Site Investigation Report

Ellis Hand Car Wash
2335 W Atkinson Avenue
Milwaukee, Wisconsin

October 23, 2018
by METCO
WDNR File Reference #: 03-41-402801
PECFA Claim #: 53209-6623-35

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This document was prepared by:

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Staff Scientist

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October 23, 2018

WDNR BRRTS#: 03-41-402801
PECFA Claim #: 53209-6623-35

Donald Miller
New Hope Missionary Baptist Church
2433 W Roosevelt Drive
Milwaukee, WI 53209

Dear Mr. Miller,

Enclosed is our "Site Investigation Report" concerning the Ellis Hand Car Wash site in Milwaukee, Wisconsin. This report presents the complete data from all investigation activities.

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

Based on the data collected, the WDNR will likely require the following to move this site to closure: 1) Due to NR720 Direct Contact exceedances and elevated contamination levels in groundwater, excavation may be required in the area of MW-1. 2) Following the excavation, replace MW-1 and conduct two additional rounds of groundwater monitoring. Per state response, METCO will proceed with the project.

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

Sincerely,

Jason T. Powell
Staff Scientist

C: Tim Zeichert – WDNR

EXECUTIVE SUMMARY

The existing building was built in 1957 and operated as a gas/service station until approximately the late 1970's. After retail fuel sales seized, the property has been operated as a tire shop/hand car wash. New Hope Missionary Baptist Church has owned the property since 1978.

In approximately 1980, three 500-gallon leaded gasoline USTs were removed from the subject property.

On December 19, 2002, Envirogen, Inc. completed seven Geoprobe soil borings with seven soil samples collected for GRO or DRO analysis. Petroleum contamination was detected in five of the seven soil samples with GRO detected at 23, 733, and 2,410 ppm and DRO detected at 24 and 40 ppm. The petroleum contamination was subsequently reported to the WDNR, who then required that a site investigation be conducted.

The site investigation consisted of a Geoprobe project, a Drilling Project, and two rounds of groundwater monitoring.

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

- Local unconsolidated material generally consists of a gray to tan sandy clay from surface to at least 15 feet below ground surface (bgs). Fill material consisting of tan fine to coarse grained sand with gravel was encountered in borings G-1, G-3, G-5, and G-6 from ground surface to depths ranging from 3 to 11 feet bgs.

- Bedrock was not encountered during the site investigation, but limestone/dolomite bedrock is believed to exist at approximately 200 feet bgs.

- Based on the data collected during the site investigation, the depth to groundwater in this area ranges from 3.56 to 6.83 feet bgs depending on location and time of year and groundwater flow is generally toward the northeast to southeast.

- An area of unsaturated soil contamination, which exceeds the NR720 Groundwater RCL's exists in the area of the removed UST's and pump islands. This area of soil contamination appears to measure approximately 96 feet long, up to 35 feet wide, and extends to the watertable (3.67 to 5.17 feet bgs). An area of unsaturated soil contamination, which exceeds the NR720 Direct Contact RCL's exists in the area of the southeastern pump island. This area

appears to measure approximately 19 feet long, 8 feet wide, and up to 4 feet thick. Four soil samples (G-6, G-8, G-10, and G-17) showed NR720 Groundwater RCL exceedances for Lead only.

- A dissolved phase contaminant plume exceeding the NR140 Enforcement Standard and/or Preventative Action Limit has formed at the watertable in the area of the removed UST's and pump islands and migrated toward the east-northeast. This plume is approximately 110 feet long and 80 feet wide.

- Based on the most recent groundwater analytical results, three monitoring wells (MW-1, MW-2, and MW-5) showed NR140 Enforcement Standard exceedances and one monitoring well (MW-3) showed an NR140 Preventative Action Limit exceedance. The remaining two monitoring wells (MW-4 and MW-6) currently show "no detects" for PVOCs, Naphthalene, and/or Dissolved Lead.

- Based on the receptor survey, there appears to be no risks associated with the existing contamination concerning vapor intrusion, potable water supply wells, utility corridors, or surface waters from this site.

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.

Based on the data collected, the WDNR will likely require the following to move this site to closure: 1) Due to NR720 Direct Contact exceedances and elevated contamination levels in groundwater, excavation may be required in the area of MW-1. 2) Following the excavation, replace MW-1 and conduct two additional rounds of groundwater monitoring. If the state concurs, please contact METCO to discuss workscope and budget.

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Site Investigation Report - METCO
Ellis Hand Car Wash

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 D.

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

New Hope Missionary Baptist Church
c/o Donald Miller
2433 W Roosevelt Drive
Milwaukee, WI 53209
(414) 559-3447

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

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

Geiss Soil & Samples, LLC
W4490 Pope Road
Merrill, WI 54452
(715) 563-7103

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

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

1.3 Site Location

Site address:
2335 W Atkinson Avenue
Milwaukee, Wisconsin

Latitude and Longitude:
43° 5' 36" N and 87° 56' 29" W

WTM Coordinates:
687520, 293238

Township/Range:
SW ¼, SW ¼, Section 6, Township 7 North, Range 22 East, Milwaukee County.

1.4 Site History

The existing building was built in 1957 and operated as a gas/service station until approximately the late 1970's. After retail fuel sales seized, the property has been operated as a tire shop/hand car wash. New Hope Missionary Baptist Church has owned the property since 1978.

In approximately 1980, three 500-gallon leaded gasoline USTs were removed from the subject property.

On December 19, 2002, Envirogen, Inc. completed seven Geoprobe soil borings with seven soil samples collected for GRO or DRO analysis. Petroleum contamination was detected in five of the seven soil samples with GRO detected at 23, 733, and 2,410 ppm and DRO detected at 24 and 40 ppm. The petroleum contamination was subsequently reported to the WDNR, who then required that a site investigation be conducted.

Numerous other LUST, ERP, and Spill sites exist within the City of Milwaukee, including a closed LUST case (City of Milwaukee – BRRTS# 03-41-542436) at a former gas station that was located approximately 60 feet to the northeast,

across W Atkinson Avenue at 4227 N Teutonia Avenue.

2.0 GEOLOGY AND RECEPTORS

2.1 Regional and Local Geology and Hydrogeology

Topography and Regional Setting

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

The elevation of the site is approximately 660 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.

Geologic material in the area of investigation generally consists of the following in downward stratigraphic order:

- From surface to at least 15 feet below ground surface (bgs) exists a gray to tan sandy clay.
- Fill material consisting of tan fine to coarse grained sand with gravel was encountered in borings G-1, G-3, G-5, and G-6 from ground surface to depths ranging from 3 to 11 feet bgs.
- Bedrock was not encountered during the site investigation, but limestone/dolomite bedrock is believed to exist at approximately 200 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

Based on the data collected during the site investigation, the depth to

groundwater in this area ranges from 3.56 to 6.83 feet bgs depending on location and time of year and groundwater flow is generally toward the northeast to southeast.

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

2.2 Receptors

Buildings, Basements, Sumps, Utility Corridors

There does not appear to be any risk of vapor intrusion to the onsite building for the following reasons: 1) Free product has not been encountered in any of the monitoring wells. 2) Benzene levels in groundwater near the building are well below 1,000 ppb.

No utility corridors (sanitary sewer, storm sewer, and water lines) seem to exist within the area of the NR140 ES contaminant plume in groundwater and/or the area of soil contamination exceeding the NR720 Groundwater RCLs.

Municipal and Private Water Supply Wells

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

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 Lincoln Creek, which exists approximately 4,200 feet to the northwest of the subject property.

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 December 19, 2016, METCO prepared a LUST Investigation Field Procedures Workplan.

3) On August 1-2, 2017, METCO personnel supervised the completion of twenty-two Geoprobe borings (G-1 through G-22) to depths ranging from 4 to 12 feet bgs. Sixty-four soil samples and fifteen groundwater samples were collected for field and/or laboratory analysis.
4) On March 14-15, 2018, METCO personnel supervised the completion of six soil borings (MW-1 through MW-6) and installation of six monitoring wells (MW-1 through MW-6). Eighteen soil samples were collected for field and/or laboratory analysis. Upon completion, the monitoring wells could not be developed as the wells were dry after installation.
5) On May 7, 2018, METCO personnel collected groundwater samples from the six monitoring wells for field and laboratory analysis (Round 1). During the groundwater sampling event, hydraulic conductivity tests were performed on three monitoring wells (MW-1, MW-2, and MW-5). Also, Fauerbach Surveying & Engineering surveyed all site monitoring wells to feet mean sea level.
6) On May 21, 2018, DKS Transport Services, LLC picked up and properly disposed of six drums of soil cuttings.
7) On July 31, 2018, METCO personnel collected groundwater samples from the six monitoring wells for field and laboratory analysis (Round 2).

Site Access Problems

No site access problems were encountered during the site 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 August 1-2, 2017, Geiss Soil & Samples, LLC of Merrill, WI conducted a Geoprobe Project under the direction and supervision of METCO personnel. Twenty-two Geoprobe borings were advanced to depths ranging from 4 to 12

feet bgs. Sixty-four soil samples collected for field analysis (PID) and geologic description. Thirty-one soil samples were submitted for laboratory analysis (VOC 524.2, PVOC, Naphthalene, and/or Lead).

On March 14-15, 2018, Soils & Engineering Services, Inc. of Madison, WI conducted a Drilling Project under the direction and supervision of METCO personnel. Six soil borings were completed to 15 feet bgs with eighteen soil samples collected for field analysis (PID) and/or geologic description. Eight soil samples were submitted for laboratory analysis (PVOC and Naphthalene) and one drum composite soil sample was submitted for laboratory analysis (GRO, TCLP Benzene, and TCLP Lead).

Soil analytical results are summarized in the Soil Analytical Results Tables with exceedances of the NR720 RCLs and/or Soil Saturation Values noted.

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

Groundwater Sampling Data

On August 1-2, 2017, during the Geoprobe project, METCO personnel collected fifteen groundwater samples from the Geoprobe borings for laboratory analysis (PVOC and Naphthalene).

On March 14-15, 2018, during the Drilling Project, six monitoring wells (MW-1 through MW-6 were installed. Upon completion the monitoring wells could not be developed as the wells were dry after installation.

On May 17, 2018, METCO personnel collected groundwater samples from the six monitoring wells (MW-1 through MW-6) for field (Water Level, Dissolved Oxygen, pH, ORP, Temperature, and Specific Conductivity) and laboratory analysis (VOC, Dissolved Lead, Dissolved Iron, Dissolved Manganese, Nitrate/Nitrite, and Sulfate).

On July 31, 2018, METCO personnel collected groundwater samples from the six monitoring wells (MW-1 through MW-6) for field (Water Level, Dissolved Oxygen, pH, ORP, Temperature, and Specific Conductivity) and laboratory analysis (PVOC, Naphthalene, and Dissolved Lead).

Groundwater analytical results are summarized in the Groundwater Analytical Tables with exceedances of the NR140 Enforcement Standard and/or Preventive Action Limit noted.

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

Laboratory Certification

Synergy Environmental Lab
Wisconsin Lab Certification #445037560

3.3 Permeability and Hydraulic Conductivities

On May 7, 2018, METCO conducted slug tests on monitoring wells MW-1, MW-2, and MW-5. The slug test data was evaluated using the curve fitting program "Hydro-Test for Windows" Produced by Dakota Environmental, Inc. Slug test data was evaluated using the Bouwer and Rice method. Hydrogeologic parameters were estimated as the following:

Monitoring Well MW-1
Hydraulic Conductivity (K) = 9.11E-06 cm/sec
Transmissivity = 2.99E-03 cm^2/sec
Flow Velocity (V=Kl/n) = 0.4802 m/yr

Monitoring Well MW-2
Hydraulic Conductivity (K) = 4.42E-06 cm/sec
Transmissivity = 1.30E-03 cm^2/sec
Flow Velocity (V=Kl/n) = 0.2329 m/yr

Monitoring Well MW-5
Hydraulic Conductivity (K) = 1.53E-05 cm/sec
Transmissivity = 3.97E-03 cm^2/sec
Flow Velocity (V=Kl/n) = 0.8046 m/yr

Since the thickness of the unconfined aquifer was unknown, the bottoms of monitoring wells MW-1, -2, and -5 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

The Geoprobe Project, Drilling Project, and two rounds of groundwater monitoring clearly shows that released petroleum products have impacted the local soil and groundwater. Results of the investigation are as follows:

- Local unconsolidated material generally consists of a gray to tan sandy clay from ground surface to at least 15 feet bgs. Fill material consisting of tan fine to coarse grained sand with gravel was encountered in the area of the former UST system from ground surface to depths ranging from 3 to 11 feet bgs.

- Bedrock was not encountered during the site investigation, but

Limestone/Dolomite bedrock is believed to exist at approximately 200 feet bgs.

  - Based on the data collected during the site investigation, the depth to groundwater in this area ranges from 3.56 to 6.83 feet bgs depending on location and time of year and groundwater flow is generally toward the northeast to southeast.

- The area of unsaturated soil contamination, which exceeds the NR720 Groundwater RCLs, appears to measure approximately 96 feet long, up to 35 feet wide, and extends to the watertable (3.56 to 6.83 feet bgs depending on location and time of year). One unsaturated soil sample (MW-1-1) showed NR720 Direct Contact RCL exceedances for Benzene, Ethylbenzene, Naphthalene, and Xylene. Four soil samples (G-6, G-8, G-10, and G-17) showed NR720 Groundwater RCL exceedances for Lead only.

- A dissolved phase contaminant plume exceeding the NR140 Enforcement Standard and/or Preventative Action Limit has formed at the watertable and migrated toward the east-northeast. This plume is approximately 110 feet long and 80 feet wide.

- Based on the most recent groundwater analytical results, three monitoring wells (MW-1, MW-2, and MW-5) showed NR140 Enforcement Standard exceedances and one monitoring well (MW-3) showed an NR140 Preventative Action Limit exceedance. The remaining two monitoring wells (MW-4 and MW-6) currently show "no detects) for PVOCs, Naphthalene, and/or Dissolved Lead.

- Based on the receptor survey, there appears to be no risks associated with the existing contamination concerning vapor intrusion, potable water supply wells, utility corridors, or surface waters from this site.

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

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

3.5 Risk Assessment

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

1. Verified contaminant concentrations in a private or public potable well that exceeds the Preventive Action Limit established under Chapter,

Stats. 160.

2. Petroleum product that is not in the dissolved phase (floating product) is present with a thickness of 0.01 feet or more, and verified by more than one sampling event.
3. An Enforcement Standard exceedance in groundwater within 1,000 feet of a well operated by a public utility, or within 100 feet of any other well used to provide water for human consumption.
4. An Enforcement Standard exceedance in fractured bedrock.

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

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

Based on the NR746.03 definitions, the Ellis Hand Car Wash site is currently a "medium 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

Based on the data collected, the WDNR will likely require the following to move this site to closure: 1) Due to NR720 Direct Contact exceedances and elevated contamination levels in groundwater, excavation may be required in the area of MW-1. 2) Following the excavation, replace MW-1 and conduct two additional rounds of groundwater monitoring.

5.0 REFERENCES

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

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

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

Matsch, C.L. and Ojakangas, R.W., 1982, Minnesota's Geology, Minneapolis, Minnesota.

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

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

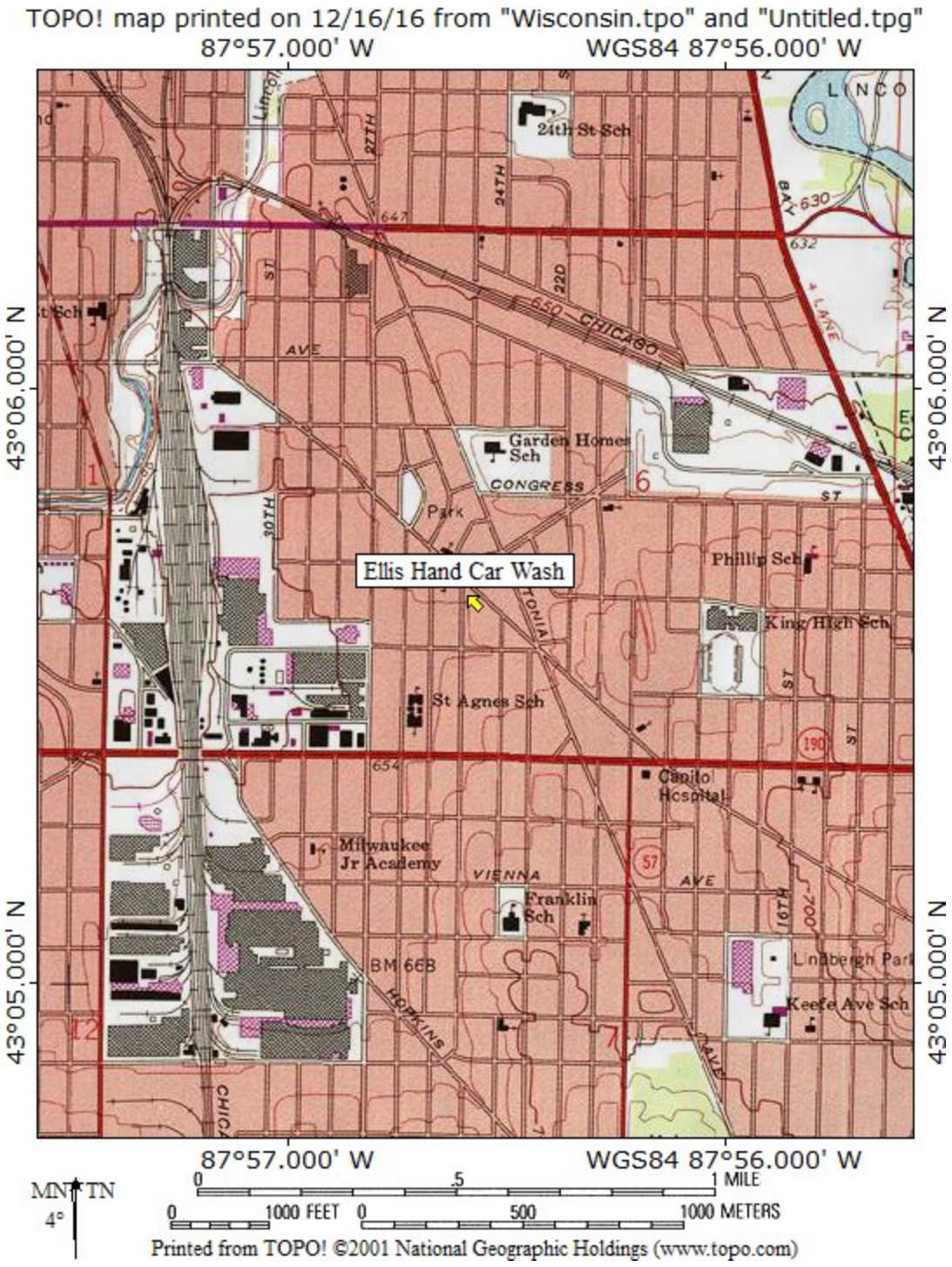
Skinner, Earl L. & Borman, Ronald G., 1973, Water Resources of Wisconsin – Lake Michigan Basin, Hydrologic Investigations, Atlas HA-432, U.S. Geological Survey, Washington D.C.

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

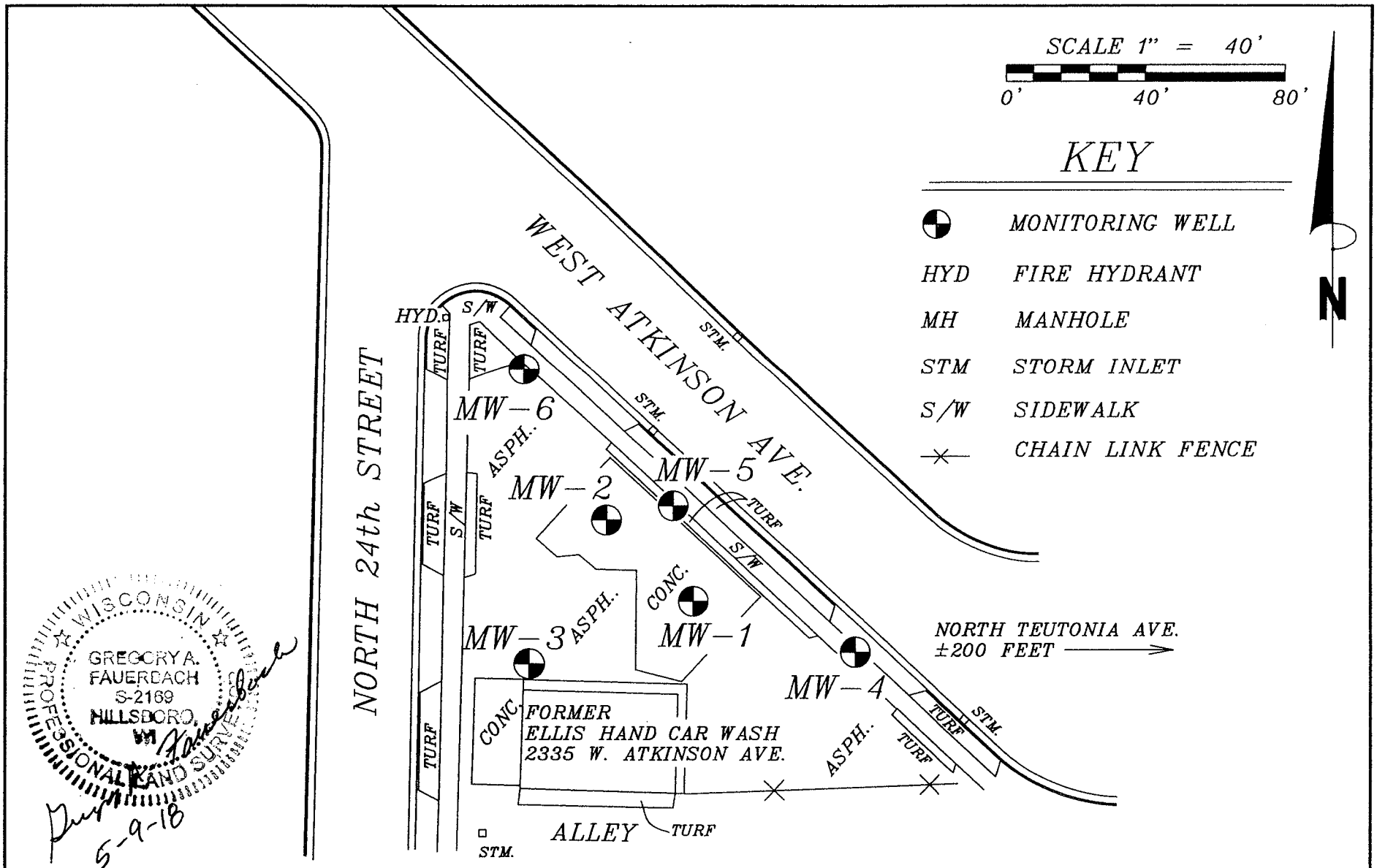
Weston, R.F., 1987, Remedial Technologies for Leaking Underground Storage Tanks.

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

6.0 FIGURES



B.1.a LOCATION MAP CONTOUR INTERVAL 10 FEET
ELLIS HAND CAR WASH – MILWAUKEE, WI
SEAMLESS USGS TOPOGRAPHIC MAPS ON CD-ROM



DRAWN BY: GF DATE: 5/7/18 FIELD DWG. NO.: 52418	REVISIONS	PROJECT: (FORMER) ELLIS HAND CAR WASH 2335 W. ATKINSON AVE. MILWAUKEE, WI 53209	SHEET NAME LOCATION MAP	PAGE 1 OF 1
	FAUERBACH SURVEYING & ENG. PO BOX 140, HILLSBORO, WI 54634 PH/FAX 608-489-3363			

WELL	MILWAUKEE CO. WISCRS COORD. SYSTEM NAD83(2011) NORTH	EAST	TOP OF WELL ELEVATION (NAVD 88)	TOP OF PVC CASING ELEVATION (NAVD 88)
MW-1	319511.91	597409.52	662.87'	662.44'
MW-2	319535.23	597384.34	662.83'	662.35'
MW-3	319494.08	597362.41	662.43'	662.06'
MW-4	319497.39	597456.31	662.76'	662.47'
MW-5	319539.29	597403.67	663.12'	662.83'
MW-6	319578.71	597360.75	662.78'	662.40'

WISCONSIN
GREGORY A. FAUERBACH
S-2169
HILLSBORO WI
PROFESSIONAL LAND SURVEYOR
5-9-18

DRAWN BY: GF
DATE: 5/7/18 FIELD
DWG. NO.: 52418

REVISIONS

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

PROJECT: (FORMER)
ELLIS HAND CAR WASH
2335 W. ATKINSON AVE.
MILWAUKEE, WI 53209

SHEET NAME
DATA SHEET

PAGE
1 OF 1

B.I.b DETAILED SITE MAP

ELLIS HAND CAR WASH

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

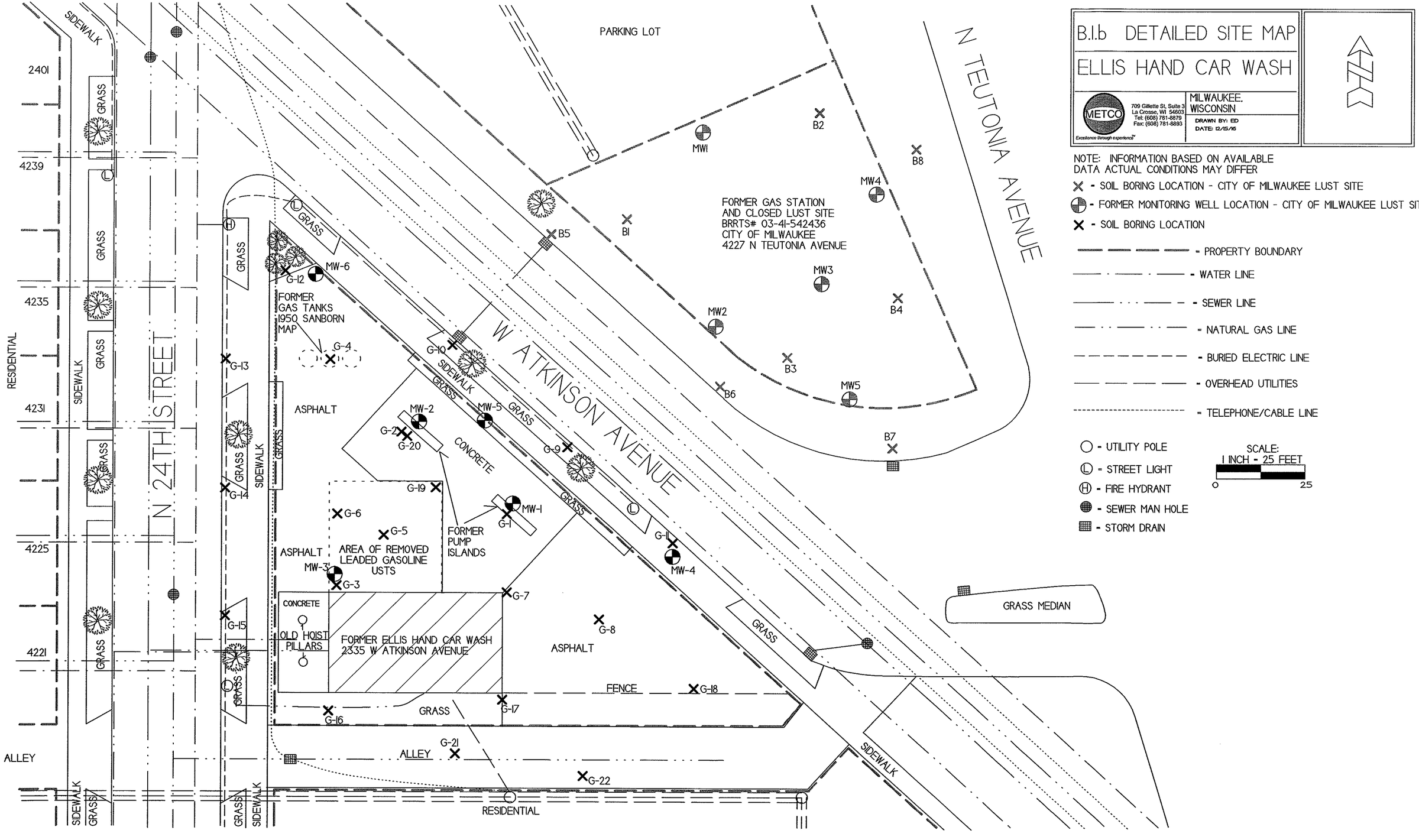
MILWAUKEE, WISCONSIN

DRAWN BY: ED
DATE: 12/15/16

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ✕ - SOIL BORING LOCATION - CITY OF MILWAUKEE LUST SITE
- ◐ - FORMER MONITORING WELL LOCATION - CITY OF MILWAUKEE LUST SITE
- ✕ - SOIL BORING LOCATION
- — — — — - PROPERTY BOUNDARY
- — · — · — - WATER LINE
- — ··· — — - SEWER LINE
- — · — ·· — - NATURAL GAS LINE
- — — — — — - BURIED ELECTRIC LINE
- — — — — - OVERHEAD UTILITIES
- ---------- - TELEPHONE/CABLE LINE
- ○ - UTILITY POLE
- Ⓛ - STREET LIGHT
- Ⓗ - FIRE HYDRANT
- ● - SEWER MAN HOLE
- ▦ - STORM DRAIN

SCALE: 1 INCH = 25 FEET
0 25



B.3.c. GROUNDWATER FLOW DIRECTION (5/7/18)

ELLIS HAND CAR WASH

METCO
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La Crosse, WI 54603
Tel: (608) 781-8879
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Excellence through experience™

MILWAUKEE, WISCONSIN

DRAWN BY: ED
DATE: 12/15/16

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ✕ - SOIL BORING LOCATION - CITY OF MILWAUKEE LUST SITE
- ◐ - FORMER MONITORING WELL LOCATION - CITY OF MILWAUKEE LUST SITE
- ✕ - SOIL BORING LOCATION
- PROPERTY BOUNDARY
- WATER LINE
- SEWER LINE
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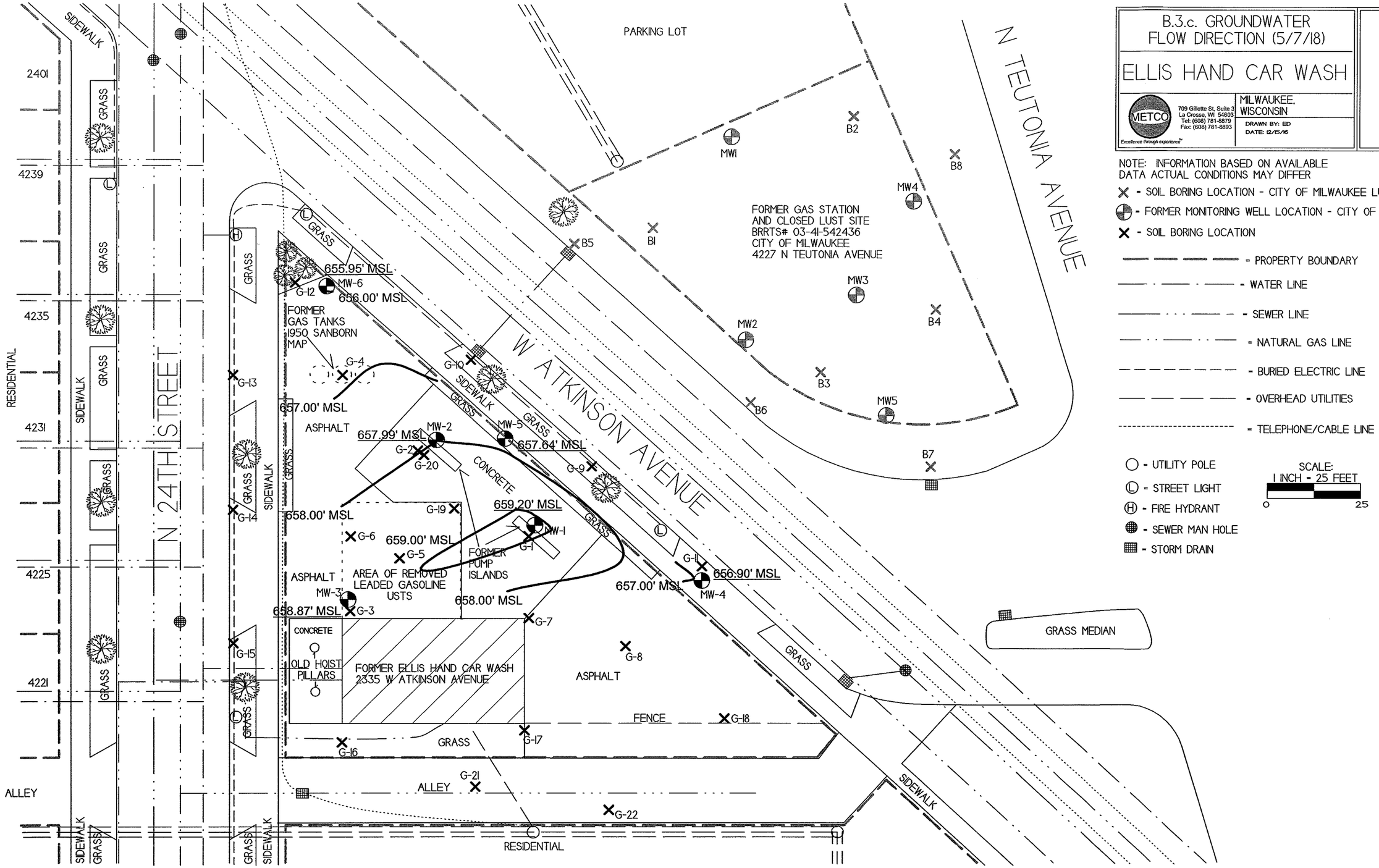
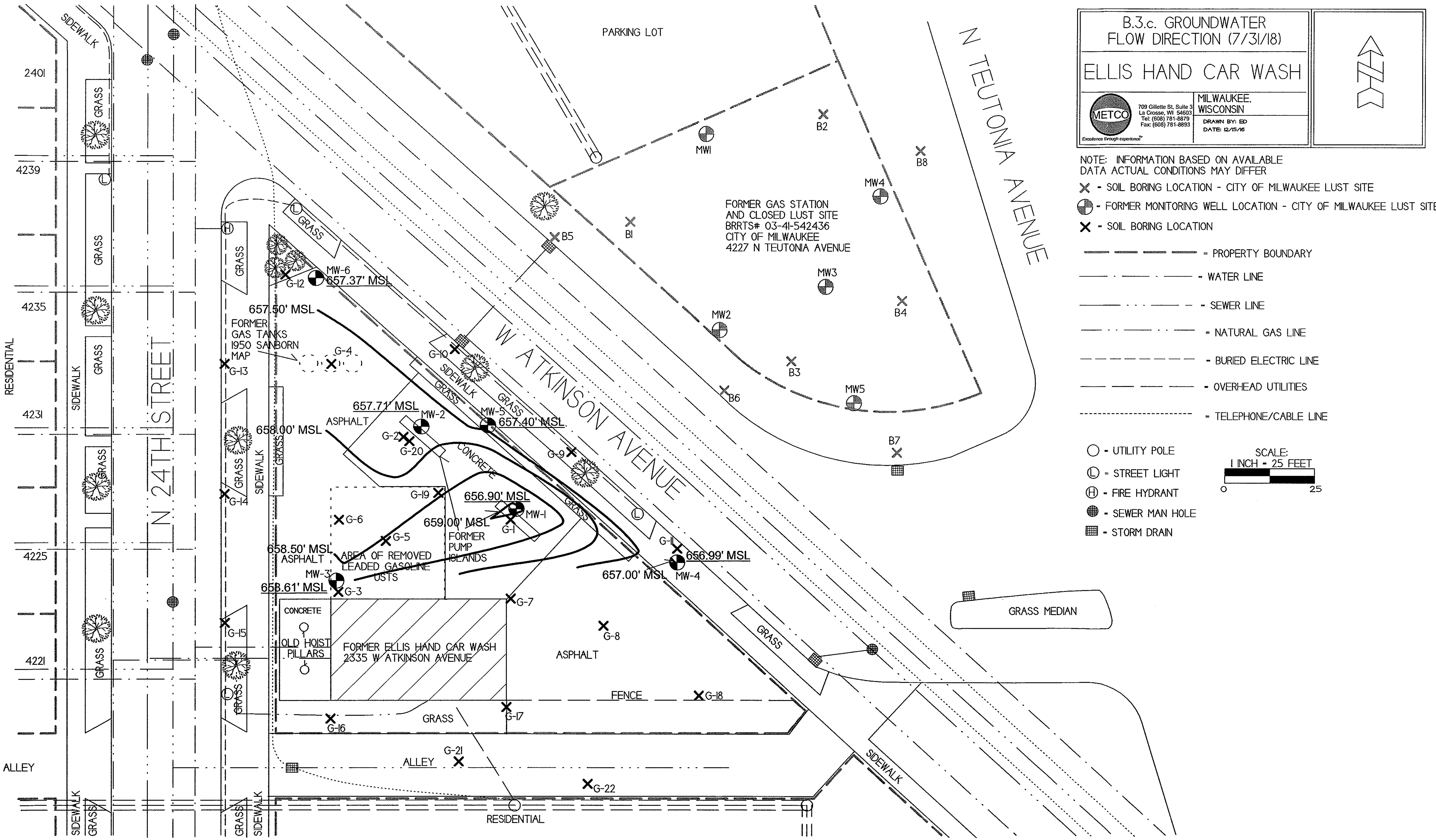
SCALE: 1 INCH = 25 FEET
0 25





B.3.c. GROUNDWATER FLOW DIRECTION (7/31/18)
ELLIS HAND CAR WASH
METCO
709 Gillette St, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience
MILWAUKEE, WISCONSIN
DRAWN BY: ED
DATE: 12/15/16
NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER
- SOIL BORING LOCATION - CITY OF MILWAUKEE LUST SITE
- FORMER MONITORING WELL LOCATION - CITY OF MILWAUKEE LUST SITE
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- WATER LINE
- SEWER LINE
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- BURIED ELECTRIC LINE
- OVERHEAD UTILITIES
- TELEPHONE/CABLE LINE
- UTILITY POLE
- STREET LIGHT
- FIRE HYDRANT
- SEWER MAN HOLE
- STORM DRAIN
SCALE:
1 INCH = 25 FEET
0
25
PARKING LOT
N TEUTONIA AVENUE
W ATKINSON AVENUE
N 24TH STREET
FORMER GAS STATION AND CLOSED LUST SITE
BRRTS# 03-41-542436
CITY OF MILWAUKEE
4227 N TEUTONIA AVENUE
MW1
MW2
MW3
MW4
MW5
B1
B2
B3
B4
B5
B6
B7
B8
2401
4239
4235
4231
4225
4221
RESIDENTIAL
SIDEWALK
GRASS
MW-6 657.37' MSL
657.50' MSL
FORMER GAS TANKS 1950 SANBORN MAP
G-4
G-12
G-13
G-14
G-15
G-16
657.71' MSL
MW-2
658.00' MSL
ASPHALT
G-2
G-20
G-10
MW-5 657.40' MSL
G-9
CONCRETE
G-19
656.90' MSL
MW-1
G-1
659.00' MSL
FORMER PUMP ISLANDS
G-6
G-5
658.50' MSL
AREA OF REMOVED LEADED GASOLINE USTS
MW-3
658.61' MSL
G-3
657.00' MSL
MW-4
656.99' MSL
G-11
G-7
G-8
CONCRETE
OLD HOIST PILLARS
FORMER ELLIS HAND CAR WASH 2335 W ATKINSON AVENUE
FENCE
G-18
G-17
GRASS MEDIAN
ALLEY
G-21
G-22

B.2.a. SOIL CONTAMINATION

ELLIS HAND CAR WASH

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

MILWAUKEE, WISCONSIN

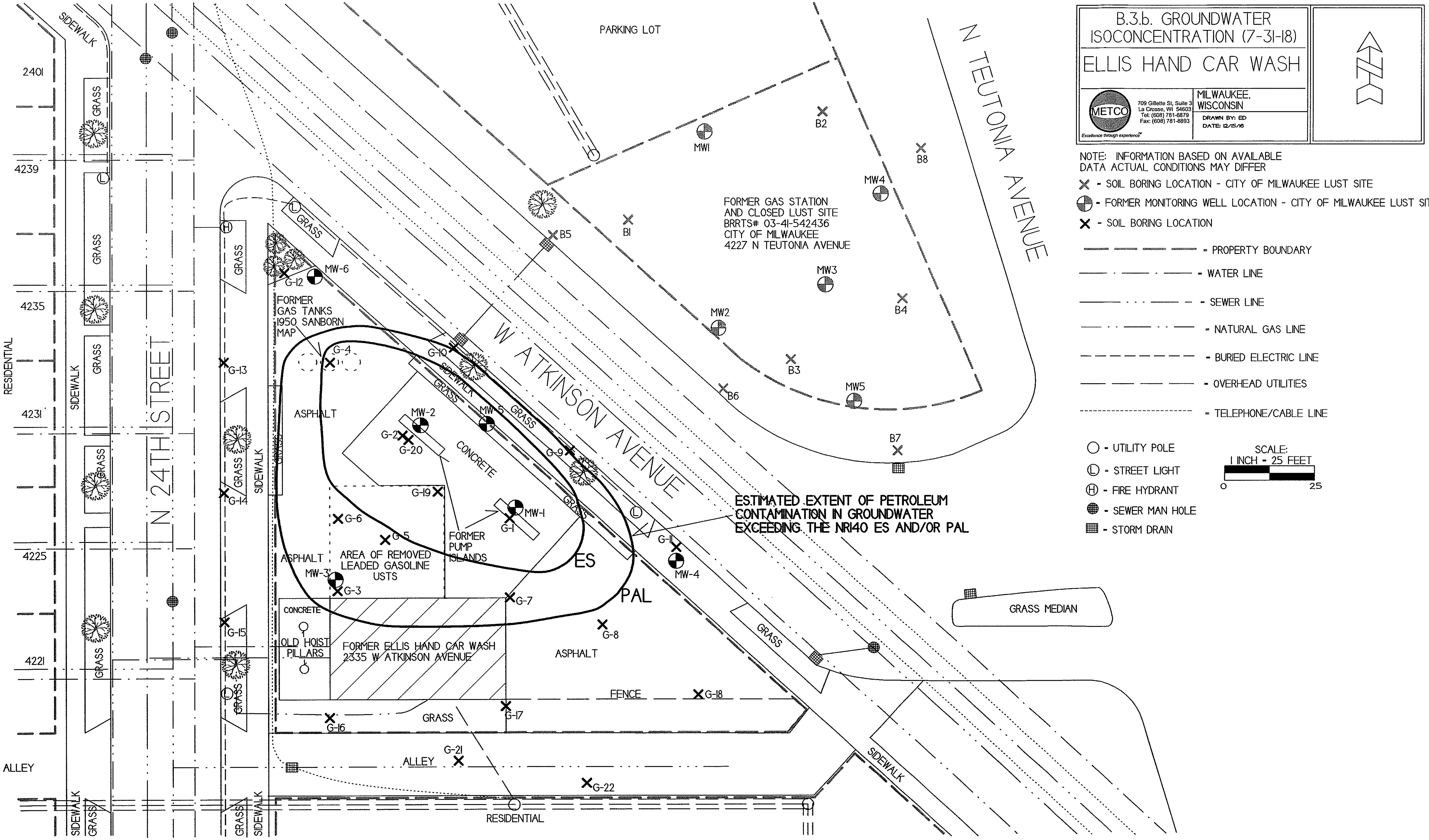
DRAWN BY: ED
DATE: 12/15/16

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ✕ - SOIL BORING LOCATION - CITY OF MILWAUKEE LUST SITE
- ◐ - FORMER MONITORING WELL LOCATION - CITY OF MILWAUKEE LUST SITE
- ✕ - SOIL BORING LOCATION
- PROPERTY BOUNDARY
- WATER LINE
- SEWER LINE
- NATURAL GAS LINE
- BURIED ELECTRIC LINE
- OVERHEAD UTILITIES
- TELEPHONE/CABLE LINE
- ESTIMATED EXTENT OF UNSATURATED SOIL CONTAMINATION EXCEEDING THE NR720 GROUNDWATER RCL VALUES. (LEAD ONLY)
- ○ - UTILITY POLE
- Ⓛ - STREET LIGHT
- Ⓗ - FIRE HYDRANT
- ● - SEWER MAN HOLE
- ▦ - STORM DRAIN

SCALE:
1 INCH = 25 FEET
0 25

PARKING LOT
SIDEWALK
2401
4239
4235
4231
4225
4221
GRASS
RESIDENTIAL
ALLEY
N 24TH STREET
W ATKINSON AVENUE
N TEUTONIA AVENUE
ASPHALT
CONCRETE
FENCE
GRASS MEDIAN
FORMER GAS STATION AND CLOSED LUST SITE
BRRTS# 03-41-542436
CITY OF MILWAUKEE
4227 N TEUTONIA AVENUE
FORMER GAS TANKS 1950 SANBORN MAP
AREA OF REMOVED LEADED GASOLINE USTS
FORMER PUMP ISLANDS
OLD HOIST PILLARS
FORMER ELLIS HAND CAR WASH
2335 W ATKINSON AVENUE
ESTIMATED EXTENT OF UNSATURATED SOIL CONTAMINATION EXCEEDING THE NON-INDUSTRIAL DIRECT CONTACT RCL VALUES.
ESTIMATED EXTENT OF UNSATURATED SOIL CONTAMINATION EXCEEDING THE NR720 GROUNDWATER RCL VALUES.
MW-1 MW-2 MW-3 MW-4 MW-5 MW-6
MW1 MW2 MW3 MW4 MW5
G-1 G-2 G-3 G-4 G-5 G-6 G-7 G-8 G-9 G-10 G-11 G-12 G-13 G-14 G-15 G-16 G-17 G-18 G-19 G-20 G-21 G-22
B1 B2 B3 B4 B5 B6 B7 B8


B.3.b. GROUNDWATER ISOCONCENTRATION (7-31-18)
ELLIS HAND CAR WASH
METCO
709 Gillette St, Suite 3 La Crosse, WI 54603 Tel: (608) 781-8879 Fax: (608) 781-8893
Excellence through experience
MILWAUKEE, WISCONSIN
DRAWN BY: ED
DATE: 12/15/16
NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER
- SOIL BORING LOCATION - CITY OF MILWAUKEE LUST SITE
- FORMER MONITORING WELL LOCATION - CITY OF MILWAUKEE LUST SITE
- SOIL BORING LOCATION
- PROPERTY BOUNDARY
- WATER LINE
- SEWER LINE
- NATURAL GAS LINE
- BURIED ELECTRIC LINE
- OVERHEAD UTILITIES
- TELEPHONE/CABLE LINE
- UTILITY POLE
- STREET LIGHT
- FIRE HYDRANT
- SEWER MAN HOLE
- STORM DRAIN
SCALE: 1 INCH = 25 FEET
0
25
PARKING LOT
N TEUTONIA AVENUE
W ATKINSON AVENUE
N 24TH STREET
FORMER GAS STATION AND CLOSED LUST SITE
BRRTS# 03-41-542436
CITY OF MILWAUKEE
4227 N TEUTONIA AVENUE
FORMER GAS TANKS 1950 SANBORN MAP
AREA OF REMOVED LEADED GASOLINE USTS
FORMER PUMP ISLANDS
FORMER ELLIS HAND CAR WASH 2335 W ATKINSON AVENUE
OLD HOIST PILLARS
ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 ES AND/OR PAL
ES
PAL
GRASS MEDIAN
RESIDENTIAL
ALLEY
FENCE
ASPHALT
CONCRETE
GRASS
SIDEWALK
2401
4239
4235
4231
4225
4221
MW1
MW2
MW3
MW4
MW5
B1
B2
B3
B4
B5
B6
B7
B8
MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
G-1
G-2
G-3
G-4
G-5
G-6
G-7
G-8
G-9
G-10
G-11
G-12
G-13
G-14
G-15
G-16
G-17
G-18
G-19
G-20
G-21
G-22

B.3.a.I. GEOLOGIC CROSS SECTION FIGURE

ELLIS HAND CAR WASH

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

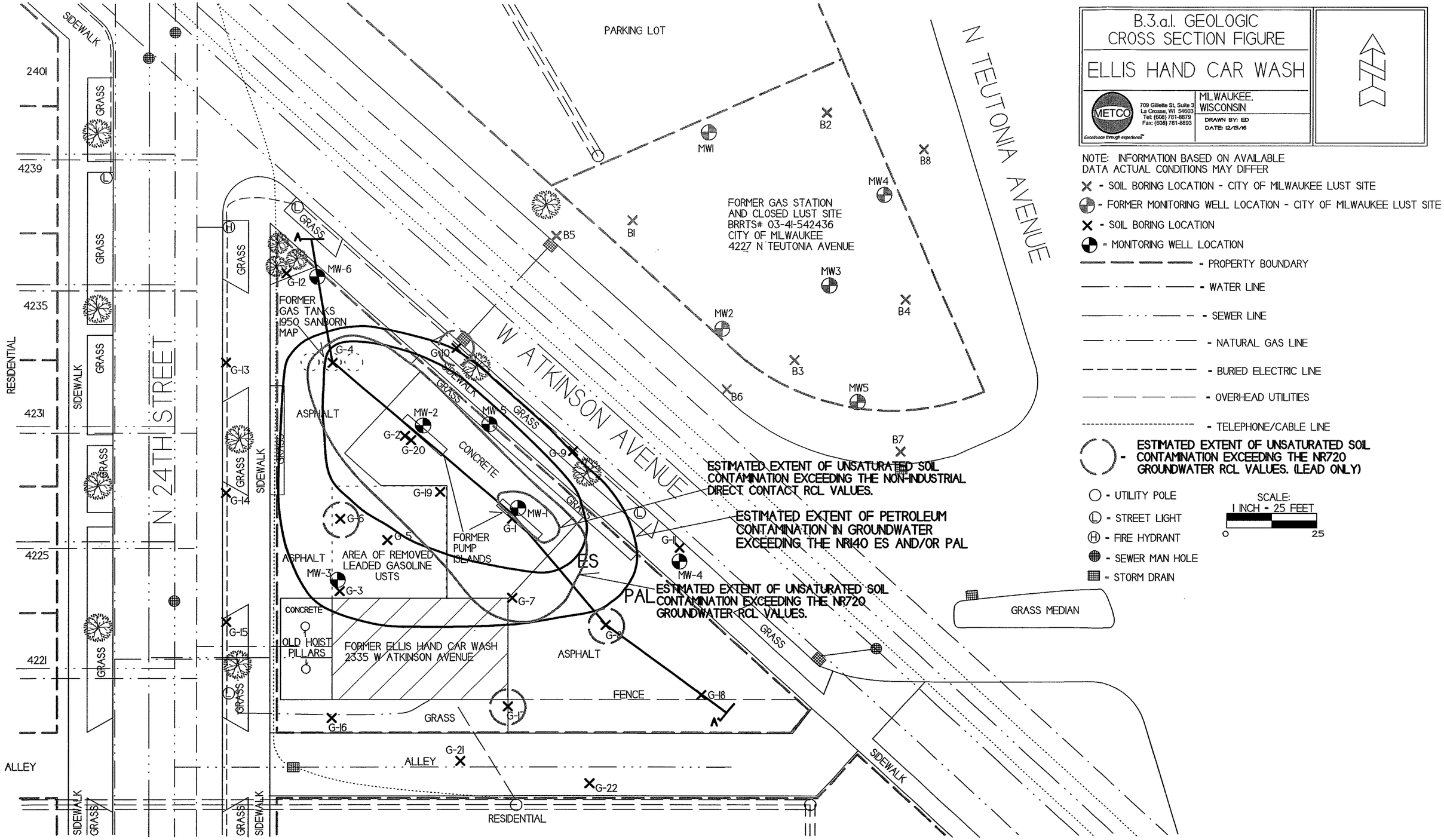
MILWAUKEE, WISCONSIN

DRAWN BY: ED
DATE: 12/15/16

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ✕ - SOIL BORING LOCATION - CITY OF MILWAUKEE LUST SITE
- ◐ - FORMER MONITORING WELL LOCATION - CITY OF MILWAUKEE LUST SITE
- ✕ - SOIL BORING LOCATION
- ◐ - MONITORING WELL LOCATION
- PROPERTY BOUNDARY
- WATER LINE
- SEWER LINE
- NATURAL GAS LINE
- BURIED ELECTRIC LINE
- OVERHEAD UTILITIES
- TELEPHONE/CABLE LINE
- ESTIMATED EXTENT OF UNSATURATED SOIL CONTAMINATION EXCEEDING THE NR720 GROUNDWATER RCL VALUES. (LEAD ONLY)
- ○ - UTILITY POLE
- Ⓛ - STREET LIGHT
- Ⓗ - FIRE HYDRANT
- ◍ - SEWER MAN HOLE
- ▦ - STORM DRAIN

SCALE:
1 INCH = 25 FEET
0 25



B.3.a.2. GEOLOGIC CROSS SECTION FIGURE (Close-Up)

ELLIS HAND CAR WASH

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

MILWAUKEE, WISCONSIN

DRAWN BY: ED
DATE: 12/15/16

FORMER GAS STATION
AND CLOSED LUST SITE
BRRTS# 03-41-542436
CITY OF MILWAUKEE
4227 N TEUTONIA AVENUE

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- X = SOIL BORING LOCATION - CITY OF MILWAUKEE LUST SITE
- = FORMER MONITORING WELL LOCATION - CITY OF MILWAUKEE LUST SITE
- X = SOIL BORING LOCATION
- = MONITORING WELL LOCATION
- = ESTIMATED EXTENT OF UNSATURATED SOIL CONTAMINATION EXCEEDING THE NR720 GROUNDWATER RCL VALUES. (LEAD ONLY)

ESTIMATED EXTENT OF UNSATURATED SOIL CONTAMINATION EXCEEDING THE NON-INDUSTRIAL DIRECT CONTACT RCL VALUES.

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 ES AND/OR PAL

ESTIMATED EXTENT OF UNSATURATED SOIL CONTAMINATION EXCEEDING THE NR720 GROUNDWATER RCL VALUES.

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

- = UTILITY POLE
- = STREET LIGHT
- = FIRE HYDRANT
- = SEWER MAN HOLE
- = STORM DRAIN

SCALE:
1 INCH = 20 FEET
0 20

N 24TH STREET
W ATKINSON AVENUE
GRASS
SIDEWALK
ASPHALT
CONCRETE
FENCE
ALLEY
FORMER GAS TANKS 1950 SANBORN MAP
FORMER PUMP ISLANDS
AREA OF REMOVED LEADED GASOLINE USTS
OLD HOIST PILLARS
FORMER ELLIS HAND CAR WASH
2335 W ATKINSON AVENUE
ES
PAL
MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
MW2
MW3
B1
B3
B5
B6
G-1
G-2
G-3
G-4
G-5
G-6
G-7
G-8
G-9
G-10
G-11
G-12
G-13
G-14
G-15
G-16
G-17
G-18
G-19
G-20
G-21
G-22

B.3.a.3 GEOLOGIC CROSS SECTION FIGURE

ELLIS HAND CAR WASH

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

MILWAUKEE. WISCONSIN

DRAWN BY: TW 9/24/18

INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

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

GROUNDWATER FLOW IS TOWARD THE NORTHEAST TO SOUTHEAST.

◒ = MONITORING WELL LOCATION
● = GEOPROBE BORING LOCATION
✕ = SOIL SAMPLING LOCATION
▼ = WATERTABLE BASED ON ALL TIME LOW MEASUREMENTS

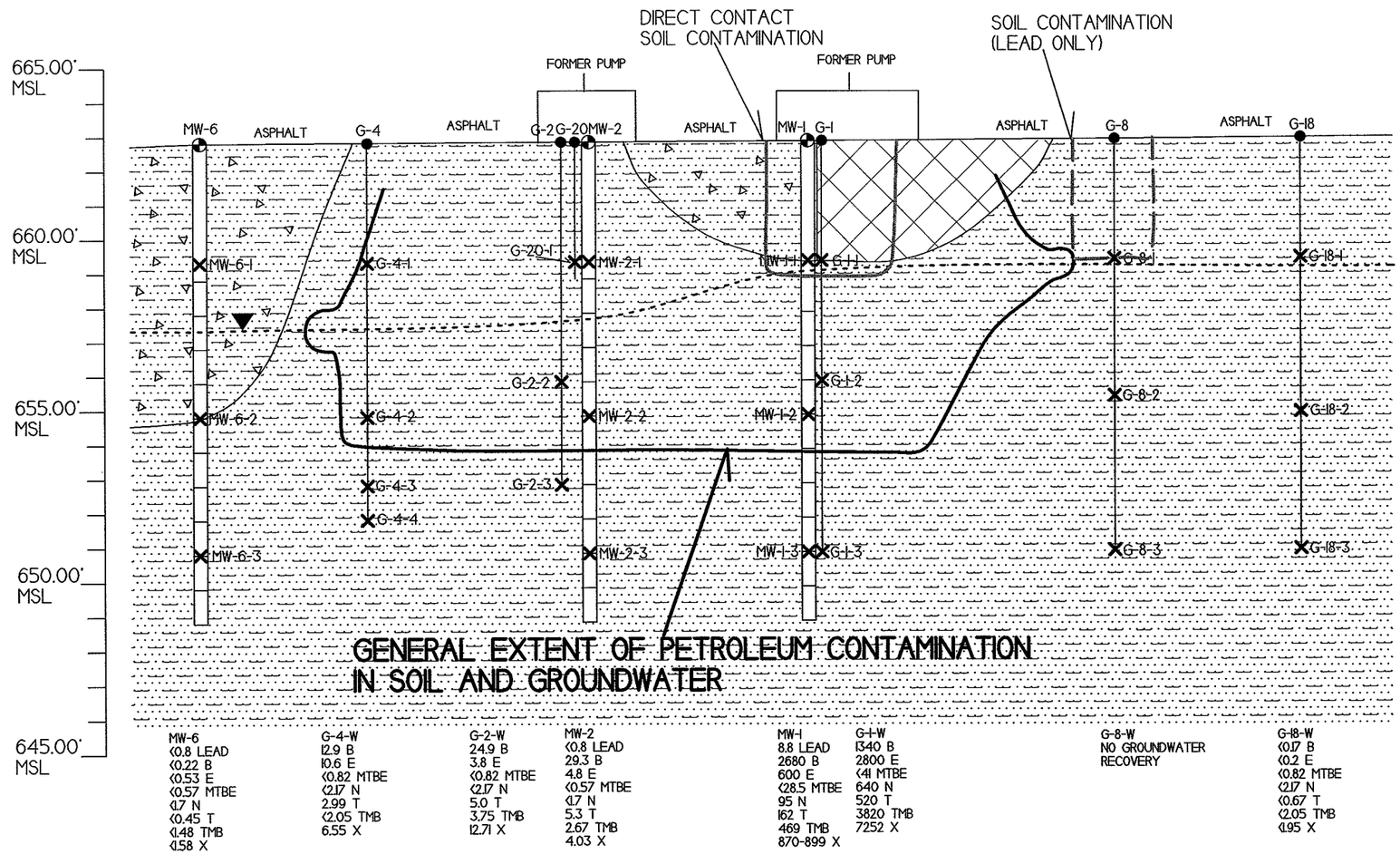
B = BENZENE
E = ETHYLBENZENE
MTBE = METHYL-TERT-BUTYL-ETHER
N = NAPHTHALENE
T = TOLUENE
TMB = TRIMETHYLBENZENE
X = XYLENE

NOTE: SOIL AND GROUNDWATER SAMPLE DATA IS BASED ON LABORATORY RESULTS FROM SAMPLES COLLECTED DURING THE FOLLOWING EVENTS:
- GEOPROBE PROJECT (8/1-2/2017)
- GEOPROBE/DRILLING PROJECT (3/14-15/2018)
- ROUND 2 GROUNDWATER SAMPLING (7/31/2018)

HORIZONTAL SCALE:
1 INCH = 20 FEET
0 20

VERTICAL SCALE:
1 INCH = 4 FEET
4 0

A SOUTHWEST — A' NORTHEAST



FILL MATERIAL

SANDY CLAY WITH GRAVEL

SANDY CLAY

MW-6	G-4-W	G-2-W	MW-2	MW-1	G-1-W	G-8-W	G-18-W
<0.8 LEAD	12.9 B	24.9 B	<0.8 LEAD	8.8 LEAD	1340 B	NO GROUNDWATER RECOVERY	<0.17 B
<0.22 B	10.6 E	3.8 E	29.3 B	2680 B	2800 E		<0.2 E
<0.53 E	<0.82 MTBE	<0.82 MTBE	4.8 E	600 E	<41 MTBE		<0.82 MTBE
<0.57 MTBE	<2.17 N	<2.17 N	<0.57 MTBE	<28.5 MTBE	640 N		<2.17 N
<1.7 N	2.99 T	5.0 T	<1.7 N	95 N	520 T		<0.67 T
<0.45 T	<2.05 TMB	3.75 TMB	5.3 T	162 T	3820 TMB		<2.05 TMB
<1.48 TMB	6.55 X	12.71 X	2.67 TMB	469 TMB	7252 X		<1.95 X
<1.58 X			4.03 X	870-899 X			

7.0 DATA TABLES, GRAPHS, AND STATISTICAL ANALYSIS

A.2 Soil Analytical Results Table
Ellis Hand Car Wash BRRTS #03-41-402801

																	DIRECT CONTACT PVOC & PAH COMBINED		
Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Benzene (ppm)	Ethyl Benzene (ppm)	MTBE (ppm)	Naph-thalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppb)	Exeedance Count	Hazard Index	Cumulative Cancer Risk
G-1A	REFUSAL AT 1.5'															NS			
G-1B	REFUSAL AT 2'															NS			
G-1-1	3.5	U	08/01/17	40	**112**	NS	NS	<0.025	<0.025	<0.025	0.035	<0.025	0.053	0.039	<0.075	NS	0	0.2805	6.3E-09
G-1-2	7.0	S	08/01/17	292	NS	NS	NS	**35**	**74**	<0.5	**25.7**	**9.2**	**159**	**58**	**256.3**	NS			
G-1-3	12.0	S	08/01/17	19	NOT SAMPLED											NS			
G-2-1	NO RECOVERY															NS			
G-2-2	7.0	S	08/01/17	132	NS	NS	NS	**0.138**	0.32	<0.025	0.305	<0.025	0.193	0.73	1.306	NS			
G-2-3	10.0	S	08/01/17	4.2	NOT SAMPLED											NS			
G-3-1	3.5	U	08/01/17	2.6	7.52	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
G-3-2	7.5	S	08/01/17	7.4	NS	NS	NS	<0.025	<0.025	<0.025	0.055	<0.025	0.035	0.0285	<0.075	NS			
G-3-3	12.0	S	08/01/17	3.1	NOT SAMPLED											NS			
G-4-1	3.5	U	08/01/17	6.3	**97.2**	NS	NS	**0.121**	0.063	<0.025	0.085	<0.025	0.056	0.106	0.195	NS	0	0.2453	9.9E-08
G-4-2	8.0	S	08/01/17	421	8.68	NS	NS	**0.045**	0.64	<0.05	**2.09**	<0.032	<0.025	<0.032	0.092-0.136	SEE VOC SHEET			
G-4-3	10.0	S	08/01/17	5.9	NOT SAMPLED											NS			
G-4-4	11.0	S	08/01/17	5.8	NOT SAMPLED											NS			
G-5-1	3.5	U	08/01/17	6.7	1.86	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
G-5-2	8.0	S	08/01/17	4.7	NOT SAMPLED											NS			
G-5-3	12.0	S	08/01/17	4.9	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-6-1	3.5	U	08/01/17	4.8	**54.6**	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.1365	
G-6-2	7.0	S	08/01/17	22	NS	NS	NS	**0.57**	0.080	<0.025	**0.95**	<0.025	0.148	0.296	0.594	NS			
G-6-3	12.0	S	08/01/17	4.7	NOT SAMPLED											NS			
G-7-1	3.5	U	08/01/17	2.5	18.5	NS	NS	**0.088**	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0008	5.5E-08
G-7-2	7.5	S	08/02/17	5.9	NS	NS	NS	<0.025	<0.025	<0.025	0.149	<0.025	0.052	0.0258	<0.075	NS			
G-7-3	12.0	S	08/02/17	1.4	NOT SAMPLED											NS			
G-8-1	3.5	U	08/02/17	2.9	**144.2**	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	0.044	0.0289	<0.075	NS	0	0.3605	
G-8-2	7.5	S	08/02/17	19	NS	NS	NS	<0.025	<0.025	<0.025	0.32	<0.025	0.035	0.079	0.034-0.084	NS			
G-8-3	12.0	S	08/02/17	3.2	NOT SAMPLED											NS			
G-9-1	3.5	U	08/02/17	2.5	8.74	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
G-9-2	7.0	S	08/02/17	2.5	NS	NS	NS	**0.107**	<0.025	<0.025	0.0306	<0.025	<0.025	<0.025	<0.075	NS			
G-9-3	12.0	S	08/02/17	3.1	NOT SAMPLED											NS			
G-10-1	3.5	U	08/02/17	2.7	**57.2**	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.1430	
G-10-2	7.5	S	08/02/17	9.0	NS	NS	NS	<0.025	0.106	<0.025	0.144	<0.025	0.080	0.194	0.200	NS			
G-10-3	12.0	S	08/02/17	4.1	NOT SAMPLED											NS			
G-11-1	3.5	U	08/02/17	3.2	NOT SAMPLED											NS	0		
G-11-2	8.0	S	08/02/17	3.2	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-11-3	12.0	S	08/02/17	2.4	NOT SAMPLED											NS			
G-12-1	3.5	U	08/02/17	3.7	25.6	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
G-12-2	8.0	S	08/02/17	4.2	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-12-3	12.0	S	08/02/17	2.6	NOT SAMPLED											NS			
G-13-1	3.5	U	08/02/17	3.1	17.0	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
G-13-2	8.0	S	08/02/17	3.1	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-13-3	11.0	S	08/02/17	2.5	NOT SAMPLED											NS			
G-14-1	3.5	U	08/02/17	4.9	21.1	NS	NS	<0.025	<0.025	<0.025	0.111	<0.025	0.034	<0.025	0.060-0.110	NS	0	0.0008	2.0E-08
G-14-2	8.0	S	08/02/17	3.0	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G14-3	12.0	S	08/02/17	3.7	NOT SAMPLED											NS			
G-15-1	3.5	U	08/02/17	3.1	NOT SAMPLED											NS	0		
G-15-2	8.0	S	08/02/17	3.7	NOT SAMPLED											NS			
G-15-3	12.0	S	08/02/17	3.4	NOT SAMPLED											NS			
G-16-1	3.5	U	08/02/17	4.4	NOT SAMPLED											NS	0		
G-16-2	8.0	S	08/02/17	4.4	NOT SAMPLED											NS			
G-16-3	12.0	S	08/02/17	4.1	NOT SAMPLED											NS			
G-17-1	3.5	U	08/02/17	25.0	**199**	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.041	<0.075	NS	0	0.4976	
G-17-2	7.0	S	08/02/17	47.0	NS	NS	NS	<0.05	0.073	<0.05	**1.52**	<0.05	0.145	0.42	0.258	NS			
G-17-3	12.0	S	08/02/17	4.2	NOT SAMPLED											NS			
G-18-1	3.5	U	08/02/17	2.7	NOT SAMPLED											NS	0		
G-18-2	8.0	S	08/02/17	2.7	NOT SAMPLED											NS			
G-18-3	12.0	S	08/02/17	3.5	NOT SAMPLED											NS			
G-19-1	3.5	U	08/02/17	5.9	**30.9**	NS	NS	**0.0286**	<0.025	<0.025	<0.025	<0.025	<0.025	0.0274	0.067-0.192	NS	0	0.0004	1.8E-08
G-19-2	7.0	S	08/02/17	103.0	NS	NS	NS	**7.9**	0.45	<0.125	**0.71**	0.292	<0.125	0.89	1.55-1.675	NS			
G-19-3	12.0	S	08/02/17	7.5	NOT SAMPLED											NS			
G-20-1	3.5	U	08/02/17	10.0	7.31	NS	NS	**0.95**	0.169	<0.025	0.073	<0.025	0.218	0.289	1.333	NS	0	0.0125	6.3E07
G-21-1	3.5	U	08/02/17	2.9	NOT SAMPLED											NS	0		
G-21-2	8.0	S	08/02/17	3.1	NOT SAMPLED											NS			
G-21-3	12.0	S	08/02/17	3.7	NOT SAMPLED											NS			
G-22-1	3.5	U	08/02/17	3.6	NOT SAMPLED											NS	0		
G-22-2	8.0	S	08/02/17	4.1	NOT SAMPLED											NS			
G-22-3	12.0	S	08/02/17	4.0	NOT SAMPLED											NS			
Groundwater RCL					**27**	-	-	**0.00512**	**1.57**	**0.027**	**0.658**	**1.1**	**1.38**		**3.96**	-		1.00E+00	1.00E-05
Non-Industrial Direct Contact RCL					**400**	-	-	**1.6**	**8.02**	**63.8**	**5.5**	**818**	**219**	**182**	**258**	-		1.00E+00	1.00E-05
Industrial Direct Contact RCL					**(800)**	-	-	**(7.07)**	**(35.4)**	**(282)**	**(24.1)**	**(818)**	**(219)**	**(182)**	**(258)**	-		1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	-	**1820***	**480***	**8870***	-	**818***	**219***	**182***	**258***	-			

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance
Bold & Asteric * = C-sat Exceedance
Italics = Industrial Direct Contact RCL
NS = Not Sampled
(ppm) = parts per million
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
PID = Photoionization Detector
PVOC's = Petroleum Volatile Organic Compounds
VOC's = Volatile Organic Compounds
Note: Non-Industrial RCLs apply to this site.

NM = Not Measured
ND = No Detects

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

A.2 Soil Analytical Results Table
Ellis Hand Car Wash BRRTS #03-41-402801

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Benzene (ppm)	Ethyl Benzene (ppm)	MTBE (ppm)	Naph-thalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppb)	DIRECT CONTACT PVOC & PAH COMBINED: Exeedance Count	Hazard Index	Cumulative Cancer Risk
MW-4-1	3.5	U	03/14/18	0.5	NOT SAMPLED												0		
MW-4-2					NO RECOVERY														
MW-4-3	12	S	03/14/18	1.8	NOT SAMPLED														
MW-5-1	3.5	U	03/14/18	0.8	NOT SAMPLED												0		
MW-5-2	8	S	03/14/18	11.9	NS	NS	NS	**0.179**	0.054	<0.025	0.071	0.055	0.060	0.123	0.122	NS			
MW-5-3	12	S	03/14/18	0.6	NOT SAMPLED														
MW-6-1	3.5	U	03/14/18	0.7	NOT SAMPLED												0		
MW-6-2	8	S	03/14/18	1.0	NOT SAMPLED														
MW-6-3	12	S	03/14/18	0.6	NOT SAMPLED														
MW-1-1	3.5	U	03/15/18	482	NS	NS	NS	**(33)**	**(86)**	<1.25	**(36)**	**13.9**	**183**	**61**	**(304.2)***	NS	**4**	1.5797	3.8E-05
MW-1-2	8	S	03/15/18	133	NS	NS	NS	**5.0**	0.70	<0.25	0.44	0.48	0.297	0.54	3.4-3.65	NS			
MW-1-3	12	S	03/15/18	56	NS	NS	NS	<0.025	0.0255	<0.025	0.0293	<0.025	0.050	0.0294	0.099-0.124	NS			
MW-2-1	3.5	U	03/15/18	149	NS	NS	NS	**1.42**	0.32	<0.025	**2.36**	0.253	0.26	0.41	1.215	NS	0	0.0304	1.4E-06
MW-2-2	8	S	03/15/18	61	NS	NS	NS	**0.035**	0.0308	<0.025	0.038	0.051	0.044	0.038	0.0287-0.0787	NS			
MW-2-3	12	S	03/15/18	10.6	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
MW-3-1	3.5	U	03/15/18	2.4	NOT SAMPLED												0		
MW-3-2	8	S	03/15/18	111	NOT SAMPLED														
MW-3-3	12	S	03/15/18	6.6	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
DRUM COMPOSITE			03/15/18	NS	NS	NS	92	NOT SAMPLED								TCLP Lead <0.1 TCLP Benzene <0.05			
Groundwater RCL					**27**	-	-	**0.00512**	**1.57**	**0.027**	**0.658**	**1.1**	**1.38**		**3.96**	-			
Non-Industrial Direct Contact RCL					**400**	-	-	**1.6**	**8.02**	**63.8**	**5.5**	**818**	**219**	**182**	**258**	-		1.00E+00	1.00E-05
Industrial Direct Contact RCL					**(800)**	-	-	**(7.07)**	**(35.4)**	**(282)**	**(24.1)**	**(818)**	**(219)**	**(182)**	**(258)**	-		1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	-	**1820***	**480***	**8870***	-	**818***	**219***	**182***	**258***	-			

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance
Bold & Asteric * = C-sat Exceedance
Italics = Industrial Direct Contact RCL
NS = Not Sampled
(ppm) = parts per million
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
PID = Photoionization Detector
PVOC's = Petroleum Volatile Organic Compounds
VOC's = Volatile Organic Compounds
Note: Non-Industrial RCLs apply to this site.

NM = Not Measured
ND = No Detects

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

A.2 Soil Analytical Results Table
Ellis Hand Car Wash BRRTS #03-41-402801

Sampling Conducted on August 1, 2017

VOC's		Bold = Groundwater RCL	Underline & Bold = Non-Industrial Direct Contact RCL	(Parenthesis & Bold) = Industrial Direct Contact RCL	Asteric * & Bold =Soil Saturation (C-sat) RCL
Sample ID#	G-4-2				
Sample Depth/ft.	8				
Solids Percent	86.2				
Lead/ppm	8.68	27	400	(800)	= =
Benzene/ppm	0.045 "J"	0.00512	1.6	(7.07)	1820*
Bromobenzene/ppm	< 0.025	= =	342	(679)	= =
Bromodichloromethane/ppm	< 0.074	0.000326	0.418	(1.83)	= =
Bromoform/ppm	< 0.029	0.00233	25.4	(113)	= =
tert-Butylbenzene/ppm	0.041 "J"	= =	183	(183)	183*
sec-Butylbenzene/ppm	0.42	= =	145	(145)	145*
n-Butylbenzene/ppm	1.04	= =	108	(108)	108*
Carbon Tetrachloride/ppm	< 0.016	0.00388	0.916	(4.03)	= =
Chlorobenzene/ppm	< 0.013	= =	370	(761)	761*
Chloroethane/ppm	< 0.091	0.227	= =	= =	= =
Chloroform/ppm	< 0.035	0.0033	0.454	(1.98)	= =
Chloromethane/ppm	< 0.076	0.0155	159	(669)	= =
2-Chlorotoluene/ppm	< 0.015	= =	= =	= =	= =
4-Chlorotoluene/ppm	< 0.018	= =	= =	= =	= =
1,2-Dibromo-3-chloropropane/ppm	< 0.058	0.000173	0.008	(0.092)	= =
Dibromochloromethane/ppm	< 0.025	0.032	8.28	(38.9)	= =
1,4-Dichlorobenzene/ppm	< 0.037	0.144	3.74	(16.4)	= =
1,3-Dichlorobenzene/ppm	< 0.037	1.1528	297	(193)	297*
1,2-Dichlorobenzene/ppm	< 0.028	1.168	376	(376)	376*
Dichlorodifluoromethane/ppm	< 0.048	3.0863	126	(530)	= =
1,2-Dichloroethane/ppm	< 0.038	0.00284	0.652	(2.87)	540*
1,1-Dichloroethane/ppm	< 0.034	0.4834	5.06	(22.2)	= =
1,1-Dichloroethene/ppm	< 0.022	0.00502	320	(1190)	1190*
cis-1,2-Dichloroethene/ppm	< 0.032	0.0412	156	(2340)	= =
trans-1,2-Dichloroethene/ppm	< 0.028	0.626	1560	(1850)	= =
1,2-Dichloropropane/ppm	< 0.035	0.00332	0.406	(1.78)	= =
1,3-Dichloropropane/ppm	< 0.025	= =	1490	(1490)	1490*
trans-1,3-Dichloropropene/ppm	< 0.022		1510	(1510)	= =
cis-1,3-Dichloropropene/ppm	< 0.039	0.001	1210	(1210)	= =
Di-isopropyl ether/ppm	< 0.01	= =	2260	(2260)	2260*
EDB (1,2-Dibromoethane)/ppm	< 0.023	0.0000282	0.05	(0.221)	= =
Ethylbenzene/ppm	0.64	1.57	8.02	(35.4)	480*
Hexachlorobutadiene/ppm	< 0.085	= =	1.63	(7.19)	= =
Isopropylbenzene/ppm	0.94	= =	= =	= =	= =
p-Isopropyltoluene/ppm	0.6	= =	162	(162)	162*
Methylene chloride/ppm	< 0.15	0.00256	61.8	(1150)	= =
Methyl tert-butyl ether (MTBE)/ppm	< 0.05	0.027	63.8	(282)	8870*
Naphthalene/ppm	2.09	0.6582	5.52	(24.1)	= =
n-Propylbenzene/ppm	1.9	= =	= =	= =	= =
1,1,2,2-Tetrachloroethane/ppm	< 0.028	0.000156	0.81	(3.6)	= =
1,1,1,2-Tetrachloroethane/ppm	< 0.028	0.0534	2.78	(12.3)	= =
Tetrachloroethene (PCE)/ppm	< 0.032	0.00454	33	(145)	= =
Toluene/ppm	< 0.032	1.11	818	(818)	818*
1,2,4-Trichlorobenzene/ppm	< 0.064	0.408	24	(113)	= =
1,2,3-Trichlorobenzene/ppm	< 0.066	= =	62.6	(934)	= =
1,1,1-Trichloroethane/ppm	< 0.03	0.1402	= =	= =	= =
1,1,2-Trichloroethane/ppm	< 0.033	0.00324	1.59	(7.01)	= =
Trichloroethene (TCE)/ppm	< 0.041	0.00358	1.3	(8.41)	= =
Trichlorofluoromethane/ppm	< 0.041	2.2387	1230	(1230)	1230*
1,2,4-Trimethylbenzene/ppm	< 0.025	1.38	219	(219)	219*
1,3,5-Trimethylbenzene/ppm	< 0.032		182	(182)	182*
Vinyl Chloride/ppm	< 0.019	0.000138	0.07	(2.08)	= =
m&p-Xylene/ppm	0.092 "J"	3.96	260	(260)	258*
o-Xylene/ppm	< 0.044				

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

Note: Non-Industrial RCLs apply to this site.

A.1 Groundwater Analytical Table
(Geoprobe)
Ellis Hand Car Wash BRRTS #03-41-402801

Sample ID	Date	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
G-1-W	8/1/2017	**1340**	**2800**	<41	**640**	*520*	**3820**	**7252**
G-2-W	8/1/2017	**24.9**	3.8	<0.82	<2.17	5.0	3.75	12.71
G-3-W	8/1/2017	*3.3*	6.2	<0.82	<2.17	1.27	<2.05	3.8-4.19
G-4-W	8/1/2017	**12.9**	10.6	<0.82	<2.17	2.99	<2.05	6.55
G-5-W	8/1/2017	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-6-W	8/1/2017	<1.7	<2	<8.2	<21.7	<6.7	<20.5	<19.5
G-7-W	8/2/2017	0.29	<0.2	<0.82	<2.17	<0.67	<2.05	0.5-2.06
G-9-W	8/2/2017	0.35	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-14-W	8/2/2017	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-15-W	8/2/2017	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-16-W	8/2/2017	0.19	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-17-W	8/2/2017	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-18-W	8/2/2017	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-21-W	8/2/2017	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-22-W	8/2/2017	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
ENFORCE MENT STANDARD ES = Bold		**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT PAL = Italics		*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
Ellis Hand Car Wash BRRTS #03-41-402801

Well Sampling Conducted on:	05/07/18	05/07/18	05/07/18	05/07/18	05/07/18	05/07/18		
VOC's							**ENFORCEMENT STANDARD = ES – Bold**	***PREVENTIVE ACTION LIMIT = PAL - Italics***
Well Name	**MW-1**	**MW-2**	**MW-3**	**MW-4**	**MW-5**	**MW-6**		
Lead, dissolved/ppb	*6.6*	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	**15**	*1.5*
Benzene/ppb	**2970**	**7.8**	< 0.22	< 0.22	0.35 "J"	< 0.22	**5**	*0.5*
Bromobenzene/ppb	< 4.4	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	==	==
Bromodichloromethane/ppb	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	**0.6**	*0.06*
Bromoform/ppb	< 4.5	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	**4.4**	*0.44*
tert-Butylbenzene/ppb	< 2.5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	==	==
sec-Butylbenzene/ppb	< 7.9	1.06 "J"	< 0.79	< 0.79	< 0.79	< 0.79	==	==
n-Butylbenzene/ppb	21.8 "J"	1.21 "J"	< 0.71	< 0.71	< 0.71	< 0.71	==	==
Carbon Tetrachloride/ppb	< 3.1	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	**5**	*0.5*
Chlorobenzene/ppb	< 2.6	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	==	==
Chloroethane/ppb	< 6.1	< 0.61	< 0.61	< 0.61	< 0.61	< 0.61	**400**	*80*
Chloroform/ppb	< 2.6	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	**6**	*0.6*
Chloromethane/ppb	< 5.4	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	**30**	*3*
2-Chlorotoluene/ppb	< 3.1	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	==	==
4-Chlorotoluene/ppb	< 2.6	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	==	==
1,2-Dibromo-3-chloropropane/ppb	< 29.6	< 2.96	< 2.96	< 2.96	< 2.96	< 2.96	**0.2**	*0.02*
Dibromochloromethane/ppb	< 2.2	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	**60**	*6*
1,4-Dichlorobenzene/ppb	< 7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	**75**	*15*
1,3-Dichlorobenzene/ppb	< 8.5	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	**600**	*120*
1,2-Dichlorobenzene/ppb	< 8.6	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86	**600**	*60*
Dichlorodifluoromethane/ppb	< 3.2	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	**1000**	*200*
1,2-Dichloroethane/ppb	< 2.5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	**5**	*0.5*
1,1-Dichloroethane/ppb	< 3.6	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	**850**	*85*
1,1-Dichloroethene/ppb	< 4.2	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	**7**	*0.7*
cis-1,2-Dichloroethene/ppb	< 3.7	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	**70**	*7*
trans-1,2-Dichloroethene/ppb	< 3.4	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	**100**	*20*
1,2-Dichloropropane/ppb	< 4.4	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	**5**	*0.5*
1,3-Dichloropropane/ppb	< 3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	==	==
trans-1,3-Dichloropropene/ppb	< 3.2	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	**0.4**	*0.04*
cis-1,3-Dichloropropene/ppb	< 2.6	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26		
Di-isopropyl ether/ppb	< 2.1	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	==	==
EDB (1,2-Dibromoethane)/ppb	< 3.4	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	**0.05**	*0.005*
Ethylbenzene/ppb	**820**	1.31	< 0.26	< 0.26	< 0.26	< 0.26	**700**	*140*
Hexachlorobutadiene/ppb	< 13.4	< 1.34	< 1.34	< 1.34	< 1.34	< 1.34	==	==
Isopropylbenzene/ppb	22.2 "J"	7.7	< 0.78	< 0.78	< 0.78	< 0.78	==	==
p-Isopropyltoluene/ppb	2.7 "J"	1.31	< 0.24	< 0.24	< 0.24	< 0.24	==	==
Methylene chloride/ppb	< 13	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	**5**	*0.5*
Methyl tert-butyl ether (MTBE)/ppb	< 2.8	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	**60**	*12*
Naphthalene/ppb	**110**	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	**100**	*10*
n-Propylbenzene/ppb	66	10.3	< 0.61	< 0.61	< 0.61	< 0.61	==	==
1,1,2,2-Tetrachloroethane/ppb	< 3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	**0.2**	*0.02*
1,1,1,2-Tetrachloroethane/ppb	< 3.5	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	**70**	*7*
Tetrachloroethene (PCE)/ppb	< 3.8	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	**5**	*0.5*
Toluene/ppb	*330*	1.26	< 0.19	< 0.19	< 0.19	< 0.19	**800**	*160*
1,2,4-Trichlorobenzene/ppb	< 11.5	< 1.15	< 1.15	< 1.15	< 1.15	< 1.15	**70**	*14*
1,2,3-Trichlorobenzene/ppb	< 17.1	< 1.71	< 1.71	< 1.71	< 1.71	< 1.71	==	==
1,1,1-Trichloroethane/ppb	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	**200**	*40*
1,1,2-Trichloroethane/ppb	< 4.2	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	**5**	*0.5*
Trichloroethene (TCE)/ppb	< 3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	**5**	*0.5*
Trichlorofluoromethane/ppb	< 3.5	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	==	==
1,2,4-Trimethylbenzene/ppb	**810**	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	**Total TMB's 480**	*Total TMB's 96*
1,3,5-Trimethylbenzene/ppb	**255**	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63		
Vinyl Chloride/ppb	< 2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	**0.2**	*0.02*
m&p-Xylene/ppb	**3060**	1.62	< 0.43	< 0.43	< 0.43	< 0.43	**Total Xylenes 2000**	*Total Xylenes 400*
o-Xylene/ppb	**144**	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29		

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

A.1 Groundwater Analytical Table
Ellis Hand Car Wash BRRTS #03-41-402801

Well MW-1
PVC Elevation = 662.44 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/07/18	659.20	3.24	*6.6*	**2970**	**820**	<2.8	**110**	*330*	**1065**	**3204**
07/31/18	659.07	3.37	*8.8*	**2680**	*600*	<28.5	*95*	*162*	**469**	**870-899**
ENFORCEMENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
NS = not sampled NM = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-2
PVC Elevation = 662.35 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/07/18	657.99	4.36	<0.9	**7.8**	1.31	<0.28	<2.1	1.26	<1.43	1.62-1.91
07/31/18	657.71	4.64	<0.8	**29.3**	4.8	<0.57	<1.7	5.3	2.67	4.03
ENFORCEMENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
NS = not sampled NM = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-3
PVC Elevation = 662.06 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/07/18	658.87	3.19	<0.9	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
07/31/18	658.61	3.45	<0.8	*3.4*	1.42	<0.57	<1.7	0.56	<1.48	<1.58
ENFORCEMENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
NS = not sampled NM = not measured
Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
Ellis Hand Car Wash BRRTS #03-41-402801

Well MW-4
PVC Elevation = 662.47 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/07/18	656.90	5.57	<0.9	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
07/31/18	656.99	5.48	<0.8	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
ENFORCEMENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*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 = 662.83 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/07/18	657.64	5.19	<0.9	0.35	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
07/31/18	657.40	5.43	<0.8	**9.9**	<0.53	<0.57	<1.7	0.47	<1.48	<1.58
ENFORCEMENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
NS = not sampled NM = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-6
PVC Elevation = 662.40 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/07/18	655.95	6.45	<0.9	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
07/31/18	657.37	5.03	<0.8	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
ENFORCEMENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
NS = not sampled NM = not measured
Note: Elevations are presented in feet mean sea level (msl).

A.6 Water Level Elevations
Ellis Hand Car Wash BRRTS #03-41-402801
West Allis, Wisconsin

	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
Ground Surface (feet msl)	662.87	662.83	662.43	662.76	663.12	662.78
PVC top (feet msl)	662.44	662.35	662.06	662.47	662.83	662.40
Well Depth (feet)	14.00	14.00	14.00	14.00	14.00	14.00
Top of screen (feet msl)	658.87	658.83	658.43	658.76	659.12	658.78
Bottom of screen (feet msl)	648.87	648.83	648.43	648.76	649.12	648.78
Depth to Water From Top of PVC (feet)						
05/07/18	3.24	4.36	3.19	5.57	5.19	6.45
07/31/18	3.37	4.64	3.45	5.48	5.43	5.03
Depth to Water From Ground Surface (feet)						
05/07/18	3.67	4.84	3.56	5.86	5.48	6.83
07/31/18	3.80	5.12	3.82	5.77	5.72	5.41
Groundwater Elevation (feet msl)						
05/07/18	659.20	657.99	658.87	656.90	657.64	655.95
07/31/18	659.07	657.71	658.61	656.99	657.40	657.37

CNL = Could Not Locate
A = Abandoned and removed during soil excavation project
NI = Not Installed
NM = Not Measured

A.7 Other
Groundwater NA Indicator Results
Ellis Hand Car Wash BRRTS #03-41-402801

Well MW-1

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
05/07/18	0.35	7.20	186	10.2	664	<0.36	34.0	0.04	**1800**
07/31/18	2.56	7.12	55.1	23.2	1288	NS	NS	NS	NS
ENFORCEMENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

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

Well MW-2

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
05/07/18	0.60	7.29	202	10.6	0.80	<0.036	106	0.04	**1120**
07/31/18	2.75	7.02	59.1	20.1	1228	NS	NS	NS	NS
ENFORCEMENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

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

Well MW-3

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
05/07/18	4.01	7.36	211	8.4	0.80	<0.36	52.6	<0.03	**1310**
07/31/18	2.73	7.07	58.0	22.5	1350	NS	NS	NS	NS
ENFORCEMENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

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

Well MW-4

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
05/07/18	16.60	7.42	195	9.9	994	<0.36	132	0.15	**876**
07/31/18	2.62	6.79	57.7	20.80	2331	NS	NS	NS	NS
ENFORCEMENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

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

A.7 Other
Groundwater NA Indicator Results
Ellis Hand Car Wash BRRTS #03-41-402801

Well MW-5

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
05/07/18	2.04	7.27	239	8.9	0.70	0.59	69.9	<0.03	**1590**
07/31/18	2.88	7.01	58.3	18.00	1529	NS	NS	NS	NS
ENFORCEMENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

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

Well MW-6

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
05/07/18	6.20	7.38	224	9.3	0.90	<0.36	124	<0.03	**1270**
07/31/18	2.70	6.70	58.1	20.23	1628	NS	NS	NS	NS
ENFORCEMENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

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

8.0 SITE PHOTOGRAPHS

Photos

Photo #1: Looking northeast.

Photo #2: Looking northwest.

Photo #3: Looking south.

Photo #4: Looking southwest.

APPENDIX A/ METHODS OF INVESTIGATION

Site Investigation Report - METCO
Ellis Hand Car Wash

Geoprobe Project

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

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

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

Geoprobe Soil Sampling

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

Geoprobe Groundwater Sampling

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

Drilling Project

Soil borings were conducted by Soils & Engineering, Inc. of Madison, Wisconsin, under the supervision of METCO personnel. Using a truck-mounted auger drill rig, all borings were completed in accordance with ASTM D-1452, "Soil Investigation and Sampling by Auger Boring," using 4.25-inch, inside-diameter (ID) augers. Soil sampling was conducted using a Geoprobe.

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 Soils & Engineering, 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. Fifteen-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.

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 D.

Field Sampling and Transportation Quality Control

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

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

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

Laboratory Quality Control

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

Investigative Wastes

On May 21, 2018, DKS Transport Services, LLC picked up and properly disposed of six drums of soil cuttings 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

DONALD MILLER
NEW HOPE BAPTIST CHURCH
2433 W. ROOSEVELT DRIVE
MILWAUKEE, WI 53209

Report Date *17-Aug-17*

Project Name ELLIS HAND CAR WASH **Invoice #** E33356
Project #

Lab Code 5033356A
Sample ID METH BLANK
Sample Matrix Soil
Sample Date 8/1/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		8/8/2017	TCC	I
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/8/2017	TCC	I
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/8/2017	TCC	I
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		8/8/2017	TCC	I
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/8/2017	TCC	I
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/8/2017	TCC	I
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		8/8/2017	TCC	I
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		8/8/2017	TCC	I
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		8/8/2017	TCC	I

Project Name ELLIS HAND CAR WASH **Invoice #** E33356
Project #

Lab Code 5033356B
Sample ID G-1-1
Sample Matrix Soil
Sample Date 8/1/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent	95.2		%			1	5021		8/4/2017	NJC	1
Inorganic											
Metals											
Lead, Total	112		mg/Kg	0.34	1.16	2	6010B		8/10/2017	CWT	1 49
Organic											
PVOC + Naphthalene											
Benzene		< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		8/9/2017	TCC	1
Ethylbenzene		< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	1
Methyl tert-butyl ether (MTBE)		< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/9/2017	TCC	1
Naphthalene	0.035 "J"		mg/kg	0.022	0.07	1	GRO95/8021		8/9/2017	TCC	1
Toluene		< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/9/2017	TCC	1
1,2,4-Trimethylbenzene	0.053		mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	1
1,3,5-Trimethylbenzene	0.039		mg/kg	0.011	0.036	1	GRO95/8021		8/9/2017	TCC	1
m&p-Xylene		< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		8/9/2017	TCC	1
o-Xylene		< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		8/9/2017	TCC	1

Lab Code 5033356C
Sample ID G-1-2
Sample Matrix Soil
Sample Date 8/1/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent	79.3		%			1	5021		8/4/2017	NJC	1
Organic											
PVOC + Naphthalene											
Benzene	35		mg/kg	0.38	1.2	20	GRO95/8021		8/9/2017	TCC	1
Ethylbenzene	74		mg/kg	0.2	0.64	20	GRO95/8021		8/9/2017	TCC	1
Methyl tert-butyl ether (MTBE)		< 0.5	mg/kg	0.158	0.5	20	GRO95/8021		8/9/2017	TCC	1
Naphthalene	25.7		mg/kg	0.44	1.4	20	GRO95/8021		8/9/2017	TCC	1
Toluene	9.2		mg/kg	0.28	0.92	20	GRO95/8021		8/9/2017	TCC	1
1,2,4-Trimethylbenzene	159		mg/kg	0.2	0.64	20	GRO95/8021		8/9/2017	TCC	1
1,3,5-Trimethylbenzene	58		mg/kg	0.22	0.72	20	GRO95/8021		8/9/2017	TCC	1
m&p-Xylene	249		mg/kg	0.24	0.74	20	GRO95/8021		8/9/2017	TCC	1
o-Xylene	7.3		mg/kg	0.3	0.94	20	GRO95/8021		8/9/2017	TCC	1

Project Name ELLIS HAND CAR WASH **Invoice #** E33356
Project #

Lab Code 5033356D
Sample ID G-2-2
Sample Matrix Soil
Sample Date 8/1/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent	81.9		%			1	5021		8/4/2017	NJC	1
Organic											
PVOC + Naphthalene											
Benzene	0.138		mg/kg	0.019	0.06	1	GRO95/8021		8/8/2017	TCC	1
Ethylbenzene	0.32		mg/kg	0.01	0.032	1	GRO95/8021		8/8/2017	TCC	1
Methyl tert-butyl ether (MTBE)		< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/8/2017	TCC	1
Naphthalene	0.305		mg/kg	0.022	0.07	1	GRO95/8021		8/8/2017	TCC	1
Toluene		< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/8/2017	TCC	1
1,2,4-Trimethylbenzene	0.193		mg/kg	0.01	0.032	1	GRO95/8021		8/8/2017	TCC	1
1,3,5-Trimethylbenzene	0.73		mg/kg	0.011	0.036	1	GRO95/8021		8/8/2017	TCC	1
m&p-Xylene	1.03		mg/kg	0.012	0.037	1	GRO95/8021		8/8/2017	TCC	1
o-Xylene	0.276		mg/kg	0.015	0.047	1	GRO95/8021		8/8/2017	TCC	1

Lab Code 5033356E
Sample ID G-3-1
Sample Matrix Soil
Sample Date 8/1/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent	97.8		%			1	5021		8/4/2017	NJC	1
Inorganic											
Metals											
Lead, Total	7.52		mg/Kg	0.34	1.16	2	6010B		8/10/2017	CWT	1 49
Organic											
PVOC + Naphthalene											
Benzene		< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		8/9/2017	TCC	1
Ethylbenzene		< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	1
Methyl tert-butyl ether (MTBE)		< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/9/2017	TCC	1
Naphthalene		< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		8/9/2017	TCC	1
Toluene		< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/9/2017	TCC	1
1,2,4-Trimethylbenzene		< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	1
1,3,5-Trimethylbenzene		< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		8/9/2017	TCC	1
m&p-Xylene		< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		8/9/2017	TCC	1
o-Xylene		< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		8/9/2017	TCC	1

Project Name ELLIS HAND CAR WASH **Invoice #** E33356
Project #

Lab Code 5033356F
Sample ID G-3-2
Sample Matrix Soil
Sample Date 8/1/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.2	%			1	5021		8/4/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		8/8/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/8/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/8/2017	TCC	1
Naphthalene	0.055 "J"	mg/kg	0.022	0.07	1	GRO95/8021		8/8/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/8/2017	TCC	1
1,2,4-Trimethylbenzene	0.035	mg/kg	0.01	0.032	1	GRO95/8021		8/8/2017	TCC	1
1,3,5-Trimethylbenzene	0.0285 "J"	mg/kg	0.011	0.036	1	GRO95/8021		8/8/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		8/8/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		8/8/2017	TCC	1

Lab Code 5033356G
Sample ID G-4-1
Sample Matrix Soil
Sample Date 8/1/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.8	%			1	5021		8/4/2017	NJC	1
Inorganic										
Metals										
Lead, Total	97.2	mg/Kg	0.34	1.16	2	6010B		8/10/2017	CWT	1 49
Organic										
PVOC + Naphthalene										
Benzene	0.121	mg/kg	0.019	0.06	1	GRO95/8021		8/8/2017	TCC	1
Ethylbenzene	0.063	mg/kg	0.01	0.032	1	GRO95/8021		8/8/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/8/2017	TCC	1
Naphthalene	0.085	mg/kg	0.022	0.07	1	GRO95/8021		8/8/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/8/2017	TCC	1
1,2,4-Trimethylbenzene	0.056	mg/kg	0.01	0.032	1	GRO95/8021		8/8/2017	TCC	1
1,3,5-Trimethylbenzene	0.106	mg/kg	0.011	0.036	1	GRO95/8021		8/8/2017	TCC	1
m&p-Xylene	0.152	mg/kg	0.012	0.037	1	GRO95/8021		8/8/2017	TCC	1
o-Xylene	0.043 "J"	mg/kg	0.015	0.047	1	GRO95/8021		8/8/2017	TCC	1

Project Name ELLIS HAND CAR WASH **Invoice #** E33356
Project #

Lab Code 5033356H
Sample ID G-4-2
Sample Matrix Soil
Sample Date 8/1/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.2	%			1	5021		8/4/2017	NJC	1
Inorganic										
Metals										
Lead, Total	8.68	mg/Kg	0.34	1.16	2	6010B		8/10/2017	CWT	149
Organic										
VOC's										
Benzene	0.045 "J"	mg/kg	0.03	0.096	1	8260B		8/15/2017	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		8/15/2017	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		8/15/2017	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		8/15/2017	CJR	1
tert-Butylbenzene	0.041 "J"	mg/kg	0.026	0.084	1	8260B		8/15/2017	CJR	1
sec-Butylbenzene	0.42	mg/kg	0.033	0.1	1	8260B		8/15/2017	CJR	1
n-Butylbenzene	1.04	mg/kg	0.04	0.13	1	8260B		8/15/2017	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		8/15/2017	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		8/15/2017	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		8/15/2017	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		8/15/2017	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		8/15/2017	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		8/15/2017	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		8/15/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		8/15/2017	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		8/15/2017	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		8/15/2017	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		8/15/2017	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		8/15/2017	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		8/15/2017	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		8/15/2017	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		8/15/2017	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		8/15/2017	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/15/2017	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		8/15/2017	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		8/15/2017	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		8/15/2017	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		8/15/2017	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		8/15/2017	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		8/15/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		8/15/2017	CJR	1
Ethylbenzene	0.64	mg/kg	0.035	0.11	1	8260B		8/15/2017	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		8/15/2017	CJR	1
Isopropylbenzene	0.94	mg/kg	0.034	0.11	1	8260B		8/15/2017	CJR	1
p-Isopropyltoluene	0.60	mg/kg	0.029	0.093	1	8260B		8/15/2017	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		8/15/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		8/15/2017	CJR	1
Naphthalene	2.09	mg/kg	0.094	0.3	1	8260B		8/15/2017	CJR	1
n-Propylbenzene	1.9	mg/kg	0.033	0.1	1	8260B		8/15/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		8/15/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		8/15/2017	CJR	1
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/15/2017	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/15/2017	CJR	1

Project Name ELLIS HAND CAR WASH **Invoice #** E33356
Project #

Lab Code 5033356H
Sample ID G-4-2
Sample Matrix Soil
Sample Date 8/1/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,4-Trichlorobenzene		< 0.064	mg/kg	0.064	0.2	1	8260B		8/15/2017	CJR	1
1,2,3-Trichlorobenzene		< 0.066	mg/kg	0.066	0.21	1	8260B		8/15/2017	CJR	1
1,1,1-Trichloroethane		< 0.03	mg/kg	0.03	0.96	1	8260B		8/15/2017	CJR	1
1,1,2-Trichloroethane		< 0.033	mg/kg	0.033	0.11	1	8260B		8/15/2017	CJR	1
Trichloroethene (TCE)		< 0.041	mg/kg	0.041	0.13	1	8260B		8/15/2017	CJR	1
Trichlorofluoromethane		< 0.041	mg/kg	0.041	0.13	1	8260B		8/15/2017	CJR	1
1,2,4-Trimethylbenzene		< 0.025	mg/kg	0.025	0.08	1	8260B		8/15/2017	CJR	1
1,3,5-Trimethylbenzene		< 0.032	mg/kg	0.032	0.1	1	8260B		8/15/2017	CJR	1
Vinyl Chloride		< 0.019	mg/kg	0.019	0.062	1	8260B		8/15/2017	CJR	1
m&p-Xylene	0.092 "J"		mg/kg	0.072	0.23	1	8260B		8/15/2017	CJR	1
o-Xylene		< 0.044	mg/kg	0.044	0.14	1	8260B		8/15/2017	CJR	1
SUR - Toluene-d8	118		Rec %			1	8260B		8/15/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	89		Rec %			1	8260B		8/15/2017	CJR	1
SUR - 4-Bromofluorobenzene	118		Rec %			1	8260B		8/15/2017	CJR	1
SUR - Dibromofluoromethane	101		Rec %			1	8260B		8/15/2017	CJR	1

Lab Code 5033356I
Sample ID G-5-1
Sample Matrix Soil
Sample Date 8/1/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent	97.0		%			1	5021		8/4/2017	NJC	1
Inorganic											
Metals											
Lead, Total	1.86		mg/Kg	0.34	1.16	2	6010B		8/10/2017	CWT	1 49
Organic											
PVOC + Naphthalene											
Benzene		< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		8/8/2017	TCC	1
Ethylbenzene		< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/8/2017	TCC	1
Methyl tert-butyl ether (MTBE)		< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/8/2017	TCC	1
Naphthalene		< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		8/8/2017	TCC	1
Toluene		< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/8/2017	TCC	1
1,2,4-Trimethylbenzene		< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/8/2017	TCC	1
1,3,5-Trimethylbenzene		< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		8/8/2017	TCC	1
m&p-Xylene		< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		8/8/2017	TCC	1
o-Xylene		< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		8/8/2017	TCC	1

Project Name ELLIS HAND CAR WASH **Invoice #** E33356
Project #

Lab Code 5033356J
Sample ID G-5-3
Sample Matrix Soil
Sample Date 8/1/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent	83.8		%			1	5021		8/4/2017	NJC	1
Organic											
PVOC + Naphthalene											
Benzene		< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		8/8/2017	TCC	1
Ethylbenzene		< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/8/2017	TCC	1
Methyl tert-butyl ether (MTBE)		< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/8/2017	TCC	1
Naphthalene		< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		8/8/2017	TCC	1
Toluene		< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/8/2017	TCC	1
1,2,4-Trimethylbenzene		< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/8/2017	TCC	1
1,3,5-Trimethylbenzene		< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		8/8/2017	TCC	1
m&p-Xylene		< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		8/8/2017	TCC	1
o-Xylene		< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		8/8/2017	TCC	1

Lab Code 5033356K
Sample ID G-6-1
Sample Matrix Soil
Sample Date 8/1/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent	86.2		%			1	5021		8/4/2017	NJC	1
Inorganic											
Metals											
Lead, Total	54.6		mg/Kg	0.34	1.16	2	6010B		8/10/2017	CWT	1 49
Organic											
PVOC + Naphthalene											
Benzene		< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		8/8/2017	TCC	1
Ethylbenzene		< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/8/2017	TCC	1
Methyl tert-butyl ether (MTBE)		< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/8/2017	TCC	1
Naphthalene		< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		8/8/2017	TCC	1
Toluene		< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/8/2017	TCC	1
1,2,4-Trimethylbenzene		< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/8/2017	TCC	1
1,3,5-Trimethylbenzene		< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		8/8/2017	TCC	1
m&p-Xylene		< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		8/8/2017	TCC	1
o-Xylene		< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		8/8/2017	TCC	1

Project Name ELLIS HAND CAR WASH **Invoice #** E33356
Project #

Lab Code 5033356L
Sample ID G-6-2
Sample Matrix Soil
Sample Date 8/1/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent	84.2		%			1	5021		8/4/2017	NJC	1
Organic											
PVOC + Naphthalene											
Benzene	0.57		mg/kg	0.019	0.06	1	GRO95/8021		8/8/2017	TCC	1
Ethylbenzene	0.080		mg/kg	0.01	0.032	1	GRO95/8021		8/8/2017	TCC	1
Methyl tert-butyl ether (MTBE)		< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/8/2017	TCC	1
Naphthalene	0.95		mg/kg	0.022	0.07	1	GRO95/8021		8/8/2017	TCC	1
Toluene		< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/8/2017	TCC	1
1,2,4-Trimethylbenzene	0.148		mg/kg	0.01	0.032	1	GRO95/8021		8/8/2017	TCC	1
1,3,5-Trimethylbenzene	0.296		mg/kg	0.011	0.036	1	GRO95/8021		8/8/2017	TCC	1
m&p-Xylene	0.42		mg/kg	0.012	0.037	1	GRO95/8021		8/8/2017	TCC	1
o-Xylene	0.174		mg/kg	0.015	0.047	1	GRO95/8021		8/8/2017	TCC	1

Lab Code 5033356M
Sample ID G-7-1
Sample Matrix Soil
Sample Date 8/1/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent	88.1		%			1	5021		8/4/2017	NJC	1
Inorganic											
Metals											
Lead, Total	18.5		mg/Kg	0.34	1.16	2	6010B		8/10/2017	CWT	1 49
Organic											
PVOC + Naphthalene											
Benzene	0.088		mg/kg	0.019	0.06	1	GRO95/8021		8/9/2017	TCC	1
Ethylbenzene		< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	1
Methyl tert-butyl ether (MTBE)		< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/9/2017	TCC	1
Naphthalene		< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		8/9/2017	TCC	1
Toluene		< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/9/2017	TCC	1
1,2,4-Trimethylbenzene		< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	1
1,3,5-Trimethylbenzene		< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		8/9/2017	TCC	1
m&p-Xylene		< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		8/9/2017	TCC	1
o-Xylene		< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		8/9/2017	TCC	1

Project Name ELLIS HAND CAR WASH **Invoice #** E33356
Project #

Lab Code 5033356N
Sample ID G-7-2
Sample Matrix Soil
Sample Date 8/1/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	75.4	%			1	5021		8/4/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		8/8/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/8/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/8/2017	TCC	1
Naphthalene	0.149	mg/kg	0.022	0.07	1	GRO95/8021		8/8/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/8/2017	TCC	1
1,2,4-Trimethylbenzene	0.052	mg/kg	0.01	0.032	1	GRO95/8021		8/8/2017	TCC	1
1,3,5-Trimethylbenzene	0.0258 "J"	mg/kg	0.011	0.036	1	GRO95/8021		8/8/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		8/8/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		8/8/2017	TCC	1

Lab Code 5033356O
Sample ID G-8-1
Sample Matrix Soil
Sample Date 8/1/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.0	%			1	5021		8/4/2017	NJC	1
Inorganic										
Metals										
Lead, Total	144.2	mg/Kg	0.34	1.16	2	6010B		8/10/2017	CWT	1 49
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		8/9/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/9/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		8/9/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/9/2017	TCC	1
1,2,4-Trimethylbenzene	0.044	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	1
1,3,5-Trimethylbenzene	0.0289 "J"	mg/kg	0.011	0.036	1	GRO95/8021		8/9/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		8/9/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		8/9/2017	TCC	1

Project Name ELLIS HAND CAR WASH **Invoice #** E33356
Project #

Lab Code 5033356P
Sample ID G-8-2
Sample Matrix Soil
Sample Date 8/1/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent	75.8		%			1	5021		8/4/2017	NJC	1
Organic											
PVOC + Naphthalene											
Benzene		< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		8/10/2017	TCC	1
Ethylbenzene		< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/10/2017	TCC	1
Methyl tert-butyl ether (MTBE)		< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/10/2017	TCC	1
Naphthalene	0.32		mg/kg	0.022	0.07	1	GRO95/8021		8/10/2017	TCC	1
Toluene		< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/10/2017	TCC	1
1,2,4-Trimethylbenzene	0.035		mg/kg	0.01	0.032	1	GRO95/8021		8/10/2017	TCC	1
1,3,5-Trimethylbenzene	0.079		mg/kg	0.011	0.036	1	GRO95/8021		8/10/2017	TCC	1
m&p-Xylene		< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		8/10/2017	TCC	1
o-Xylene	0.034 "J"		mg/kg	0.015	0.047	1	GRO95/8021		8/10/2017	TCC	1

Lab Code 5033356Q
Sample ID G-9-1
Sample Matrix Soil
Sample Date 8/1/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent	88.4		%			1	5021		8/4/2017	NJC	1
Inorganic											
Metals											
Lead, Total	8.74		mg/Kg	0.34	1.16	2	6010B		8/10/2017	CWT	1 49
Organic											
PVOC + Naphthalene											
Benzene		< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		8/9/2017	TCC	1
Ethylbenzene		< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	1
Methyl tert-butyl ether (MTBE)		< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/9/2017	TCC	1
Naphthalene		< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		8/9/2017	TCC	1
Toluene		< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/9/2017	TCC	1
1,2,4-Trimethylbenzene		< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	1
1,3,5-Trimethylbenzene		< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		8/9/2017	TCC	1
m&p-Xylene		< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		8/9/2017	TCC	1
o-Xylene		< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		8/9/2017	TCC	1

Project Name ELLIS HAND CAR WASH **Invoice #** E33356
Project #

Lab Code 5033356R
Sample ID G-9-2
Sample Matrix Soil
Sample Date 8/1/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	90.3	%			1	5021		8/4/2017	NJC	
Organic										
PVOC + Naphthalene										
Benzene	0.107	mg/kg	0.019	0.06	1	GRO95/8021		8/9/2017	TCC	
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/9/2017	TCC	
Naphthalene	0.0306 "J"	mg/kg	0.022	0.07	1	GRO95/8021		8/9/2017	TCC	
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/9/2017	TCC	
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		8/9/2017	TCC	
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		8/9/2017	TCC	
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		8/9/2017	TCC	

Lab Code 5033356S
Sample ID G-10-1
Sample Matrix Soil
Sample Date 8/1/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.8	%			1	5021		8/4/2017	NJC	
Inorganic										
Metals										
Lead, Total	57.2	mg/Kg	0.34	1.16	2	6010B		8/10/2017	CWT	149
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		8/9/2017	TCC	
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/9/2017	TCC	
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		8/9/2017	TCC	
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/9/2017	TCC	
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		8/9/2017	TCC	
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		8/9/2017	TCC	
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		8/9/2017	TCC	

Project Name ELLIS HAND CAR WASH **Invoice #** E33356
Project #

Lab Code 5033356T
Sample ID G-10-2
Sample Matrix Soil
Sample Date 8/1/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent	84.0		%			1	5021		8/4/2017	NJC	1
Organic											
PVOC + Naphthalene											
Benzene		< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		8/9/2017	TCC	1
Ethylbenzene	0.106		mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	1
Methyl tert-butyl ether (MTBE)		< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/9/2017	TCC	1
Naphthalene	0.144		mg/kg	0.022	0.07	1	GRO95/8021		8/9/2017	TCC	1
Toluene		< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/9/2017	TCC	1
1,2,4-Trimethylbenzene	0.080		mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	1
1,3,5-Trimethylbenzene	0.194		mg/kg	0.011	0.036	1	GRO95/8021		8/9/2017	TCC	1
m&p-Xylene	0.113		mg/kg	0.012	0.037	1	GRO95/8021		8/9/2017	TCC	1
o-Xylene	0.087		mg/kg	0.015	0.047	1	GRO95/8021		8/9/2017	TCC	1

Lab Code 5033356U
Sample ID G-11-2
Sample Matrix Soil
Sample Date 8/2/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent	83.9		%			1	5021		8/4/2017	NJC	1
Organic											
PVOC + Naphthalene											
Benzene		< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		8/9/2017	TCC	1
Ethylbenzene		< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	1
Methyl tert-butyl ether (MTBE)		< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/9/2017	TCC	1
Naphthalene		< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		8/9/2017	TCC	1
Toluene		< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/9/2017	TCC	1
1,2,4-Trimethylbenzene		< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	1
1,3,5-Trimethylbenzene		< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		8/9/2017	TCC	1
m&p-Xylene		< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		8/9/2017	TCC	1
o-Xylene		< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		8/9/2017	TCC	1

Project Name ELLIS HAND CAR WASH **Invoice #** E33356
Project #

Lab Code 5033356V
Sample ID G-12-1
Sample Matrix Soil
Sample Date 8/2/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.8	%			1	5021		8/4/2017	NJC	I
Inorganic										
Metals										
Lead, Total	25.6	mg/Kg	0.34	1.16	2	6010B		8/10/2017	CWT	I 49
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		8/9/2017	TCC	I
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	I
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/9/2017	TCC	I
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		8/9/2017	TCC	I
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/9/2017	TCC	I
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	I
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		8/9/2017	TCC	I
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		8/9/2017	TCC	I
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		8/9/2017	TCC	I

Lab Code 5033356W
Sample ID G-12-2
Sample Matrix Soil
Sample Date 8/2/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.0	%			1	5021		8/4/2017	NJC	I
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		8/9/2017	TCC	I
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	I
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/9/2017	TCC	I
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		8/9/2017	TCC	I
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/9/2017	TCC	I
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	I
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		8/9/2017	TCC	I
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		8/9/2017	TCC	I
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		8/9/2017	TCC	I

Project Name ELLIS HAND CAR WASH **Invoice #** E33356
Project #

Lab Code 5033356X
Sample ID G-13-1
Sample Matrix Soil
Sample Date 8/2/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	77.1	%			1	5021		8/4/2017	NJC	1
Inorganic										
Metals										
Lead, Total	17.0	mg/Kg	0.34	1.16	2	6010B		8/10/2017	CWT	1 49
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		8/9/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/9/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		8/9/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/9/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		8/9/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		8/9/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		8/9/2017	TCC	1

Lab Code 5033356Y
Sample ID G-13-2
Sample Matrix Soil
Sample Date 8/2/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.0	%			1	5021		8/4/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		8/9/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/9/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		8/9/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/9/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		8/9/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		8/9/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		8/9/2017	TCC	1

Project Name ELLIS HAND CAR WASH **Invoice #** E33356
Project #

Lab Code 5033356Z
Sample ID G-14-1
Sample Matrix Soil
Sample Date 8/2/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent	88.9		%			1	5021		8/4/2017	NJC	1
Inorganic											
Metals											
Lead, Total	21.1		mg/Kg	0.34	1.16	2	6010B		8/10/2017	CWT	1 49
Organic											
PVOC + Naphthalene											
Benzene		< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		8/9/2017	TCC	1
Ethylbenzene		< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	1
Methyl tert-butyl ether (MTBE)		< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/9/2017	TCC	1
Naphthalene	0.111		mg/kg	0.022	0.07	1	GRO95/8021		8/9/2017	TCC	1
Toluene		< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/9/2017	TCC	1
1,2,4-Trimethylbenzene	0.034		mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	1
1,3,5-Trimethylbenzene		< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		8/9/2017	TCC	1
m&p-Xylene		< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		8/9/2017	TCC	1
o-Xylene	0.060		mg/kg	0.015	0.047	1	GRO95/8021		8/9/2017	TCC	1

Lab Code 533356AA
Sample ID G-14-2
Sample Matrix Soil
Sample Date 8/2/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent	80.0		%			1	5021		8/4/2017	NJC	1
Organic											
PVOC + Naphthalene											
Benzene		< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		8/9/2017	TCC	1
Ethylbenzene		< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	1
Methyl tert-butyl ether (MTBE)		< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/9/2017	TCC	1
Naphthalene		< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		8/9/2017	TCC	1
Toluene		< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/9/2017	TCC	1
1,2,4-Trimethylbenzene		< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/9/2017	TCC	1
1,3,5-Trimethylbenzene		< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		8/9/2017	TCC	1
m&p-Xylene		< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		8/9/2017	TCC	1
o-Xylene		< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		8/9/2017	TCC	1

Project Name ELLIS HAND CAR WASH **Invoice #** E33356
Project #

Lab Code 533356BB
Sample ID G-17-1
Sample Matrix Soil
Sample Date 8/2/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent	81.4		%			1	5021		8/4/2017	NJC	1
Inorganic											
Metals											
Lead, Total	199		mg/Kg	0.34	1.16	2	6010B		8/10/2017	CWT	1 49
Organic											
PVOC + Naphthalene											
Benzene		< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		8/10/2017	TCC	1
Ethylbenzene		< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/10/2017	TCC	1
Methyl tert-butyl ether (MTBE)		< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/10/2017	TCC	1
Naphthalene		< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		8/10/2017	TCC	1
Toluene		< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/10/2017	TCC	1
1,2,4-Trimethylbenzene		< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/10/2017	TCC	1
1,3,5-Trimethylbenzene	0.041		mg/kg	0.011	0.036	1	GRO95/8021		8/10/2017	TCC	1
m&p-Xylene		< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		8/10/2017	TCC	1
o-Xylene		< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		8/10/2017	TCC	1

Lab Code 533356CC
Sample ID G-17-2
Sample Matrix Soil
Sample Date 8/2/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent	78.3		%			1	5021		8/4/2017	NJC	1
Organic											
PVOC + Naphthalene											
Benzene		< 0.05	mg/kg	0.038	0.12	2	GRO95/8021		8/10/2017	TCC	1
Ethylbenzene	0.073		mg/kg	0.02	0.064	2	GRO95/8021		8/10/2017	TCC	1
Methyl tert-butyl ether (MTBE)		< 0.05	mg/kg	0.0158	0.05	2	GRO95/8021		8/10/2017	TCC	1
Naphthalene	1.52		mg/kg	0.044	0.14	2	GRO95/8021		8/10/2017	TCC	1
Toluene		< 0.05	mg/kg	0.028	0.092	2	GRO95/8021		8/10/2017	TCC	1
1,2,4-Trimethylbenzene	0.145		mg/kg	0.02	0.064	2	GRO95/8021		8/10/2017	TCC	1
1,3,5-Trimethylbenzene	0.42		mg/kg	0.022	0.072	2	GRO95/8021		8/10/2017	TCC	1
m&p-Xylene	0.192		mg/kg	0.024	0.074	2	GRO95/8021		8/10/2017	TCC	1
o-Xylene	0.066 "J"		mg/kg	0.03	0.094	2	GRO95/8021		8/10/2017	TCC	1

Project Name ELLIS HAND CAR WASH **Invoice #** E33356
Project #

Lab Code 533356DD
Sample ID G-19-1
Sample Matrix Soil
Sample Date 8/2/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.5	%			1	5021		8/4/2017	NJC	1
Inorganic										
Metals										
Lead, Total	30.9	mg/Kg	0.34	1.16	2	6010B		8/10/2017	CWT	1 49
Organic										
PVOC + Naphthalene										
Benzene	0.0286 "J"	mg/kg	0.019	0.06	1	GRO95/8021		8/10/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/10/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/10/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		8/10/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/10/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		8/10/2017	TCC	1
1,3,5-Trimethylbenzene	0.0274 "J"	mg/kg	0.011	0.036	1	GRO95/8021		8/10/2017	TCC	1
m&p-Xylene	0.067	mg/kg	0.012	0.037	1	GRO95/8021		8/10/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		8/10/2017	TCC	1

Lab Code 533356EE
Sample ID G-19-2
Sample Matrix Soil
Sample Date 8/2/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	79.8	%			1	5021		8/4/2017	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	7.9	mg/kg	0.095	0.3	5	GRO95/8021		8/10/2017	TCC	1
Ethylbenzene	0.45	mg/kg	0.05	0.16	5	GRO95/8021		8/10/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.125	mg/kg	0.0395	0.125	5	GRO95/8021		8/10/2017	TCC	1
Naphthalene	0.71	mg/kg	0.11	0.35	5	GRO95/8021		8/10/2017	TCC	1
Toluene	0.292	mg/kg	0.07	0.23	5	GRO95/8021		8/10/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.125	mg/kg	0.05	0.16	5	GRO95/8021		8/10/2017	TCC	1
1,3,5-Trimethylbenzene	0.89	mg/kg	0.055	0.18	5	GRO95/8021		8/10/2017	TCC	1
m&p-Xylene	1.55	mg/kg	0.06	0.185	5	GRO95/8021		8/10/2017	TCC	1
o-Xylene	< 0.125	mg/kg	0.075	0.235	5	GRO95/8021		8/10/2017	TCC	1

Project Name ELLIS HAND CAR WASH **Invoice #** E33356
Project #

Lab Code 533356FF
Sample ID G-20-1
Sample Matrix Soil
Sample Date 8/2/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent	91.1		%			1	5021		8/4/2017	NJC	1
Inorganic											
Metals											
Lead, Total	7.31		mg/Kg	0.34	1.16	2	6010B		8/10/2017	CWT	1 49
Organic											
PVOC + Naphthalene											
Benzene	0.95		mg/kg	0.019	0.06	1	GRO95/8021		8/10/2017	TCC	1
Ethylbenzene	0.169		mg/kg	0.01	0.032	1	GRO95/8021		8/10/2017	TCC	1
Methyl tert-butyl ether (MTBE)		< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/10/2017	TCC	1
Naphthalene	0.073		mg/kg	0.022	0.07	1	GRO95/8021		8/10/2017	TCC	1
Toluene		< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/10/2017	TCC	1
1,2,4-Trimethylbenzene	0.218		mg/kg	0.01	0.032	1	GRO95/8021		8/10/2017	TCC	1
1,3,5-Trimethylbenzene	0.289		mg/kg	0.011	0.036	1	GRO95/8021		8/10/2017	TCC	1
m&p-Xylene	1.06		mg/kg	0.012	0.037	1	GRO95/8021		8/10/2017	TCC	1
o-Xylene	0.273		mg/kg	0.015	0.047	1	GRO95/8021		8/10/2017	TCC	1

Lab Code 533356GG
Sample ID TRIP BLANK
Sample Matrix Water
Sample Date 8/2/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene		< 0.17	ug/l	0.17	0.55	1	8260B		8/10/2017	CJR	1
Ethylbenzene		< 0.2	ug/l	0.2	0.63	1	8260B		8/10/2017	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.82	ug/l	0.82	2.6	1	8260B		8/10/2017	CJR	1
Naphthalene		< 2.17	ug/l	2.17	6.9	1	8260B		8/10/2017	CJR	1
Toluene		< 0.67	ug/l	0.67	2.13	1	8260B		8/10/2017	CJR	1
1,2,4-Trimethylbenzene		< 1.14	ug/l	1.14	3.63	1	8260B		8/10/2017	CJR	1
1,3,5-Trimethylbenzene		< 0.91	ug/l	0.91	2.9	1	8260B		8/10/2017	CJR	1
m&p-Xylene		< 1.56	ug/l	1.56	4.95	1	8260B		8/10/2017	CJR	1
o-Xylene		< 0.39	ug/l	0.39	1.25	1	8260B		8/10/2017	CJR	1

Project Name ELLIS HAND CAR WASH **Invoice #** E33356
Project #

Lab Code 533356HH
Sample ID G-1-W
Sample Matrix Water
Sample Date 8/1/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene	1340		ug/l	8.5	27.5	50	8260B		8/10/2017	CJR	I
Ethylbenzene	2800		ug/l	10	31.5	50	8260B		8/10/2017	CJR	I
Methyl tert-butyl ether (MTBE)		< 41	ug/l	41	130	50	8260B		8/10/2017	CJR	I
Naphthalene	640		ug/l	108.5	345	50	8260B		8/10/2017	CJR	I
Toluene	520		ug/l	33.5	106.5	50	8260B		8/10/2017	CJR	I
1,2,4-Trimethylbenzene	2980		ug/l	57	181.5	50	8260B		8/10/2017	CJR	I
1,3,5-Trimethylbenzene	840		ug/l	45.5	145	50	8260B		8/10/2017	CJR	I
m&p-Xylene	7100		ug/l	78	247.5	50	8260B		8/10/2017	CJR	I
o-Xylene	152		ug/l	19.5	62.5	50	8260B		8/10/2017	CJR	I

Lab Code 533356II
Sample ID G-2-W
Sample Matrix Water
Sample Date 8/2/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene	24.9		ug/l	0.17	0.55	1	8260B		8/9/2017	CJR	I
Ethylbenzene	3.8		ug/l	0.2	0.63	1	8260B		8/9/2017	CJR	I
Methyl tert-butyl ether (MTBE)		< 0.82	ug/l	0.82	2.6	1	8260B		8/9/2017	CJR	I
Naphthalene		< 2.17	ug/l	2.17	6.9	1	8260B		8/9/2017	CJR	I
Toluene	5.0		ug/l	0.67	2.13	1	8260B		8/9/2017	CJR	I
1,2,4-Trimethylbenzene	2.29 "J"		ug/l	1.14	3.63	1	8260B		8/9/2017	CJR	I
1,3,5-Trimethylbenzene	1.46 "J"		ug/l	0.91	2.9	1	8260B		8/9/2017	CJR	I
m&p-Xylene	11.9		ug/l	1.56	4.95	1	8260B		8/9/2017	CJR	I
o-Xylene	0.81 "J"		ug/l	0.39	1.25	1	8260B		8/9/2017	CJR	I

Lab Code 533356JJ
Sample ID G-3-W
Sample Matrix Water
Sample Date 8/1/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene	3.3		ug/l	0.17	0.55	1	8260B		8/10/2017	CJR	I
Ethylbenzene	6.2		ug/l	0.2	0.63	1	8260B		8/10/2017	CJR	I
Methyl tert-butyl ether (MTBE)		< 0.82	ug/l	0.82	2.6	1	8260B		8/10/2017	CJR	I
Naphthalene		< 2.17	ug/l	2.17	6.9	1	8260B		8/10/2017	CJR	I
Toluene	1.27 "J"		ug/l	0.67	2.13	1	8260B		8/10/2017	CJR	I
1,2,4-Trimethylbenzene		< 1.14	ug/l	1.14	3.63	1	8260B		8/10/2017	CJR	I
1,3,5-Trimethylbenzene		< 0.91	ug/l	0.91	2.9	1	8260B		8/10/2017	CJR	I
m&p-Xylene	3.8 "J"		ug/l	1.56	4.95	1	8260B		8/10/2017	CJR	I
o-Xylene		< 0.39	ug/l	0.39	1.25	1	8260B		8/10/2017	CJR	I

Project Name ELLIS HAND CAR WASH **Invoice #** E33356
Project #

Lab Code 533356KK
Sample ID G-4W
Sample Matrix Water
Sample Date 8/2/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene	12.9		ug/l	0.17	0.55	1	8260B		8/9/2017	CJR	I
Ethylbenzene	10.6		ug/l	0.2	0.63	1	8260B		8/9/2017	CJR	I
Methyl tert-butyl ether (MTBE)		< 0.82	ug/l	0.82	2.6	1	8260B		8/9/2017	CJR	I
Naphthalene		< 2.17	ug/l	2.17	6.9	1	8260B		8/9/2017	CJR	I
Toluene	2.99		ug/l	0.67	2.13	1	8260B		8/9/2017	CJR	I
1,2,4-Trimethylbenzene		< 1.14	ug/l	1.14	3.63	1	8260B		8/9/2017	CJR	I
1,3,5-Trimethylbenzene		< 0.91	ug/l	0.91	2.9	1	8260B		8/9/2017	CJR	I
m&p-Xylene	5.5		ug/l	1.56	4.95	1	8260B		8/9/2017	CJR	I
o-Xylene	1.05 "J"		ug/l	0.39	1.25	1	8260B		8/9/2017	CJR	I

Lab Code 533356LL
Sample ID G-5-W
Sample Matrix Water
Sample Date 8/1/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene		< 0.17	ug/l	0.17	0.55	1	8260B		8/9/2017	CJR	I
Ethylbenzene		< 0.2	ug/l	0.2	0.63	1	8260B		8/9/2017	CJR	I
Methyl tert-butyl ether (MTBE)		< 0.82	ug/l	0.82	2.6	1	8260B		8/9/2017	CJR	I
Naphthalene		< 2.17	ug/l	2.17	6.9	1	8260B		8/9/2017	CJR	I
Toluene		< 0.67	ug/l	0.67	2.13	1	8260B		8/9/2017	CJR	I
1,2,4-Trimethylbenzene		< 1.14	ug/l	1.14	3.63	1	8260B		8/9/2017	CJR	I
1,3,5-Trimethylbenzene		< 0.91	ug/l	0.91	2.9	1	8260B		8/9/2017	CJR	I
m&p-Xylene		< 1.56	ug/l	1.56	4.95	1	8260B		8/9/2017	CJR	I
o-Xylene		< 0.39	ug/l	0.39	1.25	1	8260B		8/9/2017	CJR	I

Lab Code 533356MM
Sample ID G-6-W
Sample Matrix Water
Sample Date 8/1/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene		< 1.7	ug/l	1.7	5.5	10	8260B		8/9/2017	CJR	I 49
Ethylbenzene		< 2	ug/l	2	6.3	10	8260B		8/9/2017	CJR	I 49
Methyl tert-butyl ether (MTBE)		< 8.2	ug/l	8.2	26	10	8260B		8/9/2017	CJR	I 49
Naphthalene		< 21.7	ug/l	21.7	69	10	8260B		8/9/2017	CJR	I 49
Toluene		< 6.7	ug/l	6.7	21.3	10	8260B		8/9/2017	CJR	I 49
1,2,4-Trimethylbenzene		< 11.4	ug/l	11.4	36.3	10	8260B		8/9/2017	CJR	I 49
1,3,5-Trimethylbenzene		< 9.1	ug/l	9.1	29	10	8260B		8/9/2017	CJR	I 49
m&p-Xylene		< 15.6	ug/l	15.6	49.5	10	8260B		8/9/2017	CJR	I 49
o-Xylene		< 3.9	ug/l	3.9	12.5	10	8260B		8/9/2017	CJR	I 49

Project Name ELLIS HAND CAR WASH **Invoice #** E33356
Project #

Lab Code 533356NN
Sample ID G-7-W
Sample Matrix Water
Sample Date 8/2/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene	0.29 "J"		ug/l	0.17	0.55	1	8260B		8/11/2017	CJR	1
Ethylbenzene		< 0.2	ug/l	0.2	0.63	1	8260B		8/11/2017	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.82	ug/l	0.82	2.6	1	8260B		8/11/2017	CJR	1
Naphthalene		< 2.17	ug/l	2.17	6.9	1	8260B		8/11/2017	CJR	1
Toluene		< 0.67	ug/l	0.67	2.13	1	8260B		8/11/2017	CJR	1
1,2,4-Trimethylbenzene		< 1.14	ug/l	1.14	3.63	1	8260B		8/11/2017	CJR	1
1,3,5-Trimethylbenzene		< 0.91	ug/l	0.91	2.9	1	8260B		8/11/2017	CJR	1
m&p-Xylene		< 1.56	ug/l	1.56	4.95	1	8260B		8/11/2017	CJR	1
o-Xylene	0.5 "J"		ug/l	0.39	1.25	1	8260B		8/11/2017	CJR	1

Lab Code 533356OO
Sample ID G-9-W
Sample Matrix Water
Sample Date 8/2/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene	0.35 "J"		ug/l	0.17	0.55	1	8260B		8/11/2017	CJR	1
Ethylbenzene		< 0.2	ug/l	0.2	0.63	1	8260B		8/11/2017	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.82	ug/l	0.82	2.6	1	8260B		8/11/2017	CJR	1
Naphthalene		< 2.17	ug/l	2.17	6.9	1	8260B		8/11/2017	CJR	1
Toluene		< 0.67	ug/l	0.67	2.13	1	8260B		8/11/2017	CJR	1
1,2,4-Trimethylbenzene		< 1.14	ug/l	1.14	3.63	1	8260B		8/11/2017	CJR	1
1,3,5-Trimethylbenzene		< 0.91	ug/l	0.91	2.9	1	8260B		8/11/2017	CJR	1
m&p-Xylene		< 1.56	ug/l	1.56	4.95	1	8260B		8/11/2017	CJR	1
o-Xylene		< 0.39	ug/l	0.39	1.25	1	8260B		8/11/2017	CJR	1

Lab Code 533356PP
Sample ID G-14-W
Sample Matrix Water
Sample Date 8/2/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene		< 0.17	ug/l	0.17	0.55	1	8260B		8/11/2017	CJR	1
Ethylbenzene		< 0.2	ug/l	0.2	0.63	1	8260B		8/11/2017	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.82	ug/l	0.82	2.6	1	8260B		8/11/2017	CJR	1
Naphthalene		< 2.17	ug/l	2.17	6.9	1	8260B		8/11/2017	CJR	1
Toluene		< 0.67	ug/l	0.67	2.13	1	8260B		8/11/2017	CJR	1
1,2,4-Trimethylbenzene		< 1.14	ug/l	1.14	3.63	1	8260B		8/11/2017	CJR	1
1,3,5-Trimethylbenzene		< 0.91	ug/l	0.91	2.9	1	8260B		8/11/2017	CJR	1
m&p-Xylene		< 1.56	ug/l	1.56	4.95	1	8260B		8/11/2017	CJR	1
o-Xylene		< 0.39	ug/l	0.39	1.25	1	8260B		8/11/2017	CJR	1

Project Name ELLIS HAND CAR WASH **Invoice #** E33356
Project #

Lab Code 533356QQ
Sample ID G-15-W
Sample Matrix Water
Sample Date 8/2/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		8/11/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		8/11/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		8/11/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		8/11/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		8/11/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		8/11/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B		8/11/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B		8/11/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B		8/11/2017	CJR	1

Lab Code 533356RR
Sample ID G-16-W
Sample Matrix Water
Sample Date 8/2/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	0.19 "J"	ug/l	0.17	0.55	1	8260B		8/11/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		8/11/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		8/11/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		8/11/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		8/11/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		8/11/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B		8/11/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B		8/11/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B		8/11/2017	CJR	1

Lab Code 533356SS
Sample ID G-17-W
Sample Matrix Water
Sample Date 8/2/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		8/11/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		8/11/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		8/11/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		8/11/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		8/11/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		8/11/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B		8/11/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B		8/11/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B		8/11/2017	CJR	1

Project Name ELLIS HAND CAR WASH **Invoice #** E33356
Project #

Lab Code 533356TT
Sample ID G-18-W
Sample Matrix Water
Sample Date 8/2/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		8/11/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		8/11/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		8/11/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		8/11/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		8/11/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		8/11/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B		8/11/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B		8/11/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B		8/11/2017	CJR	1

Lab Code 533356UU
Sample ID G-21-W
Sample Matrix Water
Sample Date 8/2/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		8/11/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		8/11/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		8/11/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		8/11/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		8/11/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		8/11/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B		8/11/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B		8/11/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B		8/11/2017	CJR	1

Lab Code 533356VV
Sample ID G-22-W
Sample Matrix Water
Sample Date 8/2/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		8/11/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		8/11/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		8/11/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		8/11/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		8/11/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		8/11/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B		8/11/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B		8/11/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B		8/11/2017	CJR	1

Project Name ELLIS HAND CAR WASH **Invoice #** E33356

Project #

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

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

CWT denotes sub contract lab - Certification #445126660

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

Authorized Signature Michael Ricker

CHAIN OF CUSTODY RECORD

Synergy

Environmental Lab, Inc.

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

Chain # NO 3120

Page 1 of 5

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

Lab I.D. #

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

Project #:

Sampler: (signature)

Project (Name / Location): Ellis Hand Car Wash

Reports To: Donald Miller	Invoice To: Donald Miller
Company New Hope Baptist Church	Company C/O METCO
Address 2433 W Roosevelt Dr.	Address 709 Gillette St Ste 3
City State Zip Milwaukee, WI 53209	City State Zip La Crosse, WI 54603
Phone (414) 559-3447	Phone (608) 781-8879
FAX	FAX

Analysis Requested / **Other Analysis**

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-RCRA METALS	PID/FID
503355-A	Meth Blank	8/1/17					1		MEOH									X						
B	G-1-1		1:20		X		3	S	None			X						X						
C	G-1-2		1:30				2											X						
D	G-2-2		1:55				2											X						
E	G-3-1		2:05				3		None			X						X						
F	G-3-2		2:10				2											X						
G	G-4-1		2:45				3		None			X						X						
H	G-4-2		2:50				3		None			X									X			
I	G-5-1		3:05				3		None			X						X						
J	G-5-3		3:15				2											X						

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

Lab to send copy of report to METCO
U & C Rates
Agent Status

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

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	2:45PM	8/3/17			

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

CHAIN OF CUSTODY RECORD

Synergy
Environmental Lab, Inc.

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

Chain # N2 3126
Page 2 of 5

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

Lab I.D. #
Account No. : **Quote No.:**
Project #:
Sampler: (signature)
Project (Name / Location): Ellis Hand Car Wash
Reports To: See Page 1
Invoice To:
Company
Address
City State Zip
Phone
FAX

Company
Address
City State Zip
Phone
FAX

Analysis Requested | **Other Analysis**

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-RCRA METALS	PID/FID
30233516	G-6-1	8/1/17	3:30		X		3	S	HCl/None			X						X						
L	G-6-2	8/1/17	3:35		X		2											X						
M	G-7-1	8/1/17	8:20				3		/None			X						X						
N	G-7-2		8:30				2											X						
O	G-8-1		8:35				3		/None			X						X						
P	G-8-2		8:40				2											X						
Q	G-9-1		8:55				3		/None			X						X						
R	G-9-2		9:05				2											X						
S	G-10-1		9:20				3		/None			X						X						
T	G-10-2		9:25				2											X						

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

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

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	2:45PM	8/3/17			

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

CHAIN OF CUSTODY RECORD

Synergy

Environmental Lab, Inc.

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

Chain # NP 3126

Page 3 of 5

Sample Handling Request

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

X Normal Turn Around

Lab I.D. #

Account No. : | Quote No.:

Project #:

Sampler: (signature)

Project (Name / Location): Ellis Hand Car Wash

Reports To: See Page 1 → Invoice To:

Company	Company
Address	Address
City State Zip	City State Zip
Phone	Phone
FAX	FAX

Analysis Requested | **Other Analysis**

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-RCRA METALS	PID/FID
903355bk	G-11-2	8/2/17	9:40		X		2	S	MEOH									X						
V	G-12-1		9:55				3		None			X						X						
W	G-12-2		10:00				2											X						
X	G-13-1		10:15				3		None			X						X						
Y	G-13-2		10:20				2											X						
Z	G-14-1		10:30				3		None			X						X						
AA	G-14-2		10:35				2											X						
BB	G-17-1		11:40				3		None			X						X						
CC	G-17-2		11:45				2											X						
DD	G-19-1		1:45				3		None			X						X						

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

Sample Integrity - To be completed by receiving lab:

Method of Shipment: UPS

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

Cooler seal intact upon receipt: X Yes ____ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	2:45 PM	8/3/17			

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

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, Inc.

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

Chain # No. 347?

Page 4 of 5

Sample Handling Request

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

Lab I.D. #:

Account No.: | Quote No.:

Project #:

Sampler: (signature) [signature]

Project (Name / Location): Ellis Hand Car Wash

Reports To: See Page 1 → Invoice To:

Reports To	Invoice To
Company	Company
Address	Address
City State Zip	City State Zip
Phone	Phone
FAX	FAX

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-RCRA METALS	PID/FID
53335EE	G-19-2	8/2/17	1:50		X		2	S	MeOH									X						
FF	G-20-1	8/2/17	2:05		X		3	S	MeOH/None			X						X						
GG	Trip Blank	8/1/17					1		HCl									X						
HH	G-1-W	8/1/17	1:40		X	N	3	GW										X						
II	G-2-W	8/2/17	7:55															X						
JJ	G-3-W	8/1/17	2:30															X						
KK	G-4-W	8/2/17	8:10															X						
LL	G-5-W	8/1/17	3:20															X						
MM	G-6-W	8/1/17	3:55															X						
NN	G-7-W	8/2/17	3:15															X						

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

G-4-W labeled as G-6-W - [illegible] 8/4/17

Sample Integrity - To be completed by receiving lab.

Method of Shipment: [illegible]

Temp. of Temp. Blank ___ °C On Ice: X

Cooler seal intact upon receipt: X Yes ___ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
[signature]	2:45PM	8/3/17			

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

CHAIN OF STODY RECORD

Synergy

Environmental Lab, Inc.

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

Chain # Nº 3427

Page 5 of 5

Sample Handling Request

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

Lab I.D. #

Account No.: | Quote No.:

Project #:

Sampler: (signature)

Project (Name / Location): Ellis Hand Car Wash

Reports To: See Page 1 | Invoice To:

Company	Company
Address	Address
City State Zip	City State Zip
Phone	Phone
FAX	FAX

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
33356-00	G-9-W	8/1/17	9:10		X	N	3	GW	HCl
PP	G-14-W		10:40						
QQ	G-15-W		11:00						
RR	G-16-W		11:25						
SS	G-17-W		11:50						
TT	G-18-W		12:15						
UU	G-21-W		2:40						
VV	G-22-W		3:00						

Analysis Requested

DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-RCRA METALS
								X					
								X					
								X					
								X					
								X					
								X					
								X					
								X					

Other Analysis

PID/FID

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

Sample Integrity - To be completed by receiving lab.

Method of Shipment: Hand

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

Cooler seal intact upon receipt: X Yes ____ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	2:45PM	8/3/17			

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

Synergy Environmental Lab,

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

DONALD MILLER
NEW HOPE BAPTIST CHURCH
2433 W. ROOSEVELT DRIVE
MILWAUKEE, WI 53209

Report Date *02-Apr-18*

Project Name ELLIS HAND CAR WASH **Invoice #** E34377
Project #

Lab Code 5034377A
Sample ID METH BLANK
Sample Matrix Soil
Sample Date 3/14/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		3/22/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/22/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		3/22/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		3/22/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		3/22/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		3/22/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		3/22/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		3/22/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		3/22/2018	CJR	1

Project Name ELLIS HAND CAR WASH **Invoice #** E34377
Project #

Lab Code 5034377B
Sample ID MW-5-2
Sample Matrix Soil
Sample Date 3/14/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent	84.8		%			1	5021		3/20/2018	NJC	I
Organic											
PVOC + Naphthalene											
Benzene	0.179		mg/kg	0.0095	0.03	1	GRO95/8021		3/22/2018	CJR	I
Ethylbenzene	0.054		mg/kg	0.016	0.05	1	GRO95/8021		3/22/2018	CJR	I
Methyl tert-butyl ether (MTBE)		< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		3/22/2018	CJR	I
Naphthalene	0.071		mg/kg	0.022	0.07	1	GRO95/8021		3/22/2018	CJR	I
Toluene	0.055		mg/kg	0.013	0.041	1	GRO95/8021		3/22/2018	CJR	I
1,2,4-Trimethylbenzene	0.060 "J"		mg/kg	0.019	0.06	1	GRO95/8021		3/22/2018	CJR	I
1,3,5-Trimethylbenzene	0.123		mg/kg	0.0096	0.031	1	GRO95/8021		3/22/2018	CJR	I
m&p-Xylene	0.079		mg/kg	0.013	0.042	1	GRO95/8021		3/22/2018	CJR	I
o-Xylene	0.043		mg/kg	0.0062	0.02	1	GRO95/8021		3/22/2018	CJR	I

Lab Code 5034377C
Sample ID MW-3-3
Sample Matrix Soil
Sample Date 3/15/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent	84.3		%			1	5021		3/20/2018	NJC	I
Organic											
PVOC + Naphthalene											
Benzene		< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		3/22/2018	CJR	I
Ethylbenzene		< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/22/2018	CJR	I
Methyl tert-butyl ether (MTBE)		< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		3/22/2018	CJR	I
Naphthalene		< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		3/22/2018	CJR	I
Toluene		< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		3/22/2018	CJR	I
1,2,4-Trimethylbenzene		< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		3/22/2018	CJR	I
1,3,5-Trimethylbenzene		< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		3/22/2018	CJR	I
m&p-Xylene		< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		3/22/2018	CJR	I
o-Xylene		< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		3/22/2018	CJR	I

Project Name ELLIS HAND CAR WASH **Invoice #** E34377
Project #

Lab Code 5034377D
Sample ID MW-2-1
Sample Matrix Soil
Sample Date 3/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	79.6	%			1	5021		3/20/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	1.42	mg/kg	0.0095	0.03	1	GRO95/8021		3/22/2018	CJR	1
Ethylbenzene	0.32	mg/kg	0.016	0.05	1	GRO95/8021		3/22/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		3/22/2018	CJR	1
Naphthalene	2.36	mg/kg	0.022	0.07	1	GRO95/8021		3/22/2018	CJR	1
Toluene	0.253	mg/kg	0.013	0.041	1	GRO95/8021		3/22/2018	CJR	1
1,2,4-Trimethylbenzene	0.26	mg/kg	0.019	0.06	1	GRO95/8021		3/22/2018	CJR	1
1,3,5-Trimethylbenzene	0.41	mg/kg	0.0096	0.031	1	GRO95/8021		3/22/2018	CJR	1
m&p-Xylene	0.92	mg/kg	0.013	0.042	1	GRO95/8021		3/22/2018	CJR	1
o-Xylene	0.295	mg/kg	0.0062	0.02	1	GRO95/8021		3/22/2018	CJR	1

Lab Code 5034377E
Sample ID MW-2-2
Sample Matrix Soil
Sample Date 3/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.0	%			1	5021		3/20/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	0.035	mg/kg	0.0095	0.03	1	GRO95/8021		3/26/2018	CJR	1
Ethylbenzene	0.0308 "J"	mg/kg	0.016	0.05	1	GRO95/8021		3/26/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		3/26/2018	CJR	1
Naphthalene	0.038 "J"	mg/kg	0.022	0.07	1	GRO95/8021		3/26/2018	CJR	1
Toluene	0.051	mg/kg	0.013	0.041	1	GRO95/8021		3/26/2018	CJR	1
1,2,4-Trimethylbenzene	0.044 "J"	mg/kg	0.019	0.06	1	GRO95/8021		3/26/2018	CJR	1
1,3,5-Trimethylbenzene	0.038	mg/kg	0.0096	0.031	1	GRO95/8021		3/26/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		3/26/2018	CJR	1
o-Xylene	0.0287	mg/kg	0.0062	0.02	1	GRO95/8021		3/26/2018	CJR	1

Project Name ELLIS HAND CAR WASH **Invoice #** E34377
Project #

Lab Code 5034377F
Sample ID MW-2-3
Sample Matrix Soil
Sample Date 3/15/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent	83.3		%			1	5021		3/20/2018	NJC	1
Organic											
PVOC + Naphthalene											
Benzene		< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		3/23/2018	CJR	1
Ethylbenzene		< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/23/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		3/23/2018	CJR	1
Naphthalene		< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		3/23/2018	CJR	1
Toluene		< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		3/23/2018	CJR	1
1,2,4-Trimethylbenzene		< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		3/23/2018	CJR	1
1,3,5-Trimethylbenzene		< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		3/23/2018	CJR	1
m&p-Xylene		< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		3/23/2018	CJR	1
o-Xylene		< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		3/23/2018	CJR	1

Lab Code 5034377G
Sample ID MW-1-1
Sample Matrix Soil
Sample Date 3/15/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent	86.7		%			1	5021		3/20/2018	NJC	1
Organic											
PVOC + Naphthalene											
Benzene	33		mg/kg	0.475	1.5	50	GRO95/8021		3/23/2018	CJR	1
Ethylbenzene	86		mg/kg	0.8	2.5	50	GRO95/8021		3/23/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 1.25	mg/kg	0.55	1.7	50	GRO95/8021		3/23/2018	CJR	1
Naphthalene	36		mg/kg	1.1	3.5	50	GRO95/8021		3/23/2018	CJR	1
Toluene	13.9		mg/kg	0.65	2.05	50	GRO95/8021		3/23/2018	CJR	1
1,2,4-Trimethylbenzene	183		mg/kg	0.95	3	50	GRO95/8021		3/23/2018	CJR	1
1,3,5-Trimethylbenzene	61		mg/kg	0.48	1.55	50	GRO95/8021		3/23/2018	CJR	1
m&p-Xylene	295		mg/kg	0.65	2.1	50	GRO95/8021		3/23/2018	CJR	1
o-Xylene	9.2		mg/kg	0.31	1	50	GRO95/8021		3/23/2018	CJR	1

Project Name ELLIS HAND CAR WASH **Invoice #** E34377
Project #

Lab Code 5034377H
Sample ID MW-1-2
Sample Matrix Soil
Sample Date 3/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.2	%			1	5021		3/20/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	5.0	mg/kg	0.095	0.3	10	GRO95/8021		3/23/2018	CJR	1
Ethylbenzene	0.70	mg/kg	0.16	0.5	10	GRO95/8021		3/23/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.25	mg/kg	0.11	0.34	10	GRO95/8021		3/23/2018	CJR	1
Naphthalene	0.44 "J"	mg/kg	0.22	0.7	10	GRO95/8021		3/23/2018	CJR	1
Toluene	0.48	mg/kg	0.13	0.41	10	GRO95/8021		3/23/2018	CJR	1
1,2,4-Trimethylbenzene	0.297 "J"	mg/kg	0.19	0.6	10	GRO95/8021		3/23/2018	CJR	1
1,3,5-Trimethylbenzene	0.54	mg/kg	0.096	0.31	10	GRO95/8021		3/23/2018	CJR	1
m&p-Xylene	3.4	mg/kg	0.13	0.42	10	GRO95/8021		3/23/2018	CJR	1
o-Xylene	< 0.25	mg/kg	0.062	0.2	10	GRO95/8021		3/23/2018	CJR	1

Lab Code 5034377I
Sample ID MW-1-3
Sample Matrix Soil
Sample Date 3/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.5	%			1	5021		3/20/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		3/23/2018	CJR	1
Ethylbenzene	0.0255 "J"	mg/kg	0.016	0.05	1	GRO95/8021		3/23/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		3/23/2018	CJR	1
Naphthalene	0.0293 "J"	mg/kg	0.022	0.07	1	GRO95/8021		3/23/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		3/23/2018	CJR	1
1,2,4-Trimethylbenzene	0.050 "J"	mg/kg	0.019	0.06	1	GRO95/8021		3/23/2018	CJR	1
1,3,5-Trimethylbenzene	0.0294 "J"	mg/kg	0.0096	0.031	1	GRO95/8021		3/23/2018	CJR	1
m&p-Xylene	0.099	mg/kg	0.013	0.042	1	GRO95/8021		3/23/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		3/23/2018	CJR	1

Project Name ELLIS HAND CAR WASH **Invoice #** E34377
Project #

Lab Code 5034377J
Sample ID DRUM COMP
Sample Matrix Soil
Sample Date 3/15/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.4	%			1	5021		3/20/2018	NJC	1
Inorganic										
Metals										
TCLP Lead	< 0.1	mg/l		0.1	1	6010B		3/29/2018	ESC	1
Organic										
General										
Gasoline Range Organics	92	mg/kg	1.65	5.26	1	GRO95/8021		3/22/2018	CJR	1
TCLP										
TCLP Benzene	< 0.05	mg/l	0.05		1	8260B		3/28/2018	ESC	1

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

Code	*Comment*
1	Laboratory QC within limits.

ESC denotes sub contract lab - Certification #998093910

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

Authorized Signature Michael Ricker

CHAIN OF CUSTODY RECORD

Synergy

Environmental Lab, Inc.

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

Chain # № 297

Page 1 of 1

Sample Handling Request

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

Lab I.D. #

Account No. : | Quote No.:

Project #:

Sampler: (signature) [signature]

Project (Name / Location): Ellis Hand Car Wash

Reports To: Donald Miller	Invoice To: Donald Miller
Company New Hope Missionary Baptist	Company c/o METCO
Address 2433 W Roosevelt Dr	Address 709 Gillette St, Ste 3
City State Zip Milwaukee WI 53209	City State Zip La Crosse, WI 54603
Phone (414) 559-3447	Phone (608) 781-8879
FAX	FAX

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-RCRA METALS	TCLP-Lead	TCLP-Benzene	PID/FID
5034377A	Meth Blank	3/14					1		MEOH									X								
B	MW-5-2	3/14	11:45		X		2	S	↓									X								
C	MW-3-3	3/15	8:40		X		2	S	↓									X								
D	MW-2-1	↓	11:00		X		2	S	↓									X								
E	MW-2-2	↓	11:15		X		2	S	↓									X								
F	MW-2-3	↓	11:20		X		2	S	↓									X								
G	MW-1-1	↓	2:00		X		2	S	↓									X								
H	MW-1-2	↓	2:05		X		2	S	↓									X								
I	MW-1-3	↓	2:15		X		2	S	↓									X								
J	Drum Comp	↓	2:40	X			6	S	↓ / Pur		X													X	X	

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

Lab to send copy of report to METCO
U + C Rates
Agent Status

Sample Integrity - To be completed by receiving lab.

Method of Shipment: GO

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

Cooler seal intact upon receipt: X Yes ____ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
[signature]	8:00AM	3/19/18			

Received in Laboratory By: [signature] Time: 8:00 Date: 3/20/18

Synergy Environmental Lab,

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

DONALD MILLER
DONALD MILLER
2433 W ROOSEVELT DRIVE
MILWAUKEE, WI 53209

Report Date *23-May-18*

Project Name ELLIS HAND CAR WASH **Invoice #** E34603
Project #

Lab Code 5034603A
Sample ID MW-4
Sample Matrix Water
Sample Date 5/7/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Iron, Dissolved	0.15		mg/l	0.03	0.1	1	200.7		5/16/2018	CWT	1
Lead, Dissolved		< 0.9	ug/L	0.9	3	1	7421		5/11/2018	CWT	1
Manganese, Dissolved	876		ug/L	4.2	13.8	1	200.7		5/16/2018	CWT	1
Organic											
VOC's											
Benzene		< 0.22	ug/l	0.22	0.71	1	8260B		5/11/2018	MJR	1
Bromobenzene		< 0.44	ug/l	0.44	1.38	1	8260B		5/11/2018	MJR	1
Bromodichloromethane		< 0.33	ug/l	0.33	1.06	1	8260B		5/11/2018	MJR	1
Bromoform		< 0.45	ug/l	0.45	1.44	1	8260B		5/11/2018	MJR	1
tert-Butylbenzene		< 0.25	ug/l	0.25	0.8	1	8260B		5/11/2018	MJR	1
sec-Butylbenzene		< 0.79	ug/l	0.79	2.53	1	8260B		5/11/2018	MJR	1
n-Butylbenzene		< 0.71	ug/l	0.71	2.25	1	8260B		5/11/2018	MJR	1
Carbon Tetrachloride		< 0.31	ug/l	0.31	0.98	1	8260B		5/11/2018	MJR	1
Chlorobenzene		< 0.26	ug/l	0.26	0.83	1	8260B		5/11/2018	MJR	1
Chloroethane		< 0.61	ug/l	0.61	1.95	1	8260B		5/11/2018	MJR	1
Chloroform		< 0.26	ug/l	0.26	0.82	1	8260B		5/11/2018	MJR	1
Chloromethane		< 0.54	ug/l	0.54	1.72	1	8260B		5/11/2018	MJR	1
2-Chlorotoluene		< 0.31	ug/l	0.31	0.98	1	8260B		5/11/2018	MJR	1
4-Chlorotoluene		< 0.26	ug/l	0.26	0.83	1	8260B		5/11/2018	MJR	1
1,2-Dibromo-3-chloropropane		< 2.96	ug/l	2.96	9.43	1	8260B		5/11/2018	MJR	1
Dibromochloromethane		< 0.22	ug/l	0.22	0.69	1	8260B		5/11/2018	MJR	1
1,4-Dichlorobenzene		< 0.7	ug/l	0.7	2.22	1	8260B		5/11/2018	MJR	1
1,3-Dichlorobenzene		< 0.85	ug/l	0.85	2.7	1	8260B		5/11/2018	MJR	1
1,2-Dichlorobenzene		< 0.86	ug/l	0.86	2.74	1	8260B		5/11/2018	MJR	1
Dichlorodifluoromethane		< 0.32	ug/l	0.32	1.02	1	8260B		5/11/2018	MJR	1
1,2-Dichloroethane		< 0.25	ug/l	0.25	0.78	1	8260B		5/11/2018	MJR	1
1,1-Dichloroethane		< 0.36	ug/l	0.36	1.14	1	8260B		5/11/2018	MJR	1
1,1-Dichloroethene		< 0.42	ug/l	0.42	1.34	1	8260B		5/11/2018	MJR	1

Project Name ELLIS HAND CAR WASH **Invoice #** E34603
Project #

Lab Code 5034603A
Sample ID MW-4
Sample Matrix Water
Sample Date 5/7/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
cis-1,2-Dichloroethene		< 0.37	ug/l	0.37	1.16	1	8260B		5/11/2018	MJR	I
trans-1,2-Dichloroethene		< 0.34	ug/l	0.34	1.07	1	8260B		5/11/2018	MJR	I
1,2-Dichloropropane		< 0.44	ug/l	0.44	1.39	1	8260B		5/11/2018	MJR	I
1,3-Dichloropropane		< 0.3	ug/l	0.3	0.94	1	8260B		5/11/2018	MJR	I
trans-1,3-Dichloropropene		< 0.32	ug/l	0.32	1.01	1	8260B		5/11/2018	MJR	I
cis-1,3-Dichloropropene		< 0.26	ug/l	0.26	0.81	1	8260B		5/11/2018	MJR	I
Di-isopropyl ether		< 0.21	ug/l	0.21	0.66	1	8260B		5/11/2018	MJR	I
EDB (1,2-Dibromoethane)		< 0.34	ug/l	0.34	1.09	1	8260B		5/11/2018	MJR	I
Ethylbenzene		< 0.26	ug/l	0.26	0.83	1	8260B		5/11/2018	MJR	I
Hexachlorobutadiene		< 1.34	ug/l	1.34	4.28	1	8260B		5/11/2018	MJR	I
Isopropylbenzene		< 0.78	ug/l	0.78	2.47	1	8260B		5/11/2018	MJR	I
p-Isopropyltoluene		< 0.24	ug/l	0.24	0.76	1	8260B		5/11/2018	MJR	I
Methylene chloride		< 1.32	ug/l	1.32	4.21	1	8260B		5/11/2018	MJR	I
Methyl tert-butyl ether (MTBE)		< 0.28	ug/l	0.28	0.89	1	8260B		5/11/2018	MJR	I
Naphthalene		< 2.1	ug/l	2.1	6.65	1	8260B		5/11/2018	MJR	I
n-Propylbenzene		< 0.61	ug/l	0.61	1.95	1	8260B		5/11/2018	MJR	I
1,1,2,2-Tetrachloroethane		< 0.3	ug/l	0.3	0.97	1	8260B		5/11/2018	MJR	I
1,1,1,2-Tetrachloroethane		< 0.35	ug/l	0.35	1.13	1	8260B		5/11/2018	MJR	I
Tetrachloroethene		< 0.38	ug/l	0.38	1.21	1	8260B		5/11/2018	MJR	I
Toluene		< 0.19	ug/l	0.19	0.6	1	8260B		5/11/2018	MJR	I
1,2,4-Trichlorobenzene		< 1.15	ug/l	1.15	3.67	1	8260B		5/11/2018	MJR	I
1,2,3-Trichlorobenzene		< 1.71	ug/l	1.71	5.43	1	8260B		5/11/2018	MJR	I
1,1,1-Trichloroethane		< 0.33	ug/l	0.33	1.05	1	8260B		5/11/2018	MJR	I
1,1,2-Trichloroethane		< 0.42	ug/l	0.42	1.32	1	8260B		5/11/2018	MJR	I
Trichloroethene (TCE)		< 0.3	ug/l	0.3	0.94	1	8260B		5/11/2018	MJR	I
Trichlorofluoromethane		< 0.35	ug/l	0.35	1.1	1	8260B		5/11/2018	MJR	I
1,2,4-Trimethylbenzene		< 0.8	ug/l	0.8	2.55	1	8260B		5/11/2018	MJR	I
1,3,5-Trimethylbenzene		< 0.63	ug/l	0.63	2	1	8260B		5/11/2018	MJR	I
Vinyl Chloride		< 0.2	ug/l	0.2	0.65	1	8260B		5/11/2018	MJR	I
m&p-Xylene		< 0.43	ug/l	0.43	1.38	1	8260B		5/11/2018	MJR	I
o-Xylene		< 0.29	ug/l	0.29	0.93	1	8260B		5/11/2018	MJR	I
SUR - 1,2-Dichloroethane-d4	105		REC %			1	8260B		5/11/2018	MJR	I
SUR - 4-Bromofluorobenzene	97		REC %			1	8260B		5/11/2018	MJR	I
SUR - Dibromofluoromethane	111		REC %			1	8260B		5/11/2018	MJR	I
SUR - Toluene-d8	86		REC %			1	8260B		5/11/2018	MJR	I
Wet Chemistry											
General											
Nitrite Plus Nitrate, Dissolved		< 0.36	mg/l	0.36	1.15	1	353.2		5/22/2018	NJC	I
Sulfate, Filtered	132		mg/l	6.75	21.5	5	ASTM D516-		5/11/2018	NJC	I

Project Name ELLIS HAND CAR WASH **Invoice #** E34603
Project #

Lab Code 5034603B
Sample ID MW-6
Sample Matrix Water
Sample Date 5/7/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Iron, Dissolved		< 0.03	mg/l	0.03	0.1	1	200.7		5/16/2018	CWT	1
Lead, Dissolved		< 0.9	ug/L	0.9	3	1	7421		5/11/2018	CWT	1
Manganese, Dissolved	1270		ug/L	4.2	13.8	1	200.7		5/16/2018	CWT	1
Organic											
VOC's											
Benzene		< 0.22	ug/l	0.22	0.71	1	8260B		5/10/2018	CJR	1
Bromobenzene		< 0.44	ug/l	0.44	1.38	1	8260B		5/10/2018	CJR	1
Bromodichloromethane		< 0.33	ug/l	0.33	1.06	1	8260B		5/10/2018	CJR	1
Bromoform		< 0.45	ug/l	0.45	1.44	1	8260B		5/10/2018	CJR	1
tert-Butylbenzene		< 0.25	ug/l	0.25	0.8	1	8260B		5/10/2018	CJR	1
sec-Butylbenzene		< 0.79	ug/l	0.79	2.53	1	8260B		5/10/2018	CJR	1
n-Butylbenzene		< 0.71	ug/l	0.71	2.25	1	8260B		5/10/2018	CJR	1
Carbon Tetrachloride		< 0.31	ug/l	0.31	0.98	1	8260B		5/10/2018	CJR	1
Chlorobenzene		< 0.26	ug/l	0.26	0.83	1	8260B		5/10/2018	CJR	1
Chloroethane		< 0.61	ug/l	0.61	1.95	1	8260B		5/10/2018	CJR	1
Chloroform		< 0.26	ug/l	0.26	0.82	1	8260B		5/10/2018	CJR	1
Chloromethane		< 0.54	ug/l	0.54	1.72	1	8260B		5/10/2018	CJR	1
2-Chlorotoluene		< 0.31	ug/l	0.31	0.98	1	8260B		5/10/2018	CJR	1
4-Chlorotoluene		< 0.26	ug/l	0.26	0.83	1	8260B		5/10/2018	CJR	1
1,2-Dibromo-3-chloropropane		< 2.96	ug/l	2.96	9.43	1	8260B		5/10/2018	CJR	1
Dibromochloromethane		< 0.22	ug/l	0.22	0.69	1	8260B		5/10/2018	CJR	1
1,4-Dichlorobenzene		< 0.7	ug/l	0.7	2.22	1	8260B		5/10/2018	CJR	1
1,3-Dichlorobenzene		< 0.85	ug/l	0.85	2.7	1	8260B		5/10/2018	CJR	1
1,2-Dichlorobenzene		< 0.86	ug/l	0.86	2.74	1	8260B		5/10/2018	CJR	1
Dichlorodifluoromethane		< 0.32	ug/l	0.32	1.02	1	8260B		5/10/2018	CJR	1
1,2-Dichloroethane		< 0.25	ug/l	0.25	0.78	1	8260B		5/10/2018	CJR	1
1,1-Dichloroethane		< 0.36	ug/l	0.36	1.14	1	8260B		5/10/2018	CJR	1
1,1-Dichloroethene		< 0.42	ug/l	0.42	1.34	1	8260B		5/10/2018	CJR	1
cis-1,2-Dichloroethene		< 0.37	ug/l	0.37	1.16	1	8260B		5/10/2018	CJR	1
trans-1,2-Dichloroethene		< 0.34	ug/l	0.34	1.07	1	8260B		5/10/2018	CJR	1
1,2-Dichloropropane		< 0.44	ug/l	0.44	1.39	1	8260B		5/10/2018	CJR	1
1,3-Dichloropropane		< 0.3	ug/l	0.3	0.94	1	8260B		5/10/2018	CJR	1
trans-1,3-Dichloropropene		< 0.32	ug/l	0.32	1.01	1	8260B		5/10/2018	CJR	1
cis-1,3-Dichloropropene		< 0.26	ug/l	0.26	0.81	1	8260B		5/10/2018	CJR	1
Di-isopropyl ether		< 0.21	ug/l	0.21	0.66	1	8260B		5/10/2018	CJR	1
EDB (1,2-Dibromoethane)		< 0.34	ug/l	0.34	1.09	1	8260B		5/10/2018	CJR	1
Ethylbenzene		< 0.26	ug/l	0.26	0.83	1	8260B		5/10/2018	CJR	1
Hexachlorobutadiene		< 1.34	ug/l	1.34	4.28	1	8260B		5/10/2018	CJR	1
Isopropylbenzene		< 0.78	ug/l	0.78	2.47	1	8260B		5/10/2018	CJR	1
p-Isopropyltoluene		< 0.24	ug/l	0.24	0.76	1	8260B		5/10/2018	CJR	1
Methylene chloride		< 1.32	ug/l	1.32	4.21	1	8260B		5/10/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.28	ug/l	0.28	0.89	1	8260B		5/10/2018	CJR	1
Naphthalene		< 2.1	ug/l	2.1	6.65	1	8260B		5/10/2018	CJR	1
n-Propylbenzene		< 0.61	ug/l	0.61	1.95	1	8260B		5/10/2018	CJR	1
1,1,2,2-Tetrachloroethane		< 0.3	ug/l	0.3	0.97	1	8260B		5/10/2018	CJR	1
1,1,1,2-Tetrachloroethane		< 0.35	ug/l	0.35	1.13	1	8260B		5/10/2018	CJR	1
Tetrachloroethene		< 0.38	ug/l	0.38	1.21	1	8260B		5/10/2018	CJR	1
Toluene		< 0.19	ug/l	0.19	0.6	1	8260B		5/10/2018	CJR	1
1,2,4-Trichlorobenzene		< 1.15	ug/l	1.15	3.67	1	8260B		5/10/2018	CJR	1

Project Name ELLIS HAND CAR WASH **Invoice #** E34603
Project #

Lab Code 5034603B
Sample ID MW-6
Sample Matrix Water
Sample Date 5/7/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene		< 1.71	ug/l	1.71	5.43	1	8260B		5/10/2018	CJR	1
1,1,1-Trichloroethane		< 0.33	ug/l	0.33	1.05	1	8260B		5/10/2018	CJR	1
1,1,2-Trichloroethane		< 0.42	ug/l	0.42	1.32	1	8260B		5/10/2018	CJR	1
Trichloroethene (TCE)		< 0.3	ug/l	0.3	0.94	1	8260B		5/10/2018	CJR	1
Trichlorofluoromethane		< 0.35	ug/l	0.35	1.1	1	8260B		5/10/2018	CJR	1
1,2,4-Trimethylbenzene		< 0.8	ug/l	0.8	2.55	1	8260B		5/10/2018	CJR	1
1,3,5-Trimethylbenzene		< 0.63	ug/l	0.63	2	1	8260B		5/10/2018	CJR	1
Vinyl Chloride		< 0.2	ug/l	0.2	0.65	1	8260B		5/10/2018	CJR	1
m&p-Xylene		< 0.43	ug/l	0.43	1.38	1	8260B		5/10/2018	CJR	1
o-Xylene		< 0.29	ug/l	0.29	0.93	1	8260B		5/10/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	91		REC %			1	8260B		5/10/2018	CJR	1
SUR - 4-Bromofluorobenzene	97		REC %			1	8260B		5/10/2018	CJR	1
SUR - Dibromofluoromethane	99		REC %			1	8260B		5/10/2018	CJR	1
SUR - Toluene-d8	104		REC %			1	8260B		5/10/2018	CJR	1
Wet Chemistry											
General											
Nitrite Plus Nitrate, Dissolved		< 0.36	mg/l	0.36	1.15	1	353.2		5/22/2018	NJC	1
Sulfate, Filtered	124		mg/l	27	86	20	ASTM D516-		5/11/2018	NJC	1

Project Name ELLIS HAND CAR WASH **Invoice #** E34603
Project #

Lab Code 5034603C
Sample ID MW-3
Sample Matrix Water
Sample Date 5/7/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Iron, Dissolved		< 0.03	mg/l	0.03	0.1	1	200.7		5/16/2018	CWT	1
Lead, Dissolved		< 0.9	ug/L	0.9	3	1	7421		5/11/2018	CWT	1
Manganese, Dissolved	1310		ug/L	4.2	13.8	1	200.7		5/16/2018	CWT	1
Organic											
VOC's											
Benzene		< 0.22	ug/l	0.22	0.71	1	8260B		5/10/2018	CJR	1
Bromobenzene		< 0.44	ug/l	0.44	1.38	1	8260B		5/10/2018	CJR	1
Bromodichloromethane		< 0.33	ug/l	0.33	1.06	1	8260B		5/10/2018	CJR	1
Bromoform		< 0.45	ug/l	0.45	1.44	1	8260B		5/10/2018	CJR	1
tert-Butylbenzene		< 0.25	ug/l	0.25	0.8	1	8260B		5/10/2018	CJR	1
sec-Butylbenzene		< 0.79	ug/l	0.79	2.53	1	8260B		5/10/2018	CJR	1
n-Butylbenzene		< 0.71	ug/l	0.71	2.25	1	8260B		5/10/2018	CJR	1
Carbon Tetrachloride		< 0.31	ug/l	0.31	0.98	1	8260B		5/10/2018	CJR	1
Chlorobenzene		< 0.26	ug/l	0.26	0.83	1	8260B		5/10/2018	CJR	1
Chloroethane		< 0.61	ug/l	0.61	1.95	1	8260B		5/10/2018	CJR	1
Chloroform		< 0.26	ug/l	0.26	0.82	1	8260B		5/10/2018	CJR	1
Chloromethane		< 0.54	ug/l	0.54	1.72	1	8260B		5/10/2018	CJR	1
2-Chlorotoluene		< 0.31	ug/l	0.31	0.98	1	8260B		5/10/2018	CJR	1
4-Chlorotoluene		< 0.26	ug/l	0.26	0.83	1	8260B		5/10/2018	CJR	1
1,2-Dibromo-3-chloropropane		< 2.96	ug/l	2.96	9.43	1	8260B		5/10/2018	CJR	1
Dibromochloromethane		< 0.22	ug/l	0.22	0.69	1	8260B		5/10/2018	CJR	1
1,4-Dichlorobenzene		< 0.7	ug/l	0.7	2.22	1	8260B		5/10/2018	CJR	1
1,3-Dichlorobenzene		< 0.85	ug/l	0.85	2.7	1	8260B		5/10/2018	CJR	1
1,2-Dichlorobenzene		< 0.86	ug/l	0.86	2.74	1	8260B		5/10/2018	CJR	1
Dichlorodifluoromethane		< 0.32	ug/l	0.32	1.02	1	8260B		5/10/2018	CJR	1
1,2-Dichloroethane		< 0.25	ug/l	0.25	0.78	1	8260B		5/10/2018	CJR	1
1,1-Dichloroethane		< 0.36	ug/l	0.36	1.14	1	8260B		5/10/2018	CJR	1
1,1-Dichloroethene		< 0.42	ug/l	0.42	1.34	1	8260B		5/10/2018	CJR	1
cis-1,2-Dichloroethene		< 0.37	ug/l	0.37	1.16	1	8260B		5/10/2018	CJR	1
trans-1,2-Dichloroethene		< 0.34	ug/l	0.34	1.07	1	8260B		5/10/2018	CJR	1
1,2-Dichloropropane		< 0.44	ug/l	0.44	1.39	1	8260B		5/10/2018	CJR	1
1,3-Dichloropropane		< 0.3	ug/l	0.3	0.94	1	8260B		5/10/2018	CJR	1
trans-1,3-Dichloropropene		< 0.32	ug/l	0.32	1.01	1	8260B		5/10/2018	CJR	1
cis-1,3-Dichloropropene		< 0.26	ug/l	0.26	0.81	1	8260B		5/10/2018	CJR	1
Di-isopropyl ether		< 0.21	ug/l	0.21	0.66	1	8260B		5/10/2018	CJR	1
EDB (1,2-Dibromoethane)		< 0.34	ug/l	0.34	1.09	1	8260B		5/10/2018	CJR	1
Ethylbenzene		< 0.26	ug/l	0.26	0.83	1	8260B		5/10/2018	CJR	1
Hexachlorobutadiene		< 1.34	ug/l	1.34	4.28	1	8260B		5/10/2018	CJR	1
Isopropylbenzene		< 0.78	ug/l	0.78	2.47	1	8260B		5/10/2018	CJR	1
p-Isopropyltoluene		< 0.24	ug/l	0.24	0.76	1	8260B		5/10/2018	CJR	1
Methylene chloride		< 1.32	ug/l	1.32	4.21	1	8260B		5/10/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.28	ug/l	0.28	0.89	1	8260B		5/10/2018	CJR	1
Naphthalene		< 2.1	ug/l	2.1	6.65	1	8260B		5/10/2018	CJR	1
n-Propylbenzene		< 0.61	ug/l	0.61	1.95	1	8260B		5/10/2018	CJR	1
1,1,2,2-Tetrachloroethane		< 0.3	ug/l	0.3	0.97	1	8260B		5/10/2018	CJR	1
1,1,1,2-Tetrachloroethane		< 0.35	ug/l	0.35	1.13	1	8260B		5/10/2018	CJR	1
Tetrachloroethene		< 0.38	ug/l	0.38	1.21	1	8260B		5/10/2018	CJR	1
Toluene		< 0.19	ug/l	0.19	0.6	1	8260B		5/10/2018	CJR	1
1,2,4-Trichlorobenzene		< 1.15	ug/l	1.15	3.67	1	8260B		5/10/2018	CJR	1

Project Name ELLIS HAND CAR WASH **Invoice #** E34603
Project #

Lab Code 5034603C
Sample ID MW-3
Sample Matrix Water
Sample Date 5/7/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene		< 1.71	ug/l	1.71	5.43	1	8260B		5/10/2018	CJR	1
1,1,1-Trichloroethane		< 0.33	ug/l	0.33	1.05	1	8260B		5/10/2018	CJR	1
1,1,2-Trichloroethane		< 0.42	ug/l	0.42	1.32	1	8260B		5/10/2018	CJR	1
Trichloroethene (TCE)		< 0.3	ug/l	0.3	0.94	1	8260B		5/10/2018	CJR	1
Trichlorofluoromethane		< 0.35	ug/l	0.35	1.1	1	8260B		5/10/2018	CJR	1
1,2,4-Trimethylbenzene		< 0.8	ug/l	0.8	2.55	1	8260B		5/10/2018	CJR	1
1,3,5-Trimethylbenzene		< 0.63	ug/l	0.63	2	1	8260B		5/10/2018	CJR	1
Vinyl Chloride		< 0.2	ug/l	0.2	0.65	1	8260B		5/10/2018	CJR	1
m&p-Xylene		< 0.43	ug/l	0.43	1.38	1	8260B		5/10/2018	CJR	1
o-Xylene		< 0.29	ug/l	0.29	0.93	1	8260B		5/10/2018	CJR	1
SUR - Dibromofluoromethane	100		REC %			1	8260B		5/10/2018	CJR	1
SUR - Toluene-d8	107		REC %			1	8260B		5/10/2018	CJR	1
SUR - 4-Bromofluorobenzene	98		REC %			1	8260B		5/10/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	99		REC %			1	8260B		5/10/2018	CJR	1
Wet Chemistry											
General											
Nitrite Plus Nitrate, Dissolved		< 0.36	mg/l	0.36	1.15	1	353.2		5/22/2018	NJC	1
Sulfate, Filtered	52.6		mg/l	2.7	8.6	2	ASTM D516-		5/11/2018	NJC	1

Project Name ELLIS HAND CAR WASH **Invoice #** E34603
Project #

Lab Code 5034603D
Sample ID MW-5
Sample Matrix Water
Sample Date 5/7/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Iron, Dissolved		< 0.03	mg/l	0.03	0.1	1	200.7		5/16/2018	CWT	1
Lead, Dissolved		< 0.9	ug/L	0.9	3	1	7421		5/11/2018	CWT	1
Manganese, Dissolved	1590		ug/L	4.2	13.8	1	200.7		5/16/2018	CWT	1
Organic											
VOC's											
Benzene	0.35 "J"		ug/l	0.22	0.71	1	8260B		5/10/2018	CJR	1
Bromobenzene		< 0.44	ug/l	0.44	1.38	1	8260B		5/10/2018	CJR	1
Bromodichloromethane		< 0.33	ug/l	0.33	1.06	1	8260B		5/10/2018	CJR	1
Bromoform		< 0.45	ug/l	0.45	1.44	1	8260B		5/10/2018	CJR	1
tert-Butylbenzene		< 0.25	ug/l	0.25	0.8	1	8260B		5/10/2018	CJR	1
sec-Butylbenzene		< 0.79	ug/l	0.79	2.53	1	8260B		5/10/2018	CJR	1
n-Butylbenzene		< 0.71	ug/l	0.71	2.25	1	8260B		5/10/2018	CJR	1
Carbon Tetrachloride		< 0.31	ug/l	0.31	0.98	1	8260B		5/10/2018	CJR	1
Chlorobenzene		< 0.26	ug/l	0.26	0.83	1	8260B		5/10/2018	CJR	1
Chloroethane		< 0.61	ug/l	0.61	1.95	1	8260B		5/10/2018	CJR	1
Chloroform		< 0.26	ug/l	0.26	0.82	1	8260B		5/10/2018	CJR	1
Chloromethane		< 0.54	ug/l	0.54	1.72	1	8260B		5/10/2018	CJR	1
2-Chlorotoluene		< 0.31	ug/l	0.31	0.98	1	8260B		5/10/2018	CJR	1
4-Chlorotoluene		< 0.26	ug/l	0.26	0.83	1	8260B		5/10/2018	CJR	1
1,2-Dibromo-3-chloropropane		< 2.96	ug/l	2.96	9.43	1	8260B		5/10/2018	CJR	1
Dibromochloromethane		< 0.22	ug/l	0.22	0.69	1	8260B		5/10/2018	CJR	1
1,4-Dichlorobenzene		< 0.7	ug/l	0.7	2.22	1	8260B		5/10/2018	CJR	1
1,3-Dichlorobenzene		< 0.85	ug/l	0.85	2.7	1	8260B		5/10/2018	CJR	1
1,2-Dichlorobenzene		< 0.86	ug/l	0.86	2.74	1	8260B		5/10/2018	CJR	1
Dichlorodifluoromethane		< 0.32	ug/l	0.32	1.02	1	8260B		5/10/2018	CJR	1
1,2-Dichloroethane		< 0.25	ug/l	0.25	0.78	1	8260B		5/10/2018	CJR	1
1,1-Dichloroethane		< 0.36	ug/l	0.36	1.14	1	8260B		5/10/2018	CJR	1
1,1-Dichloroethene		< 0.42	ug/l	0.42	1.34	1	8260B		5/10/2018	CJR	1
cis-1,2-Dichloroethene		< 0.37	ug/l	0.37	1.16	1	8260B		5/10/2018	CJR	1
trans-1,2-Dichloroethene		< 0.34	ug/l	0.34	1.07	1	8260B		5/10/2018	CJR	1
1,2-Dichloropropane		< 0.44	ug/l	0.44	1.39	1	8260B		5/10/2018	CJR	1
1,3-Dichloropropane		< 0.3	ug/l	0.3	0.94	1	8260B		5/10/2018	CJR	1
trans-1,3-Dichloropropene		< 0.32	ug/l	0.32	1.01	1	8260B		5/10/2018	CJR	1
cis-1,3-Dichloropropene		< 0.26	ug/l	0.26	0.81	1	8260B		5/10/2018	CJR	1
Di-isopropyl ether		< 0.21	ug/l	0.21	0.66	1	8260B		5/10/2018	CJR	1
EDB (1,2-Dibromoethane)		< 0.34	ug/l	0.34	1.09	1	8260B		5/10/2018	CJR	1
Ethylbenzene		< 0.26	ug/l	0.26	0.83	1	8260B		5/10/2018	CJR	1
Hexachlorobutadiene		< 1.34	ug/l	1.34	4.28	1	8260B		5/10/2018	CJR	1
Isopropylbenzene		< 0.78	ug/l	0.78	2.47	1	8260B		5/10/2018	CJR	1
p-Isopropyltoluene		< 0.24	ug/l	0.24	0.76	1	8260B		5/10/2018	CJR	1
Methylene chloride		< 1.32	ug/l	1.32	4.21	1	8260B		5/10/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.28	ug/l	0.28	0.89	1	8260B		5/10/2018	CJR	1
Naphthalene		< 2.1	ug/l	2.1	6.65	1	8260B		5/10/2018	CJR	1
n-Propylbenzene		< 0.61	ug/l	0.61	1.95	1	8260B		5/10/2018	CJR	1
1,1,2,2-Tetrachloroethane		< 0.3	ug/l	0.3	0.97	1	8260B		5/10/2018	CJR	1
1,1,1,2-Tetrachloroethane		< 0.35	ug/l	0.35	1.13	1	8260B		5/10/2018	CJR	1
Tetrachloroethene		< 0.38	ug/l	0.38	1.21	1	8260B		5/10/2018	CJR	1
Toluene		< 0.19	ug/l	0.19	0.6	1	8260B		5/10/2018	CJR	1
1,2,4-Trichlorobenzene		< 1.15	ug/l	1.15	3.67	1	8260B		5/10/2018	CJR	1

Project Name ELLIS HAND CAR WASH **Invoice #** E34603
Project #

Lab Code 5034603D
Sample ID MW-5
Sample Matrix Water
Sample Date 5/7/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene		< 1.71	ug/l	1.71	5.43	1	8260B		5/10/2018	CJR	1
1,1,1-Trichloroethane		< 0.33	ug/l	0.33	1.05	1	8260B		5/10/2018	CJR	1
1,1,2-Trichloroethane		< 0.42	ug/l	0.42	1.32	1	8260B		5/10/2018	CJR	1
Trichloroethene (TCE)		< 0.3	ug/l	0.3	0.94	1	8260B		5/10/2018	CJR	1
Trichlorofluoromethane		< 0.35	ug/l	0.35	1.1	1	8260B		5/10/2018	CJR	1
1,2,4-Trimethylbenzene		< 0.8	ug/l	0.8	2.55	1	8260B		5/10/2018	CJR	1
1,3,5-Trimethylbenzene		< 0.63	ug/l	0.63	2	1	8260B		5/10/2018	CJR	1
Vinyl Chloride		< 0.2	ug/l	0.2	0.65	1	8260B		5/10/2018	CJR	1
m&p-Xylene		< 0.43	ug/l	0.43	1.38	1	8260B		5/10/2018	CJR	1
o-Xylene		< 0.29	ug/l	0.29	0.93	1	8260B		5/10/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	101		REC %			1	8260B		5/10/2018	CJR	1
SUR - 4-Bromofluorobenzene	93		REC %			1	8260B		5/10/2018	CJR	1
SUR - Dibromofluoromethane	102		REC %			1	8260B		5/10/2018	CJR	1
SUR - Toluene-d8	101		REC %			1	8260B		5/10/2018	CJR	1
Wet Chemistry											
General											
Nitrite Plus Nitrate, Dissolved	0.59 "J"		mg/l	0.36	1.15	1	353.2		5/22/2018	NJC	1
Sulfate, Filtered	69.9		mg/l	2.7	8.6	2	ASTM D516-		5/11/2018	NJC	1

Project Name ELLIS HAND CAR WASH **Invoice #** E34603
Project #

Lab Code 5034603E
Sample ID MW-2
Sample Matrix Water
Sample Date 5/7/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Iron, Dissolved	0.04 "J"		mg/l	0.03	0.1	1	200.7		5/16/2018	CWT	1
Lead, Dissolved		< 0.9	ug/L	0.9	3	1	7421		5/17/2018	CWT	1
Manganese, Dissolved	1120		ug/L	4.2	13.8	1	200.7		5/16/2018	CWT	1
Organic											
VOC's											
Benzene	7.8		ug/l	0.22	0.71	1	8260B		5/10/2018	CJR	1
Bromobenzene		< 0.44	ug/l	0.44	1.38	1	8260B		5/10/2018	CJR	1
Bromodichloromethane		< 0.33	ug/l	0.33	1.06	1	8260B		5/10/2018	CJR	1
Bromoform		< 0.45	ug/l	0.45	1.44	1	8260B		5/10/2018	CJR	1
tert-Butylbenzene		< 0.25	ug/l	0.25	0.8	1	8260B		5/10/2018	CJR	1
sec-Butylbenzene	1.06 "J"		ug/l	0.79	2.53	1	8260B		5/10/2018	CJR	1
n-Butylbenzene	1.21 "J"		ug/l	0.71	2.25	1	8260B		5/10/2018	CJR	1
Carbon Tetrachloride		< 0.31	ug/l	0.31	0.98	1	8260B		5/10/2018	CJR	1
Chlorobenzene		< 0.26	ug/l	0.26	0.83	1	8260B		5/10/2018	CJR	1
Chloroethane		< 0.61	ug/l	0.61	1.95	1	8260B		5/10/2018	CJR	1
Chloroform		< 0.26	ug/l	0.26	0.82	1	8260B		5/10/2018	CJR	1
Chloromethane		< 0.54	ug/l	0.54	1.72	1	8260B		5/10/2018	CJR	1
2-Chlorotoluene		< 0.31	ug/l	0.31	0.98	1	8260B		5/10/2018	CJR	1
4-Chlorotoluene		< 0.26	ug/l	0.26	0.83	1	8260B		5/10/2018	CJR	1
1,2-Dibromo-3-chloropropane		< 2.96	ug/l	2.96	9.43	1	8260B		5/10/2018	CJR	1
Dibromochloromethane		< 0.22	ug/l	0.22	0.69	1	8260B		5/10/2018	CJR	1
1,4-Dichlorobenzene		< 0.7	ug/l	0.7	2.22	1	8260B		5/10/2018	CJR	1
1,3-Dichlorobenzene		< 0.85	ug/l	0.85	2.7	1	8260B		5/10/2018	CJR	1
1,2-Dichlorobenzene		< 0.86	ug/l	0.86	2.74	1	8260B		5/10/2018	CJR	1
Dichlorodifluoromethane		< 0.32	ug/l	0.32	1.02	1	8260B		5/10/2018	CJR	1
1,2-Dichloroethane		< 0.25	ug/l	0.25	0.78	1	8260B		5/10/2018	CJR	1
1,1-Dichloroethane		< 0.36	ug/l	0.36	1.14	1	8260B		5/10/2018	CJR	1
1,1-Dichloroethene		< 0.42	ug/l	0.42	1.34	1	8260B		5/10/2018	CJR	1
cis-1,2-Dichloroethene		< 0.37	ug/l	0.37	1.16	1	8260B		5/10/2018	CJR	1
trans-1,2-Dichloroethene		< 0.34	ug/l	0.34	1.07	1	8260B		5/10/2018	CJR	1
1,2-Dichloropropane		< 0.44	ug/l	0.44	1.39	1	8260B		5/10/2018	CJR	1
1,3-Dichloropropane		< 0.3	ug/l	0.3	0.94	1	8260B		5/10/2018	CJR	1
trans-1,3-Dichloropropene		< 0.32	ug/l	0.32	1.01	1	8260B		5/10/2018	CJR	1
cis-1,3-Dichloropropene		< 0.26	ug/l	0.26	0.81	1	8260B		5/10/2018	CJR	1
Di-isopropyl ether		< 0.21	ug/l	0.21	0.66	1	8260B		5/10/2018	CJR	1
EDB (1,2-Dibromoethane)		< 0.34	ug/l	0.34	1.09	1	8260B		5/10/2018	CJR	1
Ethylbenzene	1.31		ug/l	0.26	0.83	1	8260B		5/10/2018	CJR	1
Hexachlorobutadiene		< 1.34	ug/l	1.34	4.28	1	8260B		5/10/2018	CJR	1
Isopropylbenzene	7.7		ug/l	0.78	2.47	1	8260B		5/10/2018	CJR	1
p-Isopropyltoluene	1.31		ug/l	0.24	0.76	1	8260B		5/10/2018	CJR	1
Methylene chloride		< 1.32	ug/l	1.32	4.21	1	8260B		5/10/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.28	ug/l	0.28	0.89	1	8260B		5/10/2018	CJR	1
Naphthalene		< 2.1	ug/l	2.1	6.65	1	8260B		5/10/2018	CJR	1
n-Propylbenzene	10.3		ug/l	0.61	1.95	1	8260B		5/10/2018	CJR	1
1,1,2,2-Tetrachloroethane		< 0.3	ug/l	0.3	0.97	1	8260B		5/10/2018	CJR	1
1,1,1,2-Tetrachloroethane		< 0.35	ug/l	0.35	1.13	1	8260B		5/10/2018	CJR	1
Tetrachloroethene		< 0.38	ug/l	0.38	1.21	1	8260B		5/10/2018	CJR	1
Toluene	1.26		ug/l	0.19	0.6	1	8260B		5/10/2018	CJR	1
1,2,4-Trichlorobenzene		< 1.15	ug/l	1.15	3.67	1	8260B		5/10/2018	CJR	1

Project Name ELLIS HAND CAR WASH **Invoice #** E34603
Project #

Lab Code 5034603E
Sample ID MW-2
Sample Matrix Water
Sample Date 5/7/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene		< 1.71	ug/l	1.71	5.43	1	8260B		5/10/2018	CJR	1
1,1,1-Trichloroethane		< 0.33	ug/l	0.33	1.05	1	8260B		5/10/2018	CJR	1
1,1,2-Trichloroethane		< 0.42	ug/l	0.42	1.32	1	8260B		5/10/2018	CJR	1
Trichloroethene (TCE)		< 0.3	ug/l	0.3	0.94	1	8260B		5/10/2018	CJR	1
Trichlorofluoromethane		< 0.35	ug/l	0.35	1.1	1	8260B		5/10/2018	CJR	1
1,2,4-Trimethylbenzene		< 0.8	ug/l	0.8	2.55	1	8260B		5/10/2018	CJR	1
1,3,5-Trimethylbenzene		< 0.63	ug/l	0.63	2	1	8260B		5/10/2018	CJR	1
Vinyl Chloride		< 0.2	ug/l	0.2	0.65	1	8260B		5/10/2018	CJR	1
m&p-Xylene	1.62		ug/l	0.43	1.38	1	8260B		5/10/2018	CJR	1
o-Xylene		< 0.29	ug/l	0.29	0.93	1	8260B		5/10/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	95		REC %			1	8260B		5/10/2018	CJR	1
SUR - 4-Bromofluorobenzene	103		REC %			1	8260B		5/10/2018	CJR	1
SUR - Dibromofluoromethane	94		REC %			1	8260B		5/10/2018	CJR	1
SUR - Toluene-d8	105		REC %			1	8260B		5/10/2018	CJR	1
Wet Chemistry											
General											
Nitrite Plus Nitrate, Dissolved		< 0.36	mg/l	0.36	1.15	1	353.2		5/22/2018	NJC	1
Sulfate, Filtered	106		mg/l	6.75	21.5	5	ASTM D516-		5/11/2018	NJC	1

Project Name ELLIS HAND CAR WASH **Invoice #** E34603
Project #

Lab Code 5034603F
Sample ID MW-1
Sample Matrix Water
Sample Date 5/7/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Iron, Dissolved	0.04 "J"		mg/l	0.03	0.1	1	200.7		5/16/2018	CWT	1
Lead, Dissolved	6.6		ug/L	0.9	3	1	7421		5/17/2018	CWT	1
Manganese, Dissolved	1800		ug/L	4.2	13.8	1	200.7		5/16/2018	CWT	1
Organic											
VOC's											
Benzene	2970		ug/l	11	35.5	50	8260B		5/11/2018	CJR	1
Bromobenzene		< 4.4	ug/l	4.4	13.8	10	8260B		5/11/2018	CJR	1
Bromodichloromethane		< 3.3	ug/l	3.3	10.6	10	8260B		5/11/2018	CJR	1
Bromoform		< 4.5	ug/l	4.5	14.4	10	8260B		5/11/2018	CJR	1
tert-Butylbenzene		< 2.5	ug/l	2.5	8	10	8260B		5/11/2018	CJR	1
sec-Butylbenzene		< 7.9	ug/l	7.9	25.3	10	8260B		5/11/2018	CJR	1
n-Butylbenzene	21.8 "J"		ug/l	7.1	22.5	10	8260B		5/11/2018	CJR	1
Carbon Tetrachloride		< 3.1	ug/l	3.1	9.8	10	8260B		5/11/2018	CJR	1
Chlorobenzene		< 2.6	ug/l	2.6	8.3	10	8260B		5/11/2018	CJR	1
Chloroethane		< 6.1	ug/l	6.1	19.5	10	8260B		5/11/2018	CJR	1
Chloroform		< 2.6	ug/l	2.6	8.2	10	8260B		5/11/2018	CJR	1
Chloromethane		< 5.4	ug/l	5.4	17.2	10	8260B		5/11/2018	CJR	1
2-Chlorotoluene		< 3.1	ug/l	3.1	9.8	10	8260B		5/11/2018	CJR	1
4-Chlorotoluene		< 2.6	ug/l	2.6	8.3	10	8260B		5/11/2018	CJR	1
1,2-Dibromo-3-chloropropane		< 29.6	ug/l	29.6	94.3	10	8260B		5/11/2018	CJR	1
Dibromochloromethane		< 2.2	ug/l	2.2	6.9	10	8260B		5/11/2018	CJR	1
1,4-Dichlorobenzene		< 7	ug/l	7	22.2	10	8260B		5/11/2018	CJR	1
1,3-Dichlorobenzene		< 8.5	ug/l	8.5	27	10	8260B		5/11/2018	CJR	1
1,2-Dichlorobenzene		< 8.6	ug/l	8.6	27.4	10	8260B		5/11/2018	CJR	1
Dichlorodifluoromethane		< 3.2	ug/l	3.2	10.2	10	8260B		5/11/2018	CJR	1
1,2-Dichloroethane		< 2.5	ug/l	2.5	7.8	10	8260B		5/11/2018	CJR	1
1,1-Dichloroethane		< 3.6	ug/l	3.6	11.4	10	8260B		5/11/2018	CJR	1
1,1-Dichloroethene		< 4.2	ug/l	4.2	13.4	10	8260B		5/11/2018	CJR	1
cis-1,2-Dichloroethene		< 3.7	ug/l	3.7	11.6	10	8260B		5/11/2018	CJR	1
trans-1,2-Dichloroethene		< 3.4	ug/l	3.4	10.7	10	8260B		5/11/2018	CJR	1
1,2-Dichloropropane		< 4.4	ug/l	4.4	13.9	10	8260B		5/11/2018	CJR	1
1,3-Dichloropropane		< 3	ug/l	3	9.4	10	8260B		5/11/2018	CJR	1
trans-1,3-Dichloropropene		< 3.2	ug/l	3.2	10.1	10	8260B		5/11/2018	CJR	1
cis-1,3-Dichloropropene		< 2.6	ug/l	2.6	8.1	10	8260B		5/11/2018	CJR	1
Di-isopropyl ether		< 2.1	ug/l	2.1	6.6	10	8260B		5/11/2018	CJR	1
EDB (1,2-Dibromoethane)		< 3.4	ug/l	3.4	10.9	10	8260B		5/11/2018	CJR	1
Ethylbenzene	820		ug/l	2.6	8.3	10	8260B		5/11/2018	CJR	1
Hexachlorobutadiene		< 13.4	ug/l	13.4	42.8	10	8260B		5/11/2018	CJR	1
Isopropylbenzene	22.2 "J"		ug/l	7.8	24.7	10	8260B		5/11/2018	CJR	1
p-Isopropyltoluene	2.7 "J"		ug/l	2.4	7.6	10	8260B		5/11/2018	CJR	1
Methylene chloride		< 13	ug/l	13.2	42.1	10	8260B		5/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 2.8	ug/l	2.8	8.9	10	8260B		5/11/2018	CJR	1
Naphthalene	110		ug/l	21	66.5	10	8260B		5/11/2018	CJR	1
n-Propylbenzene	66		ug/l	6.1	19.5	10	8260B		5/11/2018	CJR	1
1,1,2,2-Tetrachloroethane		< 3	ug/l	3	9.7	10	8260B		5/11/2018	CJR	1
1,1,1,2-Tetrachloroethane		< 3.5	ug/l	3.5	11.3	10	8260B		5/11/2018	CJR	1
Tetrachloroethene		< 3.8	ug/l	3.8	12.1	10	8260B		5/11/2018	CJR	1
Toluene	330		ug/l	1.9	6	10	8260B		5/11/2018	CJR	1
1,2,4-Trichlorobenzene		< 11.5	ug/l	11.5	36.7	10	8260B		5/11/2018	CJR	1

Project Name ELLIS HAND CAR WASH **Invoice #** E34603
Project #

Lab Code 5034603F
Sample ID MW-1
Sample Matrix Water
Sample Date 5/7/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene		< 17.1	ug/l	17.1	54.3	10	8260B		5/11/2018	CJR	1
1,1,1-Trichloroethane		< 3.3	ug/l	3.3	10.5	10	8260B		5/11/2018	CJR	1
1,1,2-Trichloroethane		< 4.2	ug/l	4.2	13.2	10	8260B		5/11/2018	CJR	1
Trichloroethene (TCE)		< 3	ug/l	3	9.4	10	8260B		5/11/2018	CJR	1
Trichlorofluoromethane		< 3.5	ug/l	3.5	11	10	8260B		5/11/2018	CJR	1
1,2,4-Trimethylbenzene	810		ug/l	8	25.5	10	8260B		5/11/2018	CJR	1
1,3,5-Trimethylbenzene	255		ug/l	6.3	20	10	8260B		5/11/2018	CJR	1
Vinyl Chloride		< 2	ug/l	2	6.5	10	8260B		5/11/2018	CJR	1
m&p-Xylene	3060		ug/l	4.3	13.8	10	8260B		5/11/2018	CJR	1
o-Xylene	144		ug/l	2.9	9.3	10	8260B		5/11/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	94		REC %			10	8260B		5/11/2018	CJR	1
SUR - 4-Bromofluorobenzene	95		REC %			10	8260B		5/11/2018	CJR	1
SUR - Dibromofluoromethane	102		REC %			10	8260B		5/11/2018	CJR	1
SUR - Toluene-d8	105		REC %			10	8260B		5/11/2018	CJR	1
Wet Chemistry											
General											
Nitrite Plus Nitrate, Dissolved		< 0.36	mg/l	0.36	1.15	1	353.2		5/22/2018	NJC	1
Sulfate, Filtered	34.0		mg/l	1.35	4.3	1	ASTM D516-		5/11/2018	NJC	1

Project Name ELLIS HAND CAR WASH **Invoice #** E34603
Project #

Lab Code 5034603G
Sample ID TB
Sample Matrix Water
Sample Date 5/7/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		5/11/2018	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		5/11/2018	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		5/11/2018	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		5/11/2018	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		5/11/2018	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		5/11/2018	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		5/11/2018	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		5/11/2018	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		5/11/2018	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		5/11/2018	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		5/11/2018	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		5/11/2018	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		5/11/2018	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		5/11/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		5/11/2018	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		5/11/2018	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		5/11/2018	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		5/11/2018	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		5/11/2018	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		5/11/2018	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		5/11/2018	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		5/11/2018	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		5/11/2018	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		5/11/2018	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		5/11/2018	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		5/11/2018	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		5/11/2018	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		5/11/2018	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		5/11/2018	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		5/11/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		5/11/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		5/11/2018	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		5/11/2018	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		5/11/2018	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		5/11/2018	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		5/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		5/11/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		5/11/2018	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		5/11/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		5/11/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		5/11/2018	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B		5/11/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		5/11/2018	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		5/11/2018	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		5/11/2018	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		5/11/2018	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		5/11/2018	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		5/11/2018	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		5/11/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		5/11/2018	CJR	1

Project Name ELLIS HAND CAR WASH **Invoice #** E34603
Project #

Lab Code 5034603G
Sample ID TB
Sample Matrix Water
Sample Date 5/7/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene		< 0.63	ug/l	0.63	2	1	8260B		5/11/2018	CJR	1
Vinyl Chloride		< 0.2	ug/l	0.2	0.65	1	8260B		5/11/2018	CJR	1
m&p-Xylene		< 0.43	ug/l	0.43	1.38	1	8260B		5/11/2018	CJR	1
o-Xylene		< 0.29	ug/l	0.29	0.93	1	8260B		5/11/2018	CJR	1
SUR - Toluene-d8	106		REC %			1	8260B		5/11/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	102		REC %			1	8260B		5/11/2018	CJR	1
SUR - 4-Bromofluorobenzene	93		REC %			1	8260B		5/11/2018	CJR	1
SUR - Dibromofluoromethane	101		REC %			1	8260B		5/11/2018	CJR	1

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

Code	*Comment*
1	Laboratory QC within limits.

CWT denotes sub contract lab - Certification #445126660

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

Authorized Signature Michael Ricker

CHAIN OF CUSTODY RECORD

Synergy
Environmental Lab, Inc.

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

Chain #: Nº 3306

Page 1 of 1

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

Lab I.D.#:	
Account No.:	Quote No.:
Project #:	
Sampler: (signature)	Jon Jenn
Project (Name / Location):	Ellis Hand Car Wash / Milwaukee
Reports To: Donald Miller	Invoice To: Donald Miller
Company	Company C/O METCO
Address 2433 W. Roosevelt Dr.	Address 709 Gillette St, Ste. 3
City State Zip Milwaukee, WI 53209	City State Zip La Crosse, WI 54603
Phone	Phone
FAX	FAX

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD (Dissolved)	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-RCRA METALS	Dissolved Iron	Dissolved Manganese						PID/FID
503-16034 A	MW-4	5-7	915			Y	6	GW	HCl, H_2SO_4, HNO_3, NaOH			X	X						X			X		X	X						
B	MW-6		945									X	X						X			X		X	X						
C	MW-3		1015									X	X						X			X		X	X						
D	MW-5		1040									X	X						X			X		X	X						
E	MW-7		1040									X	X						X			X		X	X						
F	MW-1		1105									X	X						X			X		X	X						
G	TB						1		HCl														X								

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

Lab to send copy of report to METCO / Jason P. (Invoice to METCO)
* rate rates apply
* Agent Status

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

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
Jon Jenn	7:30 am	5-8-18			

Received in Laboratory By: [signature] Time: 8:00 Date: 5/9/18

Synergy Environmental Lab,

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

DONALD MILLER
DONALD MILLER
2433 W ROOSEVELT DRIVE
MILWAUKEE, WI 53209

Report Date *15-Aug-18*

Project Name ELLIS HAND CAR WASH **Invoice #** E35035
Project #

Lab Code 5035035A
Sample ID MW-4
Sample Matrix Water
Sample Date 7/30/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	< 0.8	ug/L	0.8	2.7	1	7421		8/7/2018	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		8/13/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		8/13/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		8/13/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		8/13/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		8/13/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		8/13/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		8/13/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		8/13/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		8/13/2018	CJR	1

Project Name ELLIS HAND CAR WASH **Invoice #** E35035
Project #

Lab Code 5035035B
Sample ID MW-6
Sample Matrix Water
Sample Date 7/30/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	< 0.8	ug/L	0.8	2.7	1	7421		8/7/2018	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		8/13/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		8/13/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		8/13/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		8/13/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		8/13/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		8/13/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		8/13/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		8/13/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		8/13/2018	CJR	1

Lab Code 5035035C
Sample ID MW-3
Sample Matrix Water
Sample Date 7/30/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	< 0.8	ug/L	0.8	2.7	1	7421		8/7/2018	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	3.4	ug/l	0.22	0.69	1	GRO95/8021		8/13/2018	CJR	1
Ethylbenzene	1.42 "J"	ug/l	0.53	1.69	1	GRO95/8021		8/13/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		8/13/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		8/13/2018	CJR	1
Toluene	0.56 "J"	ug/l	0.45	1.45	1	GRO95/8021		8/13/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		8/13/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		8/13/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		8/13/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		8/13/2018	CJR	1

Project Name ELLIS HAND CAR WASH **Invoice #** E35035
Project #

Lab Code 5035035D
Sample ID MW-5
Sample Matrix Water
Sample Date 7/30/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved		< 0.8	ug/L	0.8	2.7	1	7421		8/7/2018	CWT	1
Organic											
PVOC + Naphthalene											
Benzene	9.9		ug/l	0.22	0.69	1	GRO95/8021		8/13/2018	CJR	1
Ethylbenzene		< 0.53	ug/l	0.53	1.69	1	GRO95/8021		8/13/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.57	ug/l	0.57	1.82	1	GRO95/8021		8/13/2018	CJR	1
Naphthalene		< 1.7	ug/l	1.7	5.38	1	GRO95/8021		8/13/2018	CJR	1
Toluene	0.47 "J"		ug/l	0.45	1.45	1	GRO95/8021		8/13/2018	CJR	1
1,2,4-Trimethylbenzene		< 0.73	ug/l	0.73	2.33	1	GRO95/8021		8/13/2018	CJR	1
1,3,5-Trimethylbenzene		< 0.75	ug/l	0.75	2.39	1	GRO95/8021		8/13/2018	CJR	1
m&p-Xylene		< 1	ug/l	1	3.17	1	GRO95/8021		8/13/2018	CJR	1
o-Xylene		< 0.58	ug/l	0.58	1.84	1	GRO95/8021		8/13/2018	CJR	1

Lab Code 5035035E
Sample ID MW-2
Sample Matrix Water
Sample Date 7/30/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved		< 0.8	ug/L	0.8	2.7	1	7421		8/7/2018	CWT	1
Organic											
PVOC + Naphthalene											
Benzene	29.3		ug/l	0.22	0.69	1	GRO95/8021		8/13/2018	CJR	1
Ethylbenzene	4.8		ug/l	0.53	1.69	1	GRO95/8021		8/13/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.57	ug/l	0.57	1.82	1	GRO95/8021		8/13/2018	CJR	1
Naphthalene		< 1.7	ug/l	1.7	5.38	1	GRO95/8021		8/13/2018	CJR	1
Toluene	5.3		ug/l	0.45	1.45	1	GRO95/8021		8/13/2018	CJR	1
1,2,4-Trimethylbenzene	1.75 "J"		ug/l	0.73	2.33	1	GRO95/8021		8/13/2018	CJR	1
1,3,5-Trimethylbenzene	0.92 "J"		ug/l	0.75	2.39	1	GRO95/8021		8/13/2018	CJR	1
m&p-Xylene	3.4		ug/l	1	3.17	1	GRO95/8021		8/13/2018	CJR	1
o-Xylene	0.63 "J"		ug/l	0.58	1.84	1	GRO95/8021		8/13/2018	CJR	1

Project Name ELLIS HAND CAR WASH **Invoice #** E35035
Project #

Lab Code 5035035F
Sample ID MW-1
Sample Matrix Water
Sample Date 7/30/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved	8.8		ug/L	0.8	2.7	1	7421		8/7/2018	CWT	1
Organic											
PVOC + Naphthalene											
Benzene	2680		ug/l	11	34.5	50	GRO95/8021		8/13/2018	CJR	1
Ethylbenzene	600		ug/l	26.5	84.5	50	GRO95/8021		8/13/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 28.5	ug/l	28.5	91	50	GRO95/8021		8/13/2018	CJR	1
Naphthalene	95 "J"		ug/l	85	269	50	GRO95/8021		8/13/2018	CJR	1
Toluene	162		ug/l	22.5	72.5	50	GRO95/8021		8/13/2018	CJR	1
1,2,4-Trimethylbenzene	330		ug/l	36.5	116.5	50	GRO95/8021		8/13/2018	CJR	1
1,3,5-Trimethylbenzene	139		ug/l	37.5	119.5	50	GRO95/8021		8/13/2018	CJR	1
m&p-Xylene	870		ug/l	50	158.5	50	GRO95/8021		8/13/2018	CJR	1
o-Xylene		< 29	ug/l	29	92	50	GRO95/8021		8/13/2018	CJR	1

Lab Code 5035035G
Sample ID TB
Sample Matrix Water
Sample Date 7/30/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene		< 0.22	ug/l	0.22	0.69	1	GRO95/8021		8/13/2018	CJR	1
Ethylbenzene		< 0.53	ug/l	0.53	1.69	1	GRO95/8021		8/13/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.57	ug/l	0.57	1.82	1	GRO95/8021		8/13/2018	CJR	1
Naphthalene		< 1.7	ug/l	1.7	5.38	1	GRO95/8021		8/13/2018	CJR	1
Toluene		< 0.45	ug/l	0.45	1.45	1	GRO95/8021		8/13/2018	CJR	1
1,2,4-Trimethylbenzene		< 0.73	ug/l	0.73	2.33	1	GRO95/8021		8/13/2018	CJR	1
1,3,5-Trimethylbenzene		< 0.75	ug/l	0.75	2.39	1	GRO95/8021		8/13/2018	CJR	1
m&p-Xylene		< 1	ug/l	1	3.17	1	GRO95/8021		8/13/2018	CJR	1
o-Xylene		< 0.58	ug/l	0.58	1.84	1	GRO95/8021		8/13/2018	CJR	1

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

Code	*Comment*
1	Laboratory QC within limits.

CWT denotes sub contract lab - Certification #445126660

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

Authorized Signature Michael Ricker

CHAIN OF CUSTODY RECORD

Synergy
Environmental Lab, Inc.

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

Chain # № 3672

Page 1 of 1

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

Account No.:
Quote No.:
Project #:
Sampler: (signature) Max Wagnum
Project (Name / Location) Ellis Hand Car Wash/Milwaukee, WI
Reports To: Donald Miller
Company
Address 2433 W. Roosevelt Dr.
City State Zip Milwaukee, WI 53209
Phone
FAX

Invoice To: Donald Miller
Company c/o METCO
Address 709 Gillette St, Ste. 3
City State Zip La Crosse, WI 54603
Phone 608-781-8879
FAX

Analysis Requested | **Other Analysis**

Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD (D 420/421)	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	8 RCRA METALS	PID/FID
MW-4	7/30/18	12:00			Y	4	GW	HNO_3, HCl			X						X						
MW-6		12:30									X						X						
MW-3		1:05									X						X						
MW-5		1:30									X						X						
MW-2		2:00									X						X						
MW-1	↓	2:35			↓	↓	↓	↓			X						X						
TB						1		HCl															

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

Lab to send copy of report to METCO/Jason P. (Invoice to METCO)
*UCC rates apply
Agent Status

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
[signature]		8/2/18			

Received in Laboratory By: [signature] Time: 8:00 Date: 8/3/18

APPENDIX C/ WELL AND BOREHOLE DOCUMENTATION

GrfcText\WDNR WELL CONSTRUCTION - BLANK 11/11/2003 11:06:08 AM

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

SES Project Number 507.58

Facility/Project Name: Ellis Hand Car Wash	Local Grid Location of Well: ____ ft. ☐ N. ☐ S. ____ ft. ☐ E. ☐ W.	Well Name: MW1
Facility License, Permit or Monitoring No.	Grid Origin Location ☐ (estimated: ☐) Well Location ☐	Wis. Unique Well No.: WA124 / DNR Well Number:
Facility ID	Lat. ____ Long. ____ or	Date Well Installed: 03/15/2018 (m m d d y y y y)
Type of Well: Well Code 11 / MW	St. Plane ____ ft. N, ____ ft. E. S/C/N	Well Installed By: Name (first,last) and Firm: Robert Rector / Soils & Engineering Services, Inc.
Distance From Waste/Source ____ ft.	Section Location of Waste/Source: ____ 1/4 of ____ 1/4 of Sec. ____ T. ____ N, R. ____ ☐ E ☐ W	
Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation ____ ft. MSL
B. Well casing, top elevation ____ ft. MSL
C. Land surface elevation ____ ft. MSL
D. Surface seal, bottom ____ ft. MSL or 1.1 ft.

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

13. Sieve analysis attached? ☐ Yes ■ No

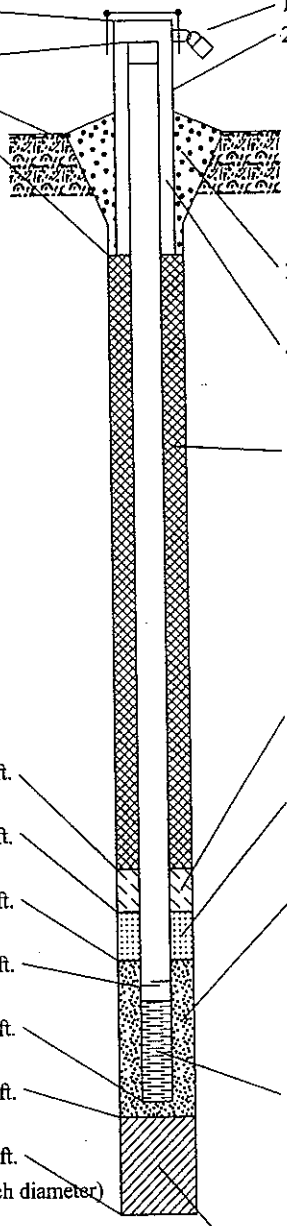
14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ■ 41 / Other ☐ ____

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

16. Drilling additives used? ☐ Yes ■ No
Describe ____

17. Source of water (attach analysis): ____

E. Bentonite seal, top ____ ft. MSL or 2.9 ft.
F. Fine sand, top ____ ft. MSL or 2.9 ft.
G. Filter pack, top ____ ft. MSL or 3.5 ft.
H. Screen joint, top ____ ft. MSL or 3.8 ft.
I. Well bottom ____ ft. MSL or 14.0 ft.
J. Filter pack, bottom ____ ft. MSL or 15.0 ft.
K. Borehole, bottom ____ ft. MSL or 15.0 ft.
(If multiple diameters, note diameters and to what depth for each diameter)
L. Borehole, diameter 7.6 in.
M. O.D. well casing 2.38 in.
N. I.D. well casing 2.04 in.



1. Cap and lock? ☐ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 10 in.
b. Length: 1.1 ft.
c. Material: Steel ■ 04 / Other ☐ ____
d. Additional protection? Yes ☐ No
If yes, describe: ____
3. Surface seal: Bentonite ☐ 30 / Concrete ■ 01 / Other ☐ ____
4. Material between well casing and protective pipe: Filter Sand
Bentonite ☐ 30 / Other ☐ ____
5. Annular space seal: a. Granular/Chipped Bentonite ■ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 0.5 Ft³ volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ■ 08
6. Bentonite seal: a. Bentonite granules ☐ 34
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. ____ Other ☐ ____
7. Fine sand material: Manufacturer, product name and mesh size
a. Red Flint #15
b. Volume added 0.2 ft³
8. Filter pack material: Manufacturer, product name and mesh siz
a. Red Flint #40
b. Volume added 3.3 ft³
9. Well casing: Flush threaded PVC schedule 40 ■ 2
Flush threaded PVC schedule 80 ☐ 2
Other ☐ ____
10. Screen material: Sch.40 PVC
a. Screen Type: Factory cut ■ 1 / Continuous slot ☐ 0 / Other ☐ ____
b. Manufacturer Monoflex
c. Slot size: 0.010 in
d. Slotted length: 9.7 ft.
11. Backfill material (below filter pack): None ■ 1 / Other ☐ ____

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

Signature: [signature] Firm: Soils & Engineering Services, Inc. Tel: (608) 274-76
1102 Stewart Street, Madison, Wisconsin 53713-4648 Fax: (608) 274-75

Please complete both Forms 4400-113A and 4400-113B and return to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 2 293, 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. Personnally 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.

GrfcText\WDNR WELL CONSTRUCTION - BLANK 11/11/2003 11:06:08 AM

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

SES Project Number 507.58

Facility/Project Name: Ellis Hand Car Wash	Local Grid Location of Well: ____ ft. ☐ N. ☐ S. ____ ft. ☐ E. ☐ W.	Well Name: MW2
Facility License, Permit or Monitoring No.	Grid Origin Location ☐ (estimated: ☐) Well Location ☐	Wis. Unique Well No.: WA125 / DNR Well Number
Facility ID	Lat. ____ Long. ____ or	Date Well Installed: 03/15/2018 (m m d d y y y y)
Type of Well: Well Code 11 / MW	St. Plane ____ ft. N, ____ ft. E. S/C/N	Well Installed By: Name (first,last) and Firm: Robert Rector
Distance From Waste/Source ____ ft. / Enf. Stds. Apply ☐	Section Location of Waste/Source: ____ 1/4 of ____ 1/4 of Sec. ____, T. ____ N, R. ____ ☐ E ☐ W	Soils & Engineering Services, Inc.
	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation ____ ft. MSL
B. Well casing, top elevation ____ ft. MSL
C. Land surface elevation ____ ft. MSL
D. Surface seal, bottom ____ ft. MSL or 1.2 ft.

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

13. Sieve analysis attached? ☐ Yes ■ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ■ 41 / ____ Other ☐ __

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

16. Drilling additives used? ☐ Yes ■ No
Describe ____

17. Source of water (attach analysis): ____

E. Bentonite seal, top ____ ft. MSL or 3.0 ft.
F. Fine sand, top ____ ft. MSL or 3.0 ft.
G. Filter pack, top ____ ft. MSL or 3.5 ft.
H. Screen joint, top ____ ft. MSL or 4.9 ft.
I. Well bottom ____ ft. MSL or 15.2 ft.
J. Filter pack, bottom ____ ft. MSL or 15.5 ft.
K. Borehole, bottom ____ ft. MSL or 15.5 ft.
(If multiple diameters, note diameters and to what depth for each diameter)
L. Borehole, diameter 7.6 in.
M. O.D. well casing 2.38 in.
N. I.D. well casing 2.04 in.

1. Cap and lock? ☐ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 10 in.
b. Length: 1.1 ft.
c. Material: Steel ■ 04 / ____ Other ☐ __
d. Additional protection? Yes ☐ No
If yes, describe: ____
3. Surface seal: Bentonite ☐ 30 / Concrete ■ 01 / ____ Other ☐ __
4. Material between well casing and protective pipe: Filter Sand
Bentonite ☐ 30 / Other ☐ __
5. Annular space seal: a. Granular/Chipped Bentonite ■ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 0.5 Ft³ volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ■ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. ____ Other ☐ __
7. Fine sand material: Manufacturer, product name and mesh size
a. Red Flint #15
b. Volume added 0.1 ft³
8. Filter pack material: Manufacturer, product name and mesh siz
a. Red Flint #40
b. Volume added 3.4 ft³
9. Well casing: Flush threaded PVC schedule 40 ■ 2
Flush threaded PVC schedule 80 ☐ 2
____ Other ☐ __
10. Screen material: Sch. 40 PVC
a. Screen Type: Factory cut ■ 1 / Continuous slot ☐ 0 / ____ Other ☐ __
b. Manufacturer Monoflex
c. Slot size: 0.010 in.
d. Slotted length: 9.7 ft.
11. Backfill material (below filter pack): None ■ 1 / ____ Other ☐ __

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

Signature: Jason E Rector

Firm: Soils & Engineering Services, Inc.
1102 Stewart Street, Madison, Wisconsin 53713-4648
Tel: (608) 274-760
Fax: (608) 274-751

Please complete both Forms 4400-113A and 4400-113B and return to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 29 293, 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. Personnally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

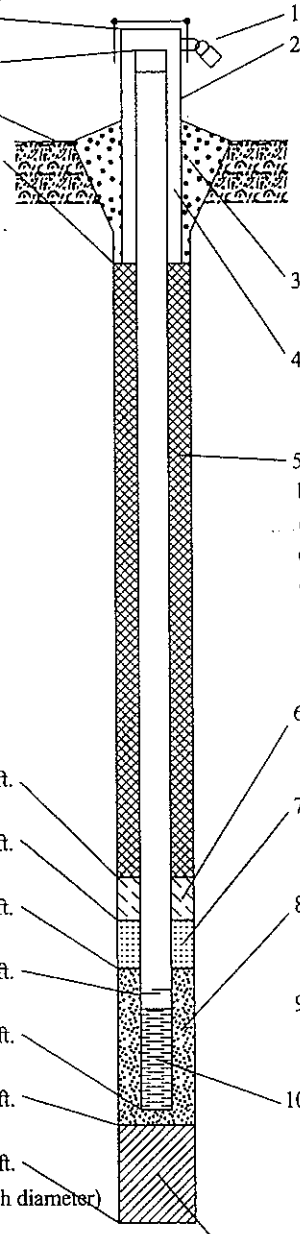
Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

SES Project Number 507.58

Facility/Project Name: Ellis Hand Car Wash	Local Grid Location of Well: ____ ft. ☐ N. ☐ S. ____ ft. ☐ E. ☐ W.	Well Name: MW3
Facility License, Permit or Monitoring No.	Grid Origin Location ☐ (estimated: ☐) Well Location ☐	Wis. Unique Well No.: WA126 / DNR Well Number
Facility ID	Lat. ____ ____ ____ Long. ____ ____ ____ or	Date Well Installed: 03 / 15 / 2018 (m m d d y y y y)
Type of Well: Well Code 11 / MW	St. Plane ____ ft. N, ____ ft. E. S/C/N	Well Installed By: Name (first,last) and Firm: Robert Rector / Soils & Engineering Services, Inc.
Distance From Waste/Source ____ ft. / Enf. Stds. Apply ☐	Section Location of Waste/Source: ____ 1/4 of ____ 1/4 of Sec. ____ T. ____ N, R. ____ ☐ E ☐ W	
	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number



A. Protective pipe, top elevation ____ ft. MSL
B. Well casing, top elevation ____ ft. MSL
C. Land surface elevation ____ ft. MSL
D. Surface seal, bottom ____ ft. MSL or 1.6 ft.

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

13. Sieve analysis attached? ☐ Yes ■ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ■ 41 / ____ Other ☐ ____

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

16. Drilling additives used? ☐ Yes ■ No
Describe ____

17. Source of water (attach analysis): ____

E. Bentonite seal, top ____ ft. MSL or 2.5 ft.
F. Fine sand, top ____ ft. MSL or 2.5 ft.
G. Filter pack, top ____ ft. MSL or 3.6 ft.
H. Screen joint, top ____ ft. MSL or 3.9 ft.
I. Well bottom ____ ft. MSL or 14.2 ft.
J. Filter pack, bottom ____ ft. MSL or 15.0 ft.
K. Borehole, bottom ____ ft. MSL or 15.0 ft.
(If multiple diameters, note diameters and to what depth for each diameter)
L. Borehole, diameter 7.6 in.
M. O.D. well casing 2.38 in.
N. I.D. well casing 2.04 in.

1. Cap and lock? ☐ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 10 in.
b. Length: 1.1 ft.
c. Material: Steel ■ 04 / ____ Other ☐ ____
d. Additional protection? Yes ☐ No (■)
If yes, describe: ____
3. Surface seal: Bentonite ☐ 30 / Concrete ■ 01 / ____ Other ☐ ____
4. Material between well casing and protective pipe: Bentonite ☐ 30 / Filter Sand Other ☐ ____
5. Annular space seal: a. Granular/Chipped Bentonite ■ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 0.3 Ft³ volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ■ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. ____ Other ☐ ____
7. Fine sand material: Manufacturer, product name and mesh size
a. Red Flint #15
b. Volume added 0.3 ft³
8. Filter pack material: Manufacturer, product name and mesh size
a. Red Flint #40
b. Volume added 3.2 ft³
9. Well casing: Flush threaded PVC schedule 40 ■ 23 / Flush threaded PVC schedule 80 ☐ 24 / ____ Other ☐ ____
10. Screen material: Sch.40 PVC
a. Screen Type: Factory cut ■ 11 / Continuous slot ☐ 01 / ____ Other ☐ ____
b. Manufacturer Monoflex
c. Slot size: 0.010 in.
d. Slotted length: 9.7 ft.
11. Backfill material (below filter pack): None ■ 14 / ____ Other ☐ ____

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

Signature: Steven E Reichel

Firm: Soils & Engineering Services, Inc.
1102 Stewart Street, Madison, Wisconsin 53713-4648
Tel: (608) 274-760
Fax: (608) 274-751

Please complete both Forms 4400-113A and 4400-113B and return to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 29 293, 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. Personnally 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.

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State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

SES Project Number

Facility/Project Name: Ellis Hand Car Wash	Local Grid Location of Well: ____ ft. ☐ N. ☐ S. ____ ft. ☐ E. ☐ W.	Well Name: MW4
Facility License, Permit or Monitoring No.	Grid Origin Location ☐ (estimated: ☐) Well Location ☐	Wis. Unique Well No.: WA127 / DNR Well Number:
Facility ID	Lat. ____ Long. ____ or	Date Well Installed: 03/14/2018 (m m d d y y y y)
Type of Well: Well Code 11 / MW	St. Plane ____ ft. N, ____ ft. E. S/C/N	Well Installed By: Name (first,last) and Firm: Robert Rector
Distance From Waste/Source ____ ft. / Enf. Stds. Apply ☐	Section Location of Waste/Source: ____ 1/4 of ____ 1/4 of Sec. ____, T. ____ N, R. ____ ☐ E ☐ W	Soils & Engineering Services, Inc.
	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number:

A. Protective pipe, top elevation ____ ft. MSL
B. Well casing, top elevation ____ ft. MSL
C. Land surface elevation ____ ft. MSL
D. Surface seal, bottom ____ ft. MSL or 1.0 ft.

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

13. Sieve analysis attached? ☐ Yes ■ No

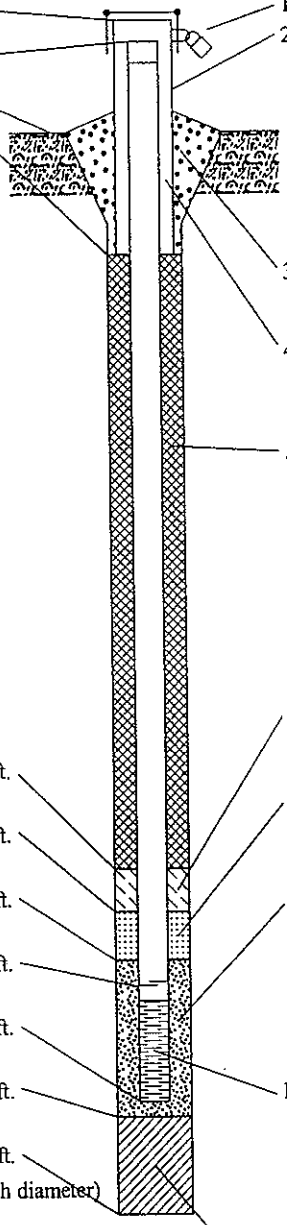
14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ■ 41 / ____ Other ☐ ____

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

16. Drilling additives used? ☐ Yes ■ No
Describe ____

17. Source of water (attach analysis): ____

E. Bentonite seal, top ____ ft. MSL or 3.0 ft.
F. Fine sand, top ____ ft. MSL or 3.0 ft.
G. Filter pack, top ____ ft. MSL or 3.5 ft.
H. Screen joint, top ____ ft. MSL or 4.1 ft.
I. Well bottom ____ ft. MSL or 14.4 ft.
J. Filter pack, bottom ____ ft. MSL or 15.0 ft.
K. Borehole, bottom ____ ft. MSL or 15.0 ft.
(If multiple diameters, note diameters and to what depth for each diameter)
L. Borehole, diameter 7.6 in.
M. O.D. well casing 2.38 in.
N. I.D. well casing 2.04 in.



1. Cap and lock? ☐ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 10 in.
b. Length: 1.1 ft.
c. Material: Steel ■ 04 / ____ Other ☐ ____
d. Additional protection? Yes ☐ No
If yes, describe: ____
3. Surface seal: Bentonite ☐ 30 / Concrete ■ 01 / ____ Other ☐ ____
4. Material between well casing and protective pipe: Bentonite ☐ 30 / Filter Sand Other ☐ ____
5. Annular space seal: a. Granular/Chipped Bentonite ■ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 0.6 Ft³ volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ■ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. ____ Other ☐ ____
7. Fine sand material: Manufacturer, product name and mesh size
a. Red Flint #15
b. Volume added 0.1 ft³
8. Filter pack material: Manufacturer, product name and mesh size
a. Red Flint #40
b. Volume added 3.3 ft³
9. Well casing: Flush threaded PVC schedule 40 ■ 23 / Flush threaded PVC schedule 80 ☐ 24 / ____ Other ☐ ____
10. Screen material: Sch.40 PVC
a. Screen Type: Factory cut ■ 11 / Continuous slot ☐ 01 / ____ Other ☐ ____
b. Manufacturer Monoflex
c. Slot size: 0.010 in.
d. Slotted length: 9.7 ft.
11. Backfill material (below filter pack): None ■ 14 / ____ Other ☐ ____

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

Signature: Robert E Rector

Firm: Soils & Engineering Services, Inc.
1102 Stewart Street, Madison, Wisconsin 53713-4648
Tel: (608) 274-760
Fax: (608) 274-751

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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. Personnally 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.

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State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

SES Project Number

Facility/Project Name: Ellis Hand Car Wash	Local Grid Location of Well: ft. ☐ N. ☐ S. ft. ☐ E. ☐ W.	Well Name: MW5
Facility License, Permit or Monitoring No.	Grid Origin Location ☐ (estimated: ☐) Well Location ☐ Lat. ___ Long. ___ or	Wis. Unique Well No.: WA128 DNR Well Number:
Facility ID	St. Plane ___ ft. N, ___ ft. E. S/C/N	Date Well Installed: 03/14/2018 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: ___ 1/4 of ___ 1/4 of Sec. ___, T. ___ N, R. ___ ☐ E ☐ W	Well Installed By: Name (first,last) and Firm: Robert Rector; Soils & Engineering Services, Inc.
Distance From Waste/Source ___ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation ___ ft. MSL
B. Well casing, top elevation ___ ft. MSL
C. Land surface elevation ___ ft. MSL
D. Surface seal, bottom ___ ft. MSL or 1.1 ft.

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

13. Sieve analysis attached? ☐ Yes ■ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ■ 41 / ___ Other ☐ __

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

16. Drilling additives used? ☐ Yes ■ No
Describe ___

17. Source of water (attach analysis):

E. Bentonite seal, top ___ ft. MSL or 2.9 ft.
F. Fine sand, top ___ ft. MSL or 2.9 ft.
G. Filter pack, top ___ ft. MSL or 3.5 ft.
H. Screen joint, top ___ ft. MSL or 4.1 ft.
I. Well bottom ___ ft. MSL or 14.4 ft.
J. Filter pack, bottom ___ ft. MSL or 15.0 ft.
K. Borehole, bottom ___ ft. MSL or 15.0 ft.
(If multiple diameters, note diameters and to what depth for each diameter)
L. Borehole, diameter 7.6 in.
M. O.D. well casing 2.38 in.
N. I.D. well casing 2.04 in.

1. Cap and lock? ☐ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 10 in.
b. Length: 1.1 ft.
c. Material: Steel ■ 04 / ___ Other ☐ __
d. Additional protection? Yes ☐ No
If yes, describe: ___
3. Surface seal: Bentonite ☐ 30 / Concrete ■ 01 / ___ Other ☐ __
4. Material between well casing and protective pipe: Bentonite ☐ 30 / Filter Sand Other ☐ __
5. Annular space seal: a. Granular/Chipped Bentonite ■ 33
b. ___ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ___ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. ___ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 0.5 Ft³ volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ■ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. ___ Other ☐ __
7. Fine sand material: Manufacturer, product name and mesh size
a. Red Flint #15
b. Volume added 0.7 ft³
8. Filter pack material: Manufacturer, product name and mesh size
a. Red Flint #40
b. Volume added 3.3 ft³
9. Well casing: Flush threaded PVC schedule 40 ■ 23 / Flush threaded PVC schedule 80 ☐ 24 / ___ Other ☐ __
10. Screen material: Sch. 40 PVC
a. Screen Type: Factory cut ■ 11 / Continuous slot ☐ 01 / ___ Other ☐ __
b. Manufacturer Monoflex
c. Slot size: 0.010 in.
d. Slotted length: 9.7 ft.
11. Backfill material (below filter pack): None ■ 14 / ___ Other ☐ __

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

Signature: Robert E Rector

Firm: Soils & Engineering Services, Inc.
1102 Stewart Street, Madison, Wisconsin 53713-4648
Tel: (608) 274-760
Fax: (608) 274-751

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State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

SES Project Number

Facility/Project Name: Ellis Hand car Wash	Local Grid Location of Well ☐ N. ☐ S. ____ ft. ☐ E. ☐ W. ____ ft.	Well Name: MW6
Facility License, Permit or Monitoring No.	Grid Origin Location ☐ (estimated: ☐) Well Location ☐	Wis. Unique Well No.: WA129 / DNR Well Number
Facility ID	Lat. ____ Long. ____ or St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 03/14/2018 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: ____ 1/4 of ____ 1/4 of Sec. ____ T. ____ N, R. ____ ☐ E ☐ W	Well Installed By: Name (first,last) and Firm: Robert Rector / Soils & Engineering Services, Inc.
Distance From Waste/Source ____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation ____ ft. MSL

B. Well casing, top elevation ____ ft. MSL

C. Land surface elevation ____ ft. MSL

D. Surface seal, bottom ____ ft. MSL or 1.4 ft.

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

13. Sieve analysis attached? ☐ Yes ■ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ■ 41 / ____ Other ☐ __

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

16. Drilling additives used? ☐ Yes ■ No

Describe ____

17. Source of water (attach analysis): ____

E. Bentonite seal, top ____ ft. MSL or 3.0 ft.

F. Fine sand, top ____ ft. MSL or 3.0 ft.

G. Filter pack, top ____ ft. MSL or 3.5 ft.

H. Screen joint, top ____ ft. MSL or 3.9 ft.

I. Well bottom ____ ft. MSL or 14.2 ft.

J. Filter pack, bottom ____ ft. MSL or 15.0 ft.

K. Borehole, bottom ____ ft. MSL or 15.0 ft.

(If multiple diameters, note diameters and to what depth for each diameter)

L. Borehole, diameter 7.6 in.

M. O.D. well casing 2.38 in.

N. I.D. well casing 2.04 in.

1. Cap and lock? ☐ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 10 in.
b. Length: 1.1 ft.
c. Material: Steel ■ 04 / ____ Other ☐ __
d. Additional protection? Yes ☐ (No)
If yes, describe: ____

3. Surface seal: Bentonite ☐ 30 / Concrete ■ 01 / ____ Other ☐ __

4. Material between well casing and protective pipe: Filter Sand
Bentonite ☐ 30 / Other __

5. Annular space seal: a. Granular/Chipped Bentonite ■ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 0.5 Ft³ volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ■ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. ____ Other ☐ __

7. Fine sand material: Manufacturer, product name and mesh size
a. Red Flint #15
b. Volume added 0.1 ft³

8. Filter pack material: Manufacturer, product name and mesh size
a. Red Flint #40
b. Volume added 0.4 ft³

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

10. Screen material: Sch.40 PVC
a. Screen Type: Factory cut ■ 11 / Continuous slot ☐ 01 / ____ Other ☐ __
b. Manufacturer Monoflex
c. Slot size: 0.010 in.
d. Slotted length: 9.7 ft.

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

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

Signature: Frank E Rector

Firm: Soils & Engineering Services, Inc.
1102 Stewart Street, Madison, Wisconsin 53713-4648
Tel: (608) 274-7600
Fax: (608) 274-7511

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		G-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC	08/01/2017 MM/ DD/ YYYY	08/01/2017 MM /DD/ YYYY	Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			667 feet MSL	675 feet MSL	2 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43° 5 ' 36 N	N E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S Feet W

Facility ID	County	County Code	Civil Town / **City** / Village
341070620	Milwaukee	41	Milwaukee

Sample					Soil Properties										
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
				Concrete										
			2	0-4' Tan fine to coarse grained sand	SP									
G-1-1 (3.5 feet)	48 12		4					40		M				Slight petro odor
			6											
G-1-2 (7 feet)	48 42			4-12' Gray sandy clay	CL			292		M				Petro odor
			8											
			10											
G-1-3 (12 feet)	48 42		12	EOB at 12 feet bgs. Groundwater sample G-1-W collected at 7-12 feet. Borehole abandoned.				19		W				Petro odor from 8-11.5
			14											
			16											
			18											

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

Signature: Firm: **METCO**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		G-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice	08/01/2017	08/01/2017	Geoprobe
Firm: Geiss Soil & Samples, LLC	MM/ DD/ YYYY	MM /DD/ YYYY	

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			667 feet MSL	675 feet MSL	2 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43° 5 ' 36 N	N E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
341070620	Milwaukee	41	Milwaukee

Sample					Soil Properties									
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
				Concrete										
			2	0-4' No Recovery										
G-2-1 (0-4 feet)	48 0		4											
			6	4-8' Gray sandy clay	CL									
G-2-2 (7 feet)	48 48		8					132		M				Petro odor
				8-10' Tan sandy clay	CL									
G-2-3 (10 feet)	48 48		10	EOB at 10 feet bgs, Geoprobe refusal. Groundwater sample G-2-W collected at 5-10 feet. Borehole abandoned.				4.2		W				Slight petro odor
			12											
			14											
			16											
			18											

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

Signature: Firm: **METCO**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		G-3

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice	08/01/2017	08/01/2017	Geoprobe
Firm: Geiss Soil & Samples, LLC	MM/ DD/ YYYY	MM /DD/ YYYY	

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			667 feet MSL	675 feet MSL	2 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43° 5 ' 36 N	N E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S Feet W

Facility ID	County	County Code	Civil Town / **City** / Village
341070620	Milwaukee	41	Milwaukee

Sample Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	Soil Properties: USCS	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
G-3-1 (3.5 feet)	48 / 12		2–4	0-7' Tan fine to coarse grained sand with gravel (FILL)	SP			2.6		Dry				No petro odor
G-3-2 (7.5 feet)	48 / 12		6–8	7-8' Gray sandy clay	CL			7.4		Dry/M				Slight petro odor
			10	8-12' Tan sandy clay	CL									
G-3-3 (12 feet)	48 / 36		12	EOB at 12 feet bgs. Groundwater sample G-3-W collected at 7-12 feet. Borehole abandoned.				3.1		W				No petro odor
			14–18											

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

Signature: Firm: **METCO**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		G-4

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice	08/01/2017	08/01/2017	Geoprobe
Firm: Geiss Soil & Samples, LLC	MM/ DD/ YYYY	MM /DD/ YYYY	

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			667 feet MSL	675 feet MSL	2 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43° 5 ' 36 N	N E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
341070620	Milwaukee	41	Milwaukee

Sample Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Soil Properties: PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
G-4-1 (3.5 feet)	48 / 30		2, 4	0-10' Gray sandy clay	CL			6.3		M				Slight petro odor
G-4-2 (8 feet)	48 / 48		6, 8					421		M				Petro odor
G-4-3 (10 feet)	48 / 24		10	10-11' Tan sandy clay	CL			5.9		W				Petro odor from 8-9
G-4-4 (11 feet)	24 / 12		12	EOB at 11 feet bgs, Geoprobe refusal. Groundwater sample G-4-W collected at 6-11 feet. Borehole abandoned.				5.8		W				No petro odor
			14, 16, 18											

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

Signature: Brayan Waine Firm: **METCO**

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Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		G-5

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice	08/01/2017	08/01/2017	Geoprobe
Firm: Geiss Soil & Samples, LLC	MM/ DD/ YYYY	MM /DD/ YYYY	

Wt Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			666 feet MSL	675 feet MSL	2 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43° 5 ' 36 N	N E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S Feet W

Facility ID	County	County Code	Civil Town / **City** / Village
341070620	Milwaukee	41	Milwaukee

Sample					Soil Properties									
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
G-5-1 (3.5 feet)	48 12		2, 4	0-8' Tan fine to coarse grained sand with gravel (FILL)	SP			6.7		Dry				No petro odor
G-5-2 (8 feet)	48 12		6, 8	8-11' Tan to gray fine to coarse grained sand with gravel	SP			4.7		M/W				No petro odor
			10	11-12' Gray sandy clay	CL									
G-5-3 (12 feet)	48 12		12, 14, 16, 18	EOB at 12 feet bgs. Groundwater sample G-5-W collected at 7-12 feet. Borehole abandoned.				4.9		W				Slight petro odor

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

Signature: Bryan Bynum Firm: **METCO**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		G-6

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice	08/01/2017	08/01/2017	Geoprobe
Firm: Geiss Soil & Samples, LLC	MM/ DD/ YYYY	MM /DD/ YYYY	

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			666 feet MSL	675 feet MSL	2 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43° 5 ' 36 N	N E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S Feet W

Facility ID	County	County Code	Civil Town / **City** / Village
341070620	Milwaukee	41	Milwaukee

Sample					Soil Properties									
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			2	0-3' Tan fine to coarse grained sand with gravel (FILL)	SP									
G-6-1 (3.5 feet)	48 24		4					4.8		M				No petro odor
			6	3-8' Gray sandy clay	CL									
G-6-2 (7 feet)	48. 12		8					22		M/W				Slight petro odor
			10	8-12' Tan sandy clay	CL									
G-6-3 (12 feet)	48 42		12	EOB at 12 feet bgs. Groundwater sample G-6-W collected at 7-12 feet. Borehole abandoned.				4.7		W				Slight petro odor from 8-9
			14											
			16											
			18											

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

Signature: Bryan Weiss Firm: **METCO**

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Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		G-7

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice	08/02/2017	08/02/2017	Geoprobe
Firm: Geiss Soil & Samples, LLC	MM/ DD/ YYYY	MM /DD/ YYYY	

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			667.5 feet MSL	675 feet MSL	2 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43° 5 ' 36 N	N E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S Feet W

Facility ID	County	County Code	Civil Town / **City** / Village
341070620	Milwaukee	41	Milwaukee

Sample					Soil Properties									
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			2	0-4' Tan sandy clay	CL									
G-7-1 (3.5 feet)	48 24		4					2.5		M				No petro odor
			6	4-8' Tan to gray sandy clay	CL									
G-7-2 (7.5 feet)	48 24		8					5.9		M/W				Slight petro odor from 7-8 feet
			10	8-12' Tan sandy clay	CL									
G-7-3 (12 feet)	48 24		12	EOB at 12 feet bgs. Groundwater sample G-7-W collected at 7-12 feet. Borehole abandoned.				1.4		W				Slight petro odor from 8-9
			14											
			16											
			18											

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

Signature: Firm: **METCO**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		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	08/02/2017	08/02/2017	Geoprobe
Firm: Geiss Soil & Samples, LLC	MM/ DD/ YYYY	MM /DD/ YYYY	

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			667.5 feet MSL	675 feet MSL	2 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43° 5 ' 36 N	N E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
341070620	Milwaukee	41	Milwaukee

Sample					Soil Properties									
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			2	0-4' Tan sandy clay	CL									
G-8-1 (3.5 feet)	48 12		4					2.9		M				No petro odor
			6	4-8' Gray sandy clay	CL									
G-8-2 (7.5 feet)	48 24		8					19		M/W				Petro odor from 7-8 feet
			10	8-12' Tan sandy clay	CL									
G-8-3 (12 feet)	48 48		12	EOB at 12 feet bgs. Attempted to collect groundwater sample, no recovery after 6 hours. Borehole abandoned.				3.2		W				Petro odor from 8-9
			14											
			16											
			18											

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

Signature: Firm: **METCO**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		G-9

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC	08/02/2017 MM/ DD/ YYYY	08/02/2017 MM /DD/ YYYY	Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			668 feet MSL	675 feet MSL	2 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43° 5 ' 36 N	N E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
341070620	Milwaukee	41	Milwaukee

Sample: Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	Soil Properties: USCS	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
G-9-1 (3.5 feet)	48 / 42		2, 4					2.5		M				No petro odor
			6	0-12' Tan sandy clay	CL									
G-9-2 (7 feet)	48 / 24		8, 10					2.5		M/W				No petro odor
G-9-3 (12 feet)	48 / 48		12, 14, 16, 18	EOB at 12 feet bgs. Groundwater sample G-9-W collected at 7-12 feet. Borehole abandoned.				3.1		W				No petro odor

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

Signature: Firm: **METCO**

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Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		G-10

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice	08/02/2017	08/02/2017	Geoprobe
Firm: Geiss Soil & Samples, LLC	MM/ DD/ YYYY	MM /DD/ YYYY	

Wt Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			667.5 feet MSL	675 feet MSL	2 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location	
State Plane N, E	Lat 43° 5 ' 36 N	N	E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S	Feet W

Facility ID	County	County Code	Civil Town / City / Village
341070620	Milwaukee	41	Milwaukee

Sample: Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	Soil Properties: USCS	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			2	0-4' Tan sandy clay	CL									
G-10-1 (3.5 feet)	48 36		4					2.7		M				No petro odor
			6	4-8' Tan to gray sandy clay	CL									
G-10-2 (7.5 feet)	48 48		8					9.0		M/W				Petro odor from 7-8 feet
			10	8-12' Tan sandy clay	CL									
G-10-3 (12 feet)	48 48		12	EOB at 12 feet bgs. Attempted to collect groundwater sample, no recovery after 5 hours. Borehole abandoned.				4.1		W				Petro odor from 8-10
			14											
			16											
			18											

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

Signature: Firm: **METCO**

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Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		G-11

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC	08/02/2017 MM/ DD/ YYYY	08/02/2017 MM /DD/ YYYY	Geoprobe

WI Unique Well No. / DNR Well ID No. / Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
	667 feet MSL	675 feet MSL	2 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Lat 43° 5 ' 36 N Long 87° 56 ' 29 W	N E Feet S Feet W

Facility ID	County	County Code	Civil Town / **City** / Village
341070620	Milwaukee	41	Milwaukee

Sample					Soil Properties									
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
				Concrete										
G-11-1 (3.5 feet)	48 30		2 4					3.2		M				No petro odor
			6	0-12' Tan sandy clay	CL									
G-11-2 (8 feet)	48 42		8					3.2		M				No petro odor
			10											
G-11-3 (12 feet)	48 48		12	EOB at 12 feet bgs. Attempted to collect groundwater sample, no recovery after 5 hours. Borehole abandoned.				2.4		W				No petro odor
			14 16 18											

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

Signature: Firm: **METCO**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		G-12

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice	08/02/2017	08/02/2017	Geoprobe
Firm: Geiss Soil & Samples, LLC	MM/ DD/ YYYY	MM /DD/ YYYY	

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			667 feet MSL	675 feet MSL	2 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43° 5 ' 36 N	N E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S Feet W

Facility ID	County	County Code	Civil Town / **City** / Village
341070620	Milwaukee	41	Milwaukee

Sample					Soil Properties									
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
G-12-1 (3.5 feet)	48 / 36		2, 4					3.7		M				No petro odor
			6	0-12' Tan sandy clay	CL									
								4.2		M				No petro odor
G-12-2 (8 feet)	48 / 48		8, 10											
G-12-3 (12 feet)	48 / 48		12	EOB at 12 feet bgs. Attempted to collect groundwater sample, no recovery after 5 hours. Borehole abandoned.				2.6		W				No petro odor
			14, 16, 18											

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

Signature: Firm: **METCO**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		G-13

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC	08/02/2017 MM/ DD/ YYYY	08/02/2017 MM /DD/ YYYY	Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			667 feet MSL	675 feet MSL	2 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Lat 43° 5 ' 36 N Long 87° 56 ' 29 W	N E Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
341070620	Milwaukee	41	Milwaukee

Sample					Soil Properties									
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
				Concrete										
G-13-1 (3.5 feet)	48 36		2 4					3.1		M				No petro odor
			6	0-11' Gray sandy clay	CL									
G-13-2 (8 feet)	48 24		8 10					3.1		M				No petro odor
G-13-3 (11 feet)	48 48		12 14 16 18	EOB at 11 feet bgs, Geoprobe refusal. Attempted to collect groundwater sample, no recovery after 5 hours. Borehole abandoned.				2.5		W				No petro odor

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

Signature: Firm: **METCO**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		G-14

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice	08/02/2017	08/02/2017	Geoprobe
Firm: Geiss Soil & Samples, LLC	MM/ DD/ YYYY	MM /DD/ YYYY	

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			667 feet MSL	675 feet MSL	2 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43° 5 ' 36 N	N E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
341070620	Milwaukee	41	Milwaukee

Sample					Soil Properties									
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
G-14-1 (3.5 feet)	48 24		2 4					4.9		M				No petro odor
			6	0-12' Tan sandy clay	CL									
								3.0		M				No petro odor
G-14-2 (8 feet)	48 42		8 10											
G-14-3 (12 feet)	48 48		12					3.7		W				No petro odor
				EOB at 12 feet bgs. Groundwater sample G-14-W collected at 7-12 feet. Borehole abandoned.										
			14 16 18											

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

Signature: Firm: **METCO**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		G-15

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice	08/02/2017	08/02/2017	Geoprobe
Firm: Geiss Soil & Samples, LLC	MM/ DD/ YYYY	MM /DD/ YYYY	

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			668 feet MSL	675 feet MSL	2 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43° 5 ' 36 N	N E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
341070620	Milwaukee	41	Milwaukee

Sample					Soil Properties										
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			2	0-4' Tan sandy clay	CL									
G-15-1 (3.5 feet)	48 36		4					3.1		M				No petro odor
			6	4-8' Tan to gray sandy clay	CL									
G-15-2 (8 feet)	48 48		8					3.7		M/W				No petro odor
			10	8-12' Tan sandy clay	CL									
G-15-3 (12 feet)	48 48		12	EOB at 12 feet bgs. Groundwater sample G-15-W collected at 7-12 feet. Borehole abandoned.				3.4		W				No petro odor
			14											
			16											
			18											

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

Signature: Firm: **METCO**

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Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		G-16

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice	08/02/2017	08/02/2017	
Firm: Geiss Soil & Samples, LLC	MM/ DD/ YYYY	MM /DD/ YYYY	Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			669 feet MSL	675 feet MSL	2 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43° 5 ' 36 N	N E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
341070620	Milwaukee	41	Milwaukee

Sample					Soil Properties									
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			2	0-4' Tan sandy clay	CL									
G-16-1 (3.5 feet)	48 24		4					4.4		M				No petro odor
			6											
G-16-2 (8 feet)	48 12		8	4-12' Gray sandy clay	CL			4.4		M/W				No petro odor
			10											
G-16-3 (12 feet)	48 12		12	EOB at 12 feet bgs. Groundwater sample G-16-W collected at 7-12 feet. Borehole abandoned.				4.1		W				No petro odor
			14											
			16											
			18											

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

Signature: Firm: **METCO**

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Department of Natural Resources

SOIL BORING LOG INFORMATION

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		G-17

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC	08/02/2017 MM/ DD/ YYYY	08/02/2017 MM /DD/ YYYY	Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			667 feet MSL	675 feet MSL	2 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Lat 43° 5 ' 36 N Long 87° 56 ' 29 W	N E Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
341070620	Milwaukee	41	Milwaukee

Sample					Soil Properties									
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			2	0-4' Tan sandy clay	CL									
G-17-1 (3.5 feet)	48 12		4					25		M				Petro odor
			6	4-8' Gray sandy clay	CL									
G-17-2 (7 feet)	48 30		8					47		M				Petro odor
			10	8-12' Tan sandy clay	CL									
G-17-3 (12 feet)	48 48		12	EOB at 12 feet bgs. Groundwater sample G-17-W collected at 7-12 feet. Borehole abandoned.				4.2		W				Slight petro odor from 8-10 feet
			14											
			16											
			18											

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Signature: Firm: **METCO**

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Department of Natural Resources

SOIL BORING LOG INFORMATION

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		G-18

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice Firm: Geiss Soil & Samples, LLC	08/02/2017 MM/ DD/ YYYY	08/02/2017 MM /DD/ YYYY	Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			668 feet MSL	675 feet MSL	2 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Lat 43° 5 ' 36 N Long 87° 56 ' 29 W	N E Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
341070620	Milwaukee	41	Milwaukee

Sample					Soil Properties									
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
G-18-1 (3.5 feet)	48 / 24		2, 4, 6	0-12' Tan sandy clay	CL			2.7		M				No petro odor
G-18-2 (8 feet)	48 / 42		8, 10					2.7		M/W				No petro odor
G-18-3 (12 feet)	48 / 30		12, 14, 16, 18	EOB at 12 feet bgs. Groundwater sample G-18-W collected at 7-12 feet. Borehole abandoned.				3.5		W				No petro odor

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

Signature: Firm: METCO

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		G-19

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice	08/02/2017	08/02/2017	Geoprobe
Firm: Geiss Soil & Samples, LLC	MM/ DD/ YYYY	MM /DD/ YYYY	

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			668 feet MSL	675 feet MSL	2 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43° 5 ' 36 N	N E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
341070620	Milwaukee	41	Milwaukee

Sample: Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	Soil Properties: USCS	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			2	0-4' Tan sandy clay	CL									
G-19-1 (3.5 feet)	48 30		4					5.9		M				Slight petro odor from 3-4 feet
			6	4-8' Tan to gray sandy clay	CL									
G-19-2 (7 feet)	48 48		8					103		M/W				Petro odor
			10	8-12' Tan sandy clay	CL									
G-19-3 (12 feet)	48 48		12	EOB at 12 feet bgs. Attempted to collect groundwater sample, no recovery after 2 hours. Borehole abandoned.				7.5		W				Slight petro odor from 8-10 feet
			14											
			16											
			18											

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

Signature: Firm: **METCO**

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Department of Natural Resources

SOIL BORING LOG INFORMATION

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		G-20

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice	08/02/2017	08/02/2017	Geoprobe
Firm: Geiss Soil & Samples, LLC	MM/ DD/ YYYY	MM /DD/ YYYY	

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				675 feet MSL	2 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43° 5 ' 36 N	N E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
341070620	Milwaukee	41	Milwaukee

Sample					Soil Properties										
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
				Concrete										
			2	0-4' Gray sandy clay	CL									
G-20-1 (3.5 feet)	48 30							10		M				Slight petro odor
			4	EOB at 4 feet bgs. Borehole abandoned.										
			6											
			8											
			10											
			12											
			14											
			16											
			18											

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

Signature: Bryan Kramer Firm: **METCO**

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		G-21

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice	08/02/2017	08/02/2017	
Firm: Geiss Soil & Samples, LLC	MM/ DD/ YYYY	MM /DD/ YYYY	Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			667 feet MSL	675 feet MSL	2 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43° 5 ' 36 N	N E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
341070620	Milwaukee	41	Milwaukee

Sample					Soil Properties										
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
				Concrete										
			2	0-4' Tan sandy clay	CL									
G-21-1 (3.5 feet)	48 18		4					2.9		M				No petro odor
			6	4-8' Gray to tan sandy clay	CL									
G-21-2 (8 feet)	48 42		8					3.1		M				No petro odor
			10	8-12' Tan sandy clay	CL									
G-21-3 (12 feet)	48 48		12	EOB at 12 feet bgs. Groundwater sample G-21-W collected at 7-12 feet. Borehole abandoned.				3.7		W				No petro odor
			14											
			16											
			18											

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

Signature: Firm: **METCO**

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		G-22

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Darrin Last: Prentice	08/02/2017	08/02/2017	Geoprobe
Firm: Geiss Soil & Samples, LLC	MM/ DD/ YYYY	MM /DD/ YYYY	

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			667 feet MSL	675 feet MSL	2 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43° 5 ' 36 N	N E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S Feet W

Facility ID	County	County Code	Civil Town / **City** / Village
341070620	Milwaukee	41	Milwaukee

Sample					Soil Properties									
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
				Concrete										
G-22-1 (3.5 feet)	48 18		2					3.6		M				No petro odor
			4											
			6	0-12' Tan sandy clay	CL									
								4.1		M				No petro odor
G-22-2 (8 feet)	48 48		8											
			10											
G-22-3 (12 feet)	48 48		12	EOB at 12 feet bgs. Groundwater sample G-22-W collected at 7-12 feet. Borehole abandoned.				4.0		W				No petro odor
			14											
			16											
			18											

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

Signature: Firm: **METCO**

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

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		MW-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Bob Last: Rector Firm: SES	03/15/2018 MM/ DD/ YYYY	03/15/2018 MM /DD/ YYYY	H.S.A

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
WA124		MW-1	Dry	675 feet MSL	8 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43° 5 ' 36 N	N E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S Feet W

Facility ID	County	County Code	Civil Town / **City** / Village
341070620	Milwaukee	41	Milwaukee

Sample					Soil Properties									
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
MW-1-1 3.5 ft	24 12		2	Gray sandy clay with gravel	CL		See Well Construction Form	482		M				Petro Odor
			4											
			6											
MW-1-2 8 ft	24 18		8	Gray sandy clay	CL			133		M				Petro Odor
			10											
MW-1-3 12 ft	24 12		12	Gray sandy clay	CL			56		M				Slight Petro Odor
			14											
			16	EOB @ 15 Feet. Installed MW-1 to 14 feet bgs with a 10 foot screen.										
			18											
			20											

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

Signature: Firm: **METCO**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		MW-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Bob Last: Rector	03/15/2018	03/15/2018	H.S.A
Firm: SES	MM/ DD/ YYYY	MM /DD/ YYYY	

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
WA125		MW-2	Dry	675 feet MSL	8 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43° 5 ' 36 N	N E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
341070620	Milwaukee	41	Milwaukee

Sample Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	Soil Properties USCS	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
MW-2-1 3.5 ft	24 12		2	Gray sandy clay	CL		See Well Construction Form	149		M				Petro Odor
			4											
			6											
MW-2-2 8 ft	24 18		8	Tan to gray sandy clay	CL			61		M				Slight Petro Odor
			10											
MW-2-3 12 ft	24 18		12	Tan sandy clay	CL			10.6		M				No Petro Odor
			14											
			16	EOB @ 15.5 Feet. Installed MW-2 to 14 feet bgs with a 10 foot screen.										
			18											
			20											

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

Signature: Firm: **METCO**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		MW-3

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Bob Last: Rector Firm: SES	03/15/2018 MM/ DD/ YYYY	03/15/2018 MM /DD/ YYYY	H.S.A

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
WA126		MW-3	Dry	675 feet MSL	8 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43° 5 ' 36 N	N E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
341070620	Milwaukee	41	Milwaukee

Sample					Soil Properties										
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
MW-3-1 3.5 ft	24 6		2	Tan sandy clay	CL		See Well Construction Form	2.4		M				No Petro Odor
MW-3-2 8 ft	24 12		8	Gray sandy clay with gravel	CL			111		M				Petro Odor
MW-3-3 12 ft	24 12		12	Tan sandy clay	CL			6.6		M				No Petro Odor
			16	EOB @ 15 Feet. Installed MW-3 to 14 feet bgs with a 10 foot screen.										

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

Signature: Firm: **METCO**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		MW-4

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Bob Last: Rector Firm: SES	03/14/2018 MM/ DD/ YYYY	03/14/2018 MM /DD/ YYYY	H.S.A

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
WA127		MW-4	Dry	675 feet MSL	8 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43° 5 ' 36 N	N E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
341070620	Milwaukee	41	Milwaukee

Sample					Soil Properties									
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P. 200	RQD / Comments
MW-4-1 3.5 ft	24 12		2 4 6	Tan sandy clay	CL		See Well Construction Form	0.5		M				No Petro Odor
MW-4-2 6-8 ft	24 0		8	No Recovery										
MW-4-3 12 ft	24 18		10 12 14	Tan to gray sandy clay	CL			1.8		M				No Petro Odor
			16 18 20	EOB @ 15 Feet. Installed MW-4 to 14 feet bgs with a 10 foot screen.										

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

Signature: Firm: **METCO**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		MW-5

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Bob Last: Rector Firm: SES	03/14/2018 MM/ DD/ YYYY	03/14/2018 MM /DD/ YYYY	H.S.A

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
WA128		MW-5	Dry	675 feet MSL	8 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43° 5 ' 36 N	N E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S Feet W

Facility ID	County	County Code	Civil Town / **City** / Village
341070620	Milwaukee	41	Milwaukee

Sample					Soil Properties									
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
MW-5-1 3.5 ft	24 12		2 4	Tan sandy clay with gravel	CL		See Well Construction Form	0.8		M				No Petro Odor
MW-5-2 8 ft	24 12		6 8	Gray sandy clay	CL			11.9		M				Slight Petro Odor
MW-5-3 12 ft	24 18		10 12	Tan to gray sandy clay	CL			0.6		M				No Petro Odor
			14 16	EOB @ 15 Feet. Installed MW-5 to 14 feet bgs with a 10 foot screen.										
			18 20											

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

Signature: Firm: **METCO**

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Ellis Hand Car Wash		MW-6

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Bob Last: Rector Firm: SES	03/14/2018 MM/ DD/ YYYY	03/14/2018 MM /DD/ YYYY	H.S.A

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
WA129		MW-6	Dry	675 feet MSL	8 inches

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat 43° 5 ' 36 N	N E
SW ¼ of SW ¼ of Section 6 , T 7 N, R 22 E	Long 87° 56 ' 29 W	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
341070620	Milwaukee	41	Milwaukee

Sample					Soil Properties									
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
MW-6-1 3.5 ft	24 12		2	Tan sandy clay with gravel	CL		See Well Construction Form	0.7		M				No Petro Odor
			4											
			6											
MW-6-2 8 ft	24 18		8	Tan sandy clay with gravel	CL			1.0		M				No Petro Odor
			10											
MW-6-3 12 ft	24 18		12	Tan to gray sandy clay	CL			0.6		M				No Petro Odor
			14											
			16	EOB @ 15 Feet. Installed MW-5 to 14 feet bgs with a 10 foot screen.										
			18											
			20											

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

Signature: Firm: **METCO**

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) Page 1 of 2

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

☐ Verification Only of Fill and Seal

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE		

Latitude / Longitude (Degrees and Minutes): 43 ° 5.6 'N / 87 ° 56.48 'W — Method Code (see instructions):

¼ / ¼	¼	Section	Township	Range	
SW	SW	6	7 N	22	[X] E ☐ W

or Gov't Lot #:

Well Street Address: 2335 W Atkinson Avenue

Well City, Village or Town	Well ZIP Code
Milwaukee	53209-

Subdivision Name	Lot #

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

2. Facility / Owner Information

Facility Name: Ellis Hand Car Wash

Facility ID (FID or PWS): 341070620

License/Permit/Monitoring #:

Original Well Owner: Donald Miller

Present Well Owner: Donald Miller

Mailing Address of Present Owner: 2433 W. Roosevelt Drive

City of Present Owner	State	ZIP Code
Milwaukee	WI	53209-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 8/1/2017

If a Well Construction Report is available, please attach.

Construction Type: ☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
2	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	8

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

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	☐ No	[X] N/A
Casing left in place?	☐ Yes	☐ No	[X] N/A
Was casing cut off below surface?	☐ Yes	☐ No	[X] N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials: ☐ Neat Cement Grout ☐ Sand-Cement (Concrete) Grout ☐ Concrete ☐ Clay-Sand Slurry (11 lb./gal. wt.) ☐ Bentonite-Sand Slurry " " ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only: [X] Bentonite Chips ☐ Granular Bentonite ☐ Bentonite - Cement Grout ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	Pounds	
Medium Bentonite Chips	Surface	12	18	

6. Comments

Geoprobe Boring G-1
Abandoned by Geiss Soil & Samples, LLC under METCO supervision

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Eric Dahl (METCO)		8/1/2017

Street or Route	Telephone Number
709 Gillette Street, Suite 3	(608) 781-8879

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
La Crosse	WI	54603-		8/31/17

DNR Use Only

Date Received	Noted By

Comments:

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) Page 1 of 2

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

☐ Verification Only of Fill and Seal

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE		

Latitude / Longitude (Degrees and Minutes) | Method Code (see instructions)

43 ° 5.6 ' N

87 ° 56.48 ' W

¼ / ¼	¼	Section	Township	Range	
SW	SW	6	7 N	22	[X] E ☐ W

or Gov't Lot #

Well Street Address: 2335 W Atkinson Avenue

Well City, Village or Town: Milwaukee | Well ZIP Code: 53209-

Subdivision Name | Lot #

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

2. Facility / Owner Information

Facility Name: Ellis Hand Car Wash

Facility ID (FID or PWS): 341070620

License/Permit/Monitoring #

Original Well Owner: Donald Miller

Present Well Owner: Donald Miller

Mailing Address of Present Owner: 2433 W. Roosevelt Drive

City of Present Owner	State	ZIP Code
Milwaukee	WI	53209-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 8/1/2017

If a Well Construction Report is available, please attach.

Construction Type:

☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type:

[X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
10	
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	8

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

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	☐ No	[X] N/A
Casing left in place?	☐ Yes	☐ No	[X] N/A
Was casing cut off below surface?	☐ Yes	☐ No	[X] N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material

☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials

☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

[X] Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	Pounds	
Medium Bentonite Chips	Surface	10	15	

6. Comments

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

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Eric Dahl (METCO)		8/1/2017

Street or Route: 709 Gillette Street, Suite 3 | Telephone Number: (608) 781-8879

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
La Crosse	WI	54603-		8/31/17

DNR Use Only

Date Received	Noted By

Comments

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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

☐ Verification Only of Fill and Seal

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE		

Latitude / Longitude (Degrees and Minutes) — Method Code (see instructions)

43 ° 5.6 ' N

87 ° 56.48 ' W

¼ / ¼	¼	Section	Township	Range	
SW	SW	6	7 N	22	[X] E ☐ W

or Gov't Lot #

Well Street Address: 2335 W Atkinson Avenue

Well City, Village or Town: Milwaukee — Well ZIP Code: 53209-

Subdivision Name — Lot #

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

2. Facility / Owner Information

Facility Name: Ellis Hand Car Wash

Facility ID (FID or PWS): 341070620

License/Permit/Monitoring #

Original Well Owner: Donald Miller

Present Well Owner: Donald Miller

Mailing Address of Present Owner: 2433 W. Roosevelt Drive

City of Present Owner: Milwaukee — State: WI — ZIP Code: 53209-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 8/1/2017

If a Well Construction Report is available, please attach.

Construction Type:

☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type:

[X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)? — Depth to Water (feet): 8

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

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	☐ No	[X] N/A
Casing left in place?	☐ Yes	☐ No	[X] N/A
Was casing cut off below surface?	☐ Yes	☐ No	[X] N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material

☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials

☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

[X] Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	Pounds	
Medium Bentonite Chips	Surface	12	18	

6. Comments

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

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Eric Dahl (METCO)		8/1/2017

Street or Route: 709 Gillette Street, Suite 3 — Telephone Number: (608) 781-8879

City: La Crosse — State: WI — ZIP Code: 54603-

Signature of Person Doing Work

Date Signed: 8/31/17

DNR Use Only

Date Received — Noted By

Comments

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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

☐ Verification Only of Fill and Seal

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE		

Latitude / Longitude (Degrees and Minutes) — Method Code (see instructions)

43 ° 5.6 ' N

87 ° 56.48 ' W

¼ / ¼	¼	Section	Township	Range	
SW	SW	6	7 N	22	[X] E ☐ W

or Gov't Lot #

Well Street Address: 2335 W Atkinson Avenue

Well City, Village or Town: Milwaukee — Well ZIP Code: 53209-

Subdivision Name — Lot #

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

2. Facility / Owner Information

Facility Name: Ellis Hand Car Wash

Facility ID (FID or PWS): 341070620

License/Permit/Monitoring #

Original Well Owner: Donald Miller

Present Well Owner: Donald Miller

Mailing Address of Present Owner: 2433 W. Roosevelt Drive

City of Present Owner: Milwaukee — State: WI — ZIP Code: 53209-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 8/1/2017

If a Well Construction Report is available, please attach.

Construction Type: ☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
11	
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)? — Depth to Water (feet): 8

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

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	☐ No	[X] N/A
Casing left in place?	☐ Yes	☐ No	[X] N/A
Was casing cut off below surface?	☐ Yes	☐ No	[X] N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material

☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials

☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

[X] Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	Pounds	
Medium Bentonite Chips	Surface	11	16.5	

6. Comments

Geoprobe Boring G-4
Abandoned by Geiss Soil & Samples, LLC under METCO supervision

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing: Eric Dahl (METCO) — License # — Date of Filling & Sealing (mm/dd/yyyy): 8/1/2017

Street or Route: 709 Gillette Street, Suite 3 — Telephone Number: (608) 781-8879

City: La Crosse — State: WI — ZIP Code: 54603-

Signature of Person Doing Work — Date Signed: 8/31/17

DNR Use Only

Date Received — Noted By

Comments

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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☐ Verification Only of Fill and Seal

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE		

Latitude / Longitude (Degrees and Minutes) — Method Code (see instructions)

43 ° 5.6 ' N

87 ° 56.48 ' W

¼ ¼	¼	Section	Township	Range	
SW	SW	6	7 N	22	[X] E ☐ W

or Gov't Lot #

Well Street Address: 2335 W Atkinson Avenue

Well City, Village or Town	Well ZIP Code
Milwaukee	53209-

Subdivision Name	Lot #

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

2. Facility / Owner Information

Facility Name: Ellis Hand Car Wash

Facility ID (FID or PWS): 341070620

License/Permit/Monitoring #:

Original Well Owner: Donald Miller

Present Well Owner: Donald Miller

Mailing Address of Present Owner: 2433 W. Roosevelt Drive

City of Present Owner	State	ZIP Code
Milwaukee	WI	53209-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 8/1/2017

If a Well Construction Report is available, please attach.

Construction Type: ☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
2	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	7

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

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	☐ No	[X] N/A
Casing left in place?	☐ Yes	☐ No	[X] N/A
Was casing cut off below surface?	☐ Yes	☐ No	[X] N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material

☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials

☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

[X] Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	Pounds	
Medium Bentonite Chips	Surface	12	18	

6. Comments

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

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Eric Dahl (METCO)		8/1/2017

Street or Route	Telephone Number
709 Gillette Street, Suite 3	(608) 781-8879

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
La Crosse	WI	54603-		8/31/17

DNR Use Only

Date Received	Noted By

Comments:

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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☐ Verification Only of Fill and Seal

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE		

Latitude / Longitude (Degrees and Minutes) | Method Code (see instructions)
43 ° 5.6 ' N
87 ° 56.48 ' W

¼ / ¼	¼	Section	Township	Range	
SW	SW	6	7 N	22	[X] E ☐ W

or Gov't Lot #

Well Street Address: 2335 W Atkinson Avenue

Well City, Village or Town	Well ZIP Code
Milwaukee	53209-

Subdivision Name	Lot #

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

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
[X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 8/1/2017

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
[X] Other (specify): Geoprobe

Formation Type:
[X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
2	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	7

2. Facility / Owner Information

Facility Name: Ellis Hand Car Wash

Facility ID (FID or PWS): 341070620

License/Permit/Monitoring #:

Original Well Owner: Donald Miller

Present Well Owner: Donald Miller

Mailing Address of Present Owner: 2433 W. Roosevelt Drive

City of Present Owner	State	ZIP Code
Milwaukee	WI	53209-

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

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	☐ No	[X] N/A
Casing left in place?	☐ Yes	☐ No	[X] N/A
Was casing cut off below surface?	☐ Yes	☐ No	[X] N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[X] Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	Pounds	
Medium Bentonite Chips	Surface	12	18	

6. Comments

Geoprobe Boring G-6
Abandoned by Geiss Soil & Samples, LLC under METCO supervision

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Eric Dahl (METCO)		8/1/2017

Street or Route	Telephone Number
709 Gillette Street, Suite 3	(608) 781-8879

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
La Crosse	WI	54603-		8/31/17

DNR Use Only

Date Received	Noted By

Comments:

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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☐ Verification Only of Fill and Seal

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE		

Latitude / Longitude (Degrees and Minutes): 43 ° 5.6 ' N; 87 ° 56.48 ' W — Method Code (see instructions):

¼ / ¼	¼	Section	Township	Range	
SW	SW	6	7 N	22	[X] E ☐ W

or Gov't Lot #

Well Street Address: 2335 W Atkinson Avenue

Well City, Village or Town: Milwaukee — Well ZIP Code: 53209-

Subdivision Name: — Lot #:

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

2. Facility / Owner Information

Facility Name: Ellis Hand Car Wash

Facility ID (FID or PWS): 341070620

License/Permit/Monitoring #:

Original Well Owner: Donald Miller

Present Well Owner: Donald Miller

Mailing Address of Present Owner: 2433 W. Roosevelt Drive

City of Present Owner: Milwaukee — State: WI — ZIP Code: 53209-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 8/2/2017

If a Well Construction Report is available, please attach.

Construction Type: ☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)? — Depth to Water (feet): 7.5

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

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	☐ No	[X] N/A
Casing left in place?	☐ Yes	☐ No	[X] N/A
Was casing cut off below surface?	☐ Yes	☐ No	[X] N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials: ☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.) ☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " " ☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only: [X] Bentonite Chips ☐ Bentonite - Cement Grout ☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)	Pounds	
Medium Bentonite Chips	Surface	12	18	

6. Comments

Geoprobe Boring G-7
Abandoned by Geiss Soil & Samples, LLC under METCO supervision

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Eric Dahl (METCO)		8/2/2017

Street or Route: 709 Gillette Street, Suite 3 — Telephone Number: (608) 781-8879

City: La Crosse — State: WI — ZIP Code: 54603-

Signature of Person Doing Work: — Date Signed: 8/31/17

DNR Use Only

Date Received	Noted By

Comments:

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) Page 1 of 2

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☐ Verification Only of Fill and Seal

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE		

Latitude / Longitude (Degrees and Minutes): 43 ° 5.6 ' N; 87 ° 56.48 ' W — Method Code (see instructions):

¼ / ¼	¼	Section	Township	Range	
SW	SW	6	7 N	22	[X] E ☐ W

or Gov't Lot #

Well Street Address: 2335 W Atkinson Avenue

Well City, Village or Town	Well ZIP Code
Milwaukee	53209-

Subdivision Name: — Lot #:

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

2. Facility / Owner Information

Facility Name: Ellis Hand Car Wash

Facility ID (FID or PWS): 341070620

License/Permit/Monitoring #:

Original Well Owner: Donald Miller

Present Well Owner: Donald Miller

Mailing Address of Present Owner: 2433 W. Roosevelt Drive

City of Present Owner	State	ZIP Code
Milwaukee	WI	53209-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 8/2/2017

If a Well Construction Report is available, please attach.

Construction Type: ☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	7.5

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

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	☐ No	[X] N/A
Casing left in place?	☐ Yes	☐ No	[X] N/A
Was casing cut off below surface?	☐ Yes	☐ No	[X] N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials: ☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.) ☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " " ☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only: [X] Bentonite Chips ☐ Bentonite - Cement Grout ☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

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

6. Comments

Geoprobe Boring G-8
Abandoned by Geiss Soil & Samples, LLC under METCO supervision

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Eric Dahl (METCO)		8/2/2017

Street or Route: 709 Gillette Street, Suite 3 — Telephone Number: (608) 781-8879

City	State	ZIP Code
La Crosse	WI	54603-

Signature of Person Doing Work: — Date Signed: 8/31/17

DNR Use Only

Date Received	Noted By

Comments:

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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☐ Verification Only of Fill and Seal

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE		

Latitude / Longitude (Degrees and Minutes): 43 ° 5.6 ' N; 87 ° 56.48 ' W — Method Code (see instructions):

¼ / ¼	¼	Section	Township	Range	
SW	SW	6	7 N	22	[X] E ☐ W

or Gov't Lot #

Well Street Address: 2335 W Atkinson Avenue

Well City, Village or Town	Well ZIP Code
Milwaukee	53209-

Subdivision Name: — Lot #:

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

2. Facility / Owner Information

Facility Name: Ellis Hand Car Wash

Facility ID (FID or PWS): 341070620

License/Permit/Monitoring #:

Original Well Owner: Donald Miller

Present Well Owner: Donald Miller

Mailing Address of Present Owner: 2433 W. Roosevelt Drive

City of Present Owner	State	ZIP Code
Milwaukee	WI	53209-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 8/2/2017

If a Well Construction Report is available, please attach.

Construction Type: ☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)? — Depth to Water (feet): 7

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

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	☐ No	[X] N/A
Casing left in place?	☐ Yes	☐ No	[X] N/A
Was casing cut off below surface?	☐ Yes	☐ No	[X] N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material

☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials

☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

[X] Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

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

6. Comments

Geoprobe Boring G-9
Abandoned by Geiss Soil & Samples, LLC under METCO supervision

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Eric Dahl (METCO)		8/2/2017

Street or Route: 709 Gillette Street, Suite 3 — Telephone Number: (608) 781-8879

City	State	ZIP Code
La Crosse	WI	54603-

Signature of Person Doing Work: — Date Signed: 8/31/17

DNR Use Only

Date Received	Noted By

Comments:

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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

☐ Verification Only of Fill and Seal

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE		

Latitude / Longitude (Degrees and Minutes) — Method Code (see instructions)

43 ° 5.6 ' N

87 ° 56.48 ' W

¼ / ¼	¼	Section	Township	Range	
SW	SW	6	7 N	22	[X] E ☐ W

or Gov't Lot #

Well Street Address: 2335 W Atkinson Avenue

Well City, Village or Town	Well ZIP Code
Milwaukee	53209-

Subdivision Name — Lot #

Reason For Removal From Service: Sampling Complete

WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: Ellis Hand Car Wash

Facility ID (FID or PWS): 341070620

License/Permit/Monitoring #:

Original Well Owner: Donald Miller

Present Well Owner: Donald Miller

Mailing Address of Present Owner: 2433 W. Roosevelt Drive

City of Present Owner	State	ZIP Code
Milwaukee	WI	53209-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 8/2/2017

If a Well Construction Report is available, please attach.

Construction Type:

☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type:

[X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	7

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

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	☐ No	[X] N/A
Casing left in place?	☐ Yes	☐ No	[X] N/A
Was casing cut off below surface?	☐ Yes	☐ No	[X] N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material

☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials

☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

[X] Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)	Pounds	
Medium Bentonite Chips	Surface	12	18	

6. Comments

Geoprobe Boring G-10
Abandoned by Geiss Soil & Samples, LLC under METCO supervision

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Eric Dahl (METCO)		8/2/2017

Street or Route: 709 Gillette Street, Suite 3

Telephone Number: (608) 781-8879

City	State	ZIP Code
La Crosse	WI	54603-

Signature of Person Doing Work

Date Signed: 8/31/17

DNR Use Only

Date Received	Noted By

Comments:

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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☐ Verification Only of Fill and Seal

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE		

Latitude / Longitude (Degrees and Minutes) | Method Code (see instructions)
43 ° 5.6 ' N
87 ° 56.48 ' W

¼ / ¼	¼	Section	Township	Range	
SW	SW	6	7 N	22	[X] E ☐ W

or Gov't Lot #

Well Street Address: 2335 W Atkinson Avenue

Well City, Village or Town	Well ZIP Code
Milwaukee	53209-

Subdivision Name | Lot #

Reason For Removal From Service: Sampling Complete

WI Unique Well # of Replacement Well

2. Facility / Owner Information

Facility Name: Ellis Hand Car Wash

Facility ID (FID or PWS): 341070620

License/Permit/Monitoring #

Original Well Owner: Donald Miller

Present Well Owner: Donald Miller

Mailing Address of Present Owner: 2433 W. Roosevelt Drive

City of Present Owner	State	ZIP Code
Milwaukee	WI	53209-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 8/2/2017

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type:
[X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	8

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

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	☐ No	[X] N/A
Casing left in place?	☐ Yes	☐ No	[X] N/A
Was casing cut off below surface?	☐ Yes	☐ No	[X] N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[X] Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

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

6. Comments

Geoprobe Boring G-11
Abandoned by Geiss Soil & Samples, LLC under METCO supervision

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Eric Dahl (METCO)		8/2/2017

Street or Route	Telephone Number
709 Gillette Street, Suite 3	(608) 781-8879

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
La Crosse	WI	54603-		8/31/17

DNR Use Only

Date Received	Noted By

Comments

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) Page 1 of 2

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

☐ Verification Only of Fill and Seal

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE		

Latitude / Longitude (Degrees and Minutes) 43 ° 5.6 ' N; 87 ° 56.48 ' W — Method Code (see instructions):

¼ / ¼	¼	Section	Township	Range	
SW	SW	6	7 N	22	[X] E ☐ W

or Gov't Lot #:

Well Street Address: 2335 W Atkinson Avenue

Well City, Village or Town	Well ZIP Code
Milwaukee	53209-

Subdivision Name: — Lot #:

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

2. Facility / Owner Information

Facility Name: Ellis Hand Car Wash

Facility ID (FID or PWS): 341070620

License/Permit/Monitoring #:

Original Well Owner: Donald Miller

Present Well Owner: Donald Miller

Mailing Address of Present Owner: 2433 W. Roosevelt Drive

City of Present Owner	State	ZIP Code
Milwaukee	WI	53209-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 8/2/2017

If a Well Construction Report is available, please attach.

Construction Type: ☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
2	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	8

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

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	☐ No	[X] N/A
Casing left in place?	☐ Yes	☐ No	[X] N/A
Was casing cut off below surface?	☐ Yes	☐ No	[X] N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials: ☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.) ☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " " ☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only: [X] Bentonite Chips ☐ Bentonite - Cement Grout ☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)	Pounds	
Medium Bentonite Chips	Surface	12	18	

6. Comments

Geoprobe Boring G-12
Abandoned by Geiss Soil & Samples, LLC under METCO supervision

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Eric Dahl (METCO)		8/2/2017

Street or Route	Telephone Number
709 Gillette Street, Suite 3	(608) 781-8879

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
La Crosse	WI	54603-		8/31/17

DNR Use Only

Date Received	Noted By

Comments:

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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☐ Verification Only of Fill and Seal

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE		

Latitude / Longitude (Degrees and Minutes): 43 ° 5.6 ' N; 87 ° 56.48 ' W — Method Code (see instructions):

¼ / ¼	¼	Section	Township	Range	
SW	SW	6	7 N	22	[X] E ☐ W

or Gov't Lot #:

Well Street Address: 2335 W Atkinson Avenue

Well City, Village or Town: Milwaukee — Well ZIP Code: 53209-

Subdivision Name: — Lot #:

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

2. Facility / Owner Information

Facility Name: Ellis Hand Car Wash

Facility ID (FID or PWS): 341070620

License/Permit/Monitoring #:

Original Well Owner: Donald Miller

Present Well Owner: Donald Miller

Mailing Address of Present Owner: 2433 W. Roosevelt Drive

City of Present Owner: Milwaukee — State: WI — ZIP Code: 53209-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 8/2/2017

If a Well Construction Report is available, please attach.

Construction Type: ☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
11	
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	8

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

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	☐ No	[X] N/A
Casing left in place?	☐ Yes	☐ No	[X] N/A
Was casing cut off below surface?	☐ Yes	☐ No	[X] N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material

☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials

☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

[X] Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)	Pounds	
Medium Bentonite Chips	Surface	11	16.5	

6. Comments

Geoprobe Boring G-13
Abandoned by Geiss Soil & Samples, LLC under METCO supervision

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Eric Dahl (METCO)		8/2/2017

Street or Route: 709 Gillette Street, Suite 3 — Telephone Number: (608) 781-8879

City: La Crosse — State: WI — ZIP Code: 54603-

Signature of Person Doing Work: Eric Dahl — Date Signed: 8/31/17

DNR Use Only

Date Received: — Noted By: — Comments:

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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☐ Verification Only of Fill and Seal

Route to: ☐ Drinking Water ☐ Waste Management ☐ Watershed/Wastewater ☐ Other: [x] Remediation/Redevelopment

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE		

Latitude / Longitude (Degrees and Minutes) 43 ° 5.6 ' N; 87 ° 56.48 ' W — Method Code (see instructions):

¼ / ¼	¼	Section	Township	Range	
SW	SW	6	7 N	22	[x] E ☐ W

or Gov't Lot #:

Well Street Address: 2335 W Atkinson Avenue

Well City, Village or Town: Milwaukee — Well ZIP Code: 53209-

Subdivision Name: — Lot #:

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

2. Facility / Owner Information

Facility Name: Ellis Hand Car Wash

Facility ID (FID or PWS): 341070620

License/Permit/Monitoring #:

Original Well Owner: Donald Miller

Present Well Owner: Donald Miller

Mailing Address of Present Owner: 2433 W. Roosevelt Drive

City of Present Owner: Milwaukee — State: WI — ZIP Code: 53209-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [x] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 8/2/2017

If a Well Construction Report is available, please attach.

Construction Type: ☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [x] Other (specify): Geoprobe

Formation Type: [x] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.): 12 — Casing Diameter (in.):

Lower Drillhole Diameter (in.): 2 — Casing Depth (ft.):

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)? — Depth to Water (feet): 8

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

Pump and piping removed?	☐ Yes	☐ No	[x] N/A
Liner(s) removed?	☐ Yes	☐ No	[x] N/A
Screen removed?	☐ Yes	☐ No	[x] N/A
Casing left in place?	☐ Yes	☐ No	[x] N/A
Was casing cut off below surface?	☐ Yes	☐ No	[x] N/A
Did sealing material rise to surface?	[x] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[x] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[x] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[x] Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [x] Other (Explain): Gravity

Sealing Materials: ☐ Neat Cement Grout ☐ Sand-Cement (Concrete) Grout ☐ Concrete ☐ Clay-Sand Slurry (11 lb./gal. wt.) ☐ Bentonite-Sand Slurry " " ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only: [x] Bentonite Chips ☐ Granular Bentonite ☐ Bentonite - Cement Grout ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	Pounds	
Medium Bentonite Chips	Surface	12	18	

6. Comments

Geoprobe Boring G-14
Abandoned by Geiss Soil & Samples, LLC under METCO supervision

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Eric Dahl (METCO)		8/2/2017

Street or Route: 709 Gillette Street, Suite 3 — Telephone Number: (608) 781-8879

City: La Crosse — State: WI — ZIP Code: 54603-

Signature of Person Doing Work: — Date Signed: 8/31/17

DNR Use Only

Date Received: — Noted By: — Comments:

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) Page 1 of 2

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☐ Verification Only of Fill and Seal

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE		

Latitude / Longitude (Degrees and Minutes) | Method Code (see instructions)

43 ° 5.6 ' N

87 ° 56.48 ' W

¼ / ¼	¼	Section	Township	Range	
SW	SW	6	7 N	22	[X] E ☐ W

or Gov't Lot #

Well Street Address: 2335 W Atkinson Avenue

Well City, Village or Town	Well ZIP Code
Milwaukee	53209-

Subdivision Name | Lot #

Reason For Removal From Service: Sampling Complete

WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: Ellis Hand Car Wash

Facility ID (FID or PWS): 341070620

License/Permit/Monitoring #:

Original Well Owner: Donald Miller

Present Well Owner: Donald Miller

Mailing Address of Present Owner: 2433 W. Roosevelt Drive

City of Present Owner	State	ZIP Code
Milwaukee	WI	53209-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 8/2/2017

If a Well Construction Report is available, please attach.

Construction Type:

☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type:

[X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	7

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

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	☐ No	[X] N/A
Casing left in place?	☐ Yes	☐ No	[X] N/A
Was casing cut off below surface?	☐ Yes	☐ No	[X] N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material

☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials

☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

[X] Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	Pounds	
Medium Bentonite Chips	Surface	12	18	

6. Comments

Geoprobe Boring G-15
Abandoned by Geiss Soil & Samples, LLC under METCO supervision

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Eric Dahl (METCO)		8/2/2017

Street or Route: 709 Gillette Street, Suite 3

Telephone Number: (608) 781-8879

City	State	ZIP Code
La Crosse	WI	54603-

Signature of Person Doing Work

Date Signed: 8/31/17

DNR Use Only

Date Received | Noted By

Comments

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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

☐ Verification Only of Fill and Seal

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE		

Latitude / Longitude (Degrees and Minutes): 43 ° 5.6 ' N; 87 ° 56.48 ' W — Method Code (see instructions):

¼ / ¼	¼	Section	Township	Range	
SW	SW	6	7 N	22	[X] E ☐ W

or Gov't Lot #

Well Street Address: 2335 W Atkinson Avenue

Well City, Village or Town	Well ZIP Code
Milwaukee	53209-

Subdivision Name: — Lot #:

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

2. Facility / Owner Information

Facility Name: Ellis Hand Car Wash

Facility ID (FID or PWS): 341070620

License/Permit/Monitoring #:

Original Well Owner: Donald Miller

Present Well Owner: Donald Miller

Mailing Address of Present Owner: 2433 W. Roosevelt Drive

City of Present Owner	State	ZIP Code
Milwaukee	WI	53209-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 8/2/2017

If a Well Construction Report is available, please attach.

Construction Type: ☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	6

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

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	☐ No	[X] N/A
Casing left in place?	☐ Yes	☐ No	[X] N/A
Was casing cut off below surface?	☐ Yes	☐ No	[X] N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials: ☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.) ☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " " ☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only: [X] Bentonite Chips ☐ Bentonite - Cement Grout ☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	Pounds	
Medium Bentonite Chips	Surface	12	18	

6. Comments

Geoprobe Boring G-16
Abandoned by Geiss Soil & Samples, LLC under METCO supervision

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Eric Dahl (METCO)		8/2/2017

Street or Route: 709 Gillette Street, Suite 3 — Telephone Number: (608) 781-8879

City	State	ZIP Code
La Crosse	WI	54603-

Signature of Person Doing Work: [signature] — Date Signed: 8/31/17

DNR Use Only

Date Received	Noted By

Comments:

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) Page 1 of 2

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☐ Verification Only of Fill and Seal

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE		

Latitude / Longitude (Degrees and Minutes) 43 ° 5.6 ' N; 87 ° 56.48 ' W — Method Code (see instructions):

¼ / ¼	¼	Section	Township	Range	
SW	SW	6	7 N	22	[X] E ☐ W

or Gov't Lot #

Well Street Address: 2335 W Atkinson Avenue

Well City, Village or Town	Well ZIP Code
Milwaukee	53209-

Subdivision Name: — Lot #:

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

2. Facility / Owner Information

Facility Name: Ellis Hand Car Wash

Facility ID (FID or PWS): 341070620

License/Permit/Monitoring #:

Original Well Owner: Donald Miller

Present Well Owner: Donald Miller

Mailing Address of Present Owner: 2433 W. Roosevelt Drive

City of Present Owner	State	ZIP Code
Milwaukee	WI	53209-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 8/2/2017

If a Well Construction Report is available, please attach.

Construction Type: ☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	8

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

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	☐ No	[X] N/A
Casing left in place?	☐ Yes	☐ No	[X] N/A
Was casing cut off below surface?	☐ Yes	☐ No	[X] N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[X] Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	Pounds	
Medium Bentonite Chips	Surface	12	18	

6. Comments

Geoprobe Boring G-17
Abandoned by Geiss Soil & Samples, LLC under METCO supervision

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Eric Dahl (METCO)		8/2/2017

Street or Route: 709 Gillette Street, Suite 3 — Telephone Number: (608) 781-8879

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
La Crosse	WI	54603-		8/31/17

DNR Use Only

Date Received	Noted By

Comments:

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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☐ Verification Only of Fill and Seal

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE		

Latitude / Longitude (Degrees and Minutes)	Method Code (see instructions)
43 ° 5.6 ' N	
87 ° 56.48 ' W	

¼ / ¼	¼	Section	Township	Range	
SW	SW	6	7 N	22	[X] E ☐ W

or Gov't Lot #

Well Street Address: 2335 W Atkinson Avenue

Well City, Village or Town	Well ZIP Code
Milwaukee	53209-

Subdivision Name	Lot #

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

2. Facility / Owner Information

Facility Name: Ellis Hand Car Wash

Facility ID (FID or PWS): 341070620

License/Permit/Monitoring #:

Original Well Owner: Donald Miller

Present Well Owner: Donald Miller

Mailing Address of Present Owner: 2433 W. Roosevelt Drive

City of Present Owner	State	ZIP Code
Milwaukee	WI	53209-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 8/2/2017

If a Well Construction Report is available, please attach.

Construction Type: ☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
2	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	7

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

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	☐ No	[X] N/A
Casing left in place?	☐ Yes	☐ No	[X] N/A
Was casing cut off below surface?	☐ Yes	☐ No	[X] N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials: ☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.) ☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " " ☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only: [X] Bentonite Chips ☐ Bentonite - Cement Grout ☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

From (ft.)	To (ft.)	Pounds	
Medium Bentonite Chips	Surface	12	18	

6. Comments

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

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Eric Dahl (METCO)		8/2/2017

Street or Route	Telephone Number
709 Gillette Street, Suite 3	(608) 781-8879

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
La Crosse	WI	54603-		8/31/17

DNR Use Only

Date Received	Noted By

Comments:

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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☐ Verification Only of Fill and Seal

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE		

Latitude / Longitude (Degrees and Minutes) — Method Code (see instructions)

43 ° 5.6 ' N

87 ° 56.48 ' W

¼ / ¼	¼	Section	Township	Range	
SW	SW	6	7 N	22	[X] E ☐ W

or Gov't Lot #

Well Street Address: 2335 W Atkinson Avenue

Well City, Village or Town: Milwaukee — Well ZIP Code: 53209-

Subdivision Name — Lot #

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

2. Facility / Owner Information

Facility Name: Ellis Hand Car Wash

Facility ID (FID or PWS): 341070620

License/Permit/Monitoring #

Original Well Owner: Donald Miller

Present Well Owner: Donald Miller

Mailing Address of Present Owner: 2433 W. Roosevelt Drive

City of Present Owner: Milwaukee — State: WI — ZIP Code: 53209-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 8/2/2017

If a Well Construction Report is available, please attach.

Construction Type:

☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type:

[X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)? — Depth to Water (feet): 7

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

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	☐ No	[X] N/A
Casing left in place?	☐ Yes	☐ No	[X] N/A
Was casing cut off below surface?	☐ Yes	☐ No	[X] N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material

☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials

☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

[X] Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

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

6. Comments

Geoprobe Boring G-19
Abandoned by Geiss Soil & Samples, LLC under METCO supervision

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Eric Dahl (METCO)		8/2/2017

Street or Route: 709 Gillette Street, Suite 3 — Telephone Number: (608) 781-8879

City: La Crosse — State: WI — ZIP Code: 54603-

Signature of Person Doing Work — Date Signed: 8/31/17

DNR Use Only

Date Received — Noted By

Comments

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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☐ Verification Only of Fill and Seal

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE		

Lattitude / Longitude (Degrees and Minutes) | Method Code (see instructions)

43 ° 5.6 ' N

87 ° 56.48 ' W

¼ / