40.9	13.15	46	0.31
40.91	13.15	48	0.3
40.92	13.15	50	0.29
40.94	13.15	52	0.27
40.95		54	0.26
40.95		56	0.26
40.96		. 58	0.25
40.97	13.15	60	0.24
40.98	13.15	62	0.24
40.98	13.15	64	0.23
40.99	13.15	66	0.22
40.99	13.15	68	0.22 0.21
41	13.15	70	0.21
41.01	13.15	72 74	0.2
41.01	13.15	74 76	0.2
41.02	13.15	76 78	0.19
41.02	13.15		0.19
41.02	13.15	80 82	0.19
41.04	13.15		0.18
41.04	13.15	84	0.18
41.04	13.15	86	0.18
41.04	13.15	88 90	0.18
41.04	13.15	90	0.17
41.05	13.15	92	0.10

41.05	13.15	94	0.16
41.06	13.15	96	0.15
41.06	13.15	98	0.15
41.06	13.15	100	0.15
41.06	13.15	102	0.15
41.07	13.15	104	0.15
41.07	13.15	106	0.15
41.07	13.15	108	0.14
41.08	13.15	110	0.13
41.07	13.15	112	0.14
41.08	13.15	114	0.13
41.09	13.15	116	0.12
41.09	13.15	118	0.12
41.08	13.15	120	0.13
41.09	13.15	122	0.12
41.09	13.15	124	0.12
41.09	13.15	126	0.12
41.09	13.15	128	0.12
41.09	13.15	130	0.12
41.09	13.15	132	0.12
41.09	13.15	134	0.12
41.09	13.15	136	0.12
41.1	13.15	138	0.11
41.09	13.15	140	0.12
41.1	13.15	142	0.11
41.1	13.15	144	0.11
41.1	13.15	146	0.11
41.1	13.15	148	0.11
41.11	13.15	150	0.1
41.11	13.15	152	0.1
41.11	13.15	154	0.1
41.11	13.15	156	0.1
41.11	13.15	158	0.1
41.11	13.15	160	0.1
41.12	13.15	162	0.09
41.12	13.15	164	0.09
41.12	13.15	166	0.09
41.11	13.15	168	0.1
41.12	13.15	170	0.09
41.12	13.15	172	0.09
41.12	13.15	174	0.09 0.09
41.12	13.15	176	0.09
41.12	13.15	178	0.09
41.12	13.15	180	0.09
41.12	13.15	182	0.09
41.12	13.15	184	0.09
41.12	13.14	186 188	0.09
41.12	13.15	100	0.09

41.13	13.14	190	0.08
41.13	13.14	192	0.08
41.13	13.14	194	0.08
41.13	13.14	196	0.08
41.13	13.14	198	0.08
41.13	13.14	200	0.08
41.13	13.14	202	0.08
41.13	13.14	204	0.08
41.12	13.14	206	0.09
41.12	13.14	208	0.09
41.13	13.14	210	80.0
41.12	13.14	212	0.09
41.13	13.14	214	0.08
41.12	13.14	216	0.09
41.13	13.14	218	0.08
41.13	13.14	220	0.08
41.13	13.13	222	0.08
41.13	13.13	224	0.08
41.13	13.13	226	0.08
41.14	13.13	228	0.07
41.14	13.13	230	0.07
41.14	13.13	232	0.07
41.14	13.13	234	0.07
41.14	13.13	236	0.07
41.14	13.13	238	0.07
41.14	13.13	240	0.07
41.14	13.13	242	0.07
41.14	13.12	244	0.07
41.15	13.12	246	0.06
41.15	13.12	248	0.06
41.14	13.12	250	0.07
41.14	13.12	252	0.07
41.15	13.12	254	0.06
41.15	13.12	256	0.06
41.15	13.12	258	0.06
41.15	13.12	260	0.06
41.15	13.12	262	0.06
41.15	13.12	264	0.06
41.15	13.12	266	0.06
41.15	13.12	268	0.06
41.15	13.12	270	0.06
41.15	13.12	272	0.06
41.15	13.12	274	0.06
41.15	13.12	276	0.06
41.15	13.12	278	0.06
41.15	13.12	280	0.06
41.15	13.12	282	0.06
41.15	13.12	284	0.06

41.15	13.12	286	0.06
41.15	13.12	288	0.06
41.15	13.12	290	0.06
41.15	13.12	292	0.06
41.15	13.12	294	0.06
41.15	13.12	296	0.06
41.15	13.12	298	0.06
41.15	13.12	300	0.06
41.15	13.12	302	0.06
41.15	13.12	304	0.06
41.15	13.12	306	0.06
41.16	13.12	308	0.05
41.16	13.12	310	0.05
41.16	13.12	312	0.05
41.16	13.12	314	0.05
41.15	13.12	316	0.06
41.16	13.12	318	0.05
41.16	13.12	320	0.05
41.15	13.12	322	0.06
41.15	13.12	324	0.06
41.15	13.12	326	0.06
41.16	13.12	328	0.05
41.15	13.12	330	0.06
41.15	13.12	332	0.06
41.16	13.12	334	0.05
41.16	13.12	336	0.05
41.16	13.12	338	0.05
41.16	13.12	340	0.05
41.16	13.12	342	0.05
41.16	13.12	344	0.05
41.16	13.12	346	0.05
41.16	13.12	348	0.05
41.16	13.12	350	0.05
41.16	13.12	352	0.05
41.17	13.12	354	0.04
41.16	13.12	356	0.05
41.16	13.12	358	0.05
41.16	13.12	360	0.05
41.16	13.12	362	0.05
41.16	13.12	364	0.05
41.16	13.12	366	0.05
41.17	13.12	368	0.04
41.16	13.12	370	0.05
41.17	13.12	372	0.04
41.16	13.12	374	0.05
41.16	13.12	376	0.05
41.16	13.12	378	0.05
41.16	13.12	380	0.05

		222	0.05
41.16	13.12	382	0.05
41.17	13.12	384	0.04
41.16	13.12	386	0.05
41.16	13.12	388	0.05
41.16	13.12	390	0.05
41.17	13.12	392	0.04
41.16	13.12	394	0.05
41.16	13.12	396	0.05
	13.12	398	0.05
41.16	13.13	400	0.04
41.17		402	0.05
41.16	13.12	404	0.05
41.16	13.12		
41.16	13.13	406	0.05
41.17	13.12	408	0.04
41.17	13.12	410	0.04
41.16	13.13	412	0.05
41.17	13.13	414	0.04
41.17	13.13	416	0.04
41.17	13.13	418	0.04
41.16	13.13	420	0.05
41.16	13.13	422	0.05
41.17	13.13	424	0.04
41.17	13.13	426	0.04
41.17	13.13	428	0.04
41.17	13.12	430	0.04
41.17	13.13	432	0.04
41.17	13.12	434	0.04
41.17	13.13	436	0.04
41.17	13.13	438	0.04
41.17	13.13	440	0.04
41.17	13.13	442	0.04
41.17	13.13	444	0.04
41.17	13.13	446	0.04
41.17	13.13	448	0.04
	13.13	450	0.04
41.17		452	0.04
41.17	13.13	454	0.04
41.17	13.13		0.04
41.17	13.13	456	
41.17	13.13	458	0.04
41.17	13.13	460	0.04
41.17	13.13	462	0.04
41.17	13.13	464	0.04
41.17	13.13	466	0.04
41.17	13.13	468	0.04
41.17	13.13	470	0.04
41.17	13.13	472	0.04
41.17	13.13	474	0.04
41.17	13.13	476	0.04

(4.49 - 4.1)			
41.17	13.13	478	0.04
41.17	13.13	480	0.04
41.17	13.13	482	0.04
41.17	13.13	484	0.04
41.17	13.13	486	0.04
41.17	13.13	488	0.04
41.17	13.13	490	0.04
41.17	13.14	492	0.04
41.17	13.13	494	0.04
41.17	13.14	496	0.04
41.17	13.13	498	0.04
41.17	13.14	500	0.04
41.17	13.14	502	0.04
41.17	13.14	504	0.04
41.17	13.13	506	0.04
41.17	13.13	508	0.04
41.17	13.13	510	0.04
41.17	13.13	512	0.04
41.17	13.13	514	0.04
41.17	13.13	516	0.04
41.17	13.13	518	0.04
41.17	13.13	520	0.04
41.17	13.13	522	0.04
41.17	13.13	524	0.04
41.17	13.13	526	0.04
41.17	13.13	528	0.04
41.17	13.13	530	0.04
41.17	13.13	532	0.04
41.17	13.13	534	0.04
41.17	13.13	536	0.04
41.17	13.13	538	0.04
41.17	13.13	540	0.04
41.17	13.13	542	0.04
41.17	13.13	544	0.04
41.17	13.13	546	0.04
41.18	13.13	548	0.03
41.17	13.13	550	0.04
41.17	13.13	552	0.04
41.17	13.13	554	0.04
41.17	13.13	556	0.04
41.17	13.13	558	0.04
41.18	13.13	560	0.03
41.17	13.13	562	0.04
41.17	13.13	564	0.04
41.18	13.13	566	0.03
41.18	13.13	568	0.03
41.18	13.13	570	0.03
41.18	13.13	572	0.03
	10.10		

(3.43			
41.18	13.13	574	0.03
41.17	13.13	576	0.04
41.18	13.13	578	0.03
41.18	13.13	580	0.03
41.18	13.13	582	0.03
41.18	13.13	584	0.03
41.18	13.13	586	0.03
41.18	13.13	588	0.03
41.18	13.13	590	0.03
41.18	13.13	592	0.03
41.18	13.13	594	0.03
41.18	13.13	596	0.03
41.18	13.13	598	0.03
41.18	13.13	600	0.03
41.18	13.13	602	0.03
41.18	13.13	604	0.03
41.18	13.13	606	0.03
41.18	13.13	608	0.03
41.18	13.13	610	0.03
41.18	13.13	612	0.03
41.18	13.13	614	0.03
41.18	13.13	616	0.03
41.18	13.13	618	0.03
41.18	13.13	620	0.03
41.18	13.13	622	0.03
41.18	13.13	624	0.03
41.18	13.13	626	0.03
41.18	13.13	628	0.03
41.18	13.13	630	0.03
41.18	13.13	632	0.03
41.18	13.13	634	0.03
41.18	13.13	636	0.03
41.18	13.13	638	0.03
41.18	13.13	640	0.03
41.18	13.13	642	0.03
41.18	13.12	644	0.03
41.18	13.13	646	0.03
41.19	13.12	648	0.02
41.19	13.13	650	0.02
41.18	13.13	652	0.03
41.18	13.13	654	0.03
41.18	13.13	656	0.03
41.18	13.13	658	0.03
41.18	13.13	660	0.03
41.19	13.13	662	0.02
41.18	13.13	664	0.03
41.19	13.13	666	0.02
41.18	13.13	668	0.03

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41.18	13.13	670	0.03
41.18	13.13	672	0.03
41.19	13.13	674	0.02
41.19	13.13	676	0.02
41.19	13.13	678	0.02
41.18	13.13	680	0.03
41.18	13.13	682	0.03
41.18	13.13	684	0.03
41.19	13.13	686	0.02
41.18	13.13	688	0.03
41.19	13.13	690	0.02
41.18	13.13	692	0.03
41.19	13.13	694	0.02
41.19	13.13	696	0.02
41.19	13.13	698	0.02
41.18	13.13	700	0.03
41.18	13.13	702	0.03
41.18	13.13	704	0.03
41.19	13.13	706	0.02
41.18	13.13	708	0.03
41.18	13.13	710	0.03
41.18	13.13	712	0.03
41.19	13.13	714	0.02
41.18	13.13	716	0.03
41.18	13.13	718	0.03
41.18	13.13	720	0.03
41.19	13.13	722	0.02
41.18	13.13	724	0.03
41.18	13.13	726	0.03
41.19	13.13	728	0.02
41.19	13.13	730	0.02
41.19	13.13	732	0.02
41.19	13.13	734	0.02
41.19	13.13	736	0.02
41.19	13.13	738	0.02
41.19	13.13	740	0.02
41.19	13.13	742	0.02
41.19	13.13	744	0.02
41.19	13.13	746	0.02
41.19	13.13	748	0.02
	13.13	750	0.02
41.19	13.13	752	0.03
41.18	13.13	754	0.03
41.18	13.13	756	0.03
41.18		758	0.03
41.19	13.12	760	0.02
41.19	13.13	762	0.02
41.18	13.13	762 764	0.03
41.19	13.13	704	0.02

41.18	13.13	766	0.03
41.19	13.12	768	0.02
41.18	13.13	770	0.03
41.18	13.13	772	0.03
41.19	13.13	774	0.02
41.18	13.13	776	0.03
41.18	13.13	778	0.03
41.18	13.12	780	0.03
41.19	13.13	782	0.02
41.19	13.13	784	0.02
41.19	13.13	786	0.02
41.19	13.13	788	0.02
41.18	13.13	790	0.03
41.19	13.12	792	0.02
41.19	13.13	794	0.02
41.19	13.13	796	0.02
41.19	13.13	798	0.02
41.2	13.13	800	0.02
41.19	13.13	802	0.02
41.2	13.13	804	0.02
41.19	13.13	806	0.02
41.19	13.13	808	0.02
41.19	13.13	810	0.02
41.19	13.13	812	0.02
41.19	13.13	814	0.02
41.19	13.13	816	0.02
41.2	13.13	818	0.02
41.19	13.13	820	0.02
41.19	13.13	822	0.02
41.19	13.13	824	0.02
41.19	13.13	826	0.02
41.19	13.13	828	0.02
41.19	13.13	830	0.02
41.19	13.13	832	0.02
41.19	13.13	834	0.02
41.19	13.13	836	0.02
41.19	13.13	838	0.02
41.19	13.13	840	0.02
41.19	13.13	842	0.02
41.19	13.13	844	0.02
41.2	13.13	846	0.02
41.19	13.13	848	0.02
41.19	13.13	850 852	0.02
41.2	13.13	852	
41.2	13.13	854 856	0.02
41.19	13.13	856	0.02
41.2	13.13	858	0.02
41.19	13.13	860	0.02

41.2	13.13	862	0.02
41.2	13.13	864	0.02
41.19	13.13	866	0.02
41.19	13.13	868	0.02
41.2	13.13	870	0.02
41.2	13.13	872	0.02
41.19	13.13	874	0.02
41.13	13.12	876	0.01
41.2	13.13	878	0.02
41.2	13.13	880	0.02
41.19	13.12	882	0.02
41.19	13.12	884	0.02
41.19	13.13	886	0.02
	13.13	888	0.02
41.19		890	0.02
41.19	13.13	892	0.02
41.19	13.13	894	0.02
41.19	13.13	896	0.02
41.2	13.13		0.02
41.2	13.13	898	
41.2	13.12	900	0.01
41.2	13.12	902	0.01
41.2	13.13	904	0.02
41.2	13.13	906	0.02
41.2	13.12	908	0.01
41.2	13.13	910	0.02
41.2	13.13	912	0.02
41.21	13.12	914	0.01
41.2	13.13	916	0.02
41.2	13.13	918	0.02
41.2	13.13	920	0.02
41.2	13.12	922	0.01
41.19	13.13	924	0.02
41.2	13.13	926	0.02
41.2	13.12	928	0.01
41.2	13.13	930	0.02
41.2	13.13	932	0.02
41.2	13.12	934	0.01
41.19	13.12	936	0.02
41.2	13.13	938	0.02
41.2	13.13	940	0.02
41.19	13.13	942	0.02
41.19	13.13	944	0.02
41.2	13.12	946	0.01
41.2	13.12	948	0.01
41.2	13.12	950	0.01
41.2	13.13	952	0.02
41.19	13.12	954	0.02
41.19	13.12	956	0.02
71.13	10.12	000	٥.٠٠

41.19	13.13	958	0.02
41.2	13.12	960	0.01
41.19	13.12	962	0.02
41.19	13.12	964	0.02
41.19	13.12	966	0.02
41.19	13.12	968	0.02
41.2	13.12	970	0.01
41.2	13.12	972	0.01
41.2	13.12	974	0.01
41.2	13.12	976	0.01
41.19	13.12	978	0.02
41.2	13.13	980	0.02
41.2	13.12	982	0.01
41.2	13.12	984	0.01
41.2	13.12	986	0.01
41.19	13.12	988	0.02
41.19	13.12	990	0.02
41.2	13.12	992	0.01
41.2	13.12	994	0.01
41.2	13.12	996	0.01
41.2	13.12	998	0.01
41.2	13.12	1000	0.01
41.2	13.12	1002	0.01
41.2	13.12	1004	0.01
41.2	13.12	1006	0.01
41.2	13.12	1008	0.01
41.2	13.12	1010	0.01
41.2	13.12	1012	0.01
41.2	13.12	1014	0.01
41.2	13.12	1016	0.01
41.2	13.12	1018	0.01
41.2	13.12	1020	0.01
41.2	13.12	1022	0.01
41.2	13.12	1024	0.01
41.2	13.12	1026	0.01
41.2	13.12	1028	0.01
41.2	13.12	1030	0.01
41.2	13.12	1032	0.01
41.2	13.12	1034	0.01
41.2	13.12	1036	0.01
41.2	13.12	1038	0.01
41.21	13.12	1040	0.01

APPENDIX F/ QUALIFICATIONS OF METCO PERSONNEL

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/DSPS 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.
- · Member of the Wisconsin Fabricare Institute

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 700 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.

Jon Jensen

Professional Title

Staff Scientist

Credentials

 Registered through the Wisconsin Department of Safety and Professional Services as a PECFA consultant (#1294924).

Education

Includes B.S. in Geography with and Environmental Science minor from University of Wisconsin – La Crosse: Applicable courses successfully completed include Interpretation of Aerial Photographs, Intro to GIS, Advanced Remote Sensing, Fundamentals of Cartography, Biogeography, and Conservation of Global Environments.

Work Experience

With METCO since July, 2014 as Staff Scientist. Duties include: soil and groundwater sampling, operation and maintenance of remedial systems, geoprobe projects (oversight, direction, and sampling), site mapping, data reduction and analysis, and reporting.

Matthew C. Michalski

Professional Title

Hydrogeologist

Credentials

- Registered through the Wisconsin Department of Safety and Professional Services as a PECFA consultant (#823519).
- Member of the Wisconsin Groundwater Association
- Member of the Minnesota Groundwater Association
- · Member of the National Groundwater Association
- · Member of the American Institute of Professional Geologist
- Member of the Geological Society of America

Education

Includes B.S. in Geology with an emphasis in Hydrogeology and Water Chemistry from the University of Wisconsin-Eau Claire, completion of Western Michigan University's Hydrogeology Field Camp, a B.S. In Geography from the University of Wisconsin-La Crosse.. Applicable courses successfully completed include Hydrogeology, Contaminant Hydrogeology, Aqueous Geochemistry, Geomorphology and Aerial Photograhy interpretation, Sedimentology and Stratigraphy, Structural Geology, Mineralogy and Petrology, Hazardous Waste Operation and Emergency Response, Surface Geophysics, Principles and Practices of Groundwater Sampling and Monitoring, Principles and Practices of Aquifer Testing, Principles of Well Drilling and Installation, Remediation Design and Implementation, Water Resources, Environmental Hazards and Land Use, and Advanced Map Design.

Post-Graduate Education

40-hour OSHA Hazardous Materials Safety Training course.

Work Experience

With METCO since May 2016 as a Hydrogeologist and from August 2012 to August 2014 as a Staff scientist. Duties have included: soil and groundwater sampling, 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), and operation and maintenance of remedial systems, 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."

Jason T. Powell
Staff Scientist

7/6/16 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."

Environmental Consulting, Fuel System Design, Installation and Service

Ronald J. Anderson PG

Senior Hydrogeologist/Project Manager

7/6/16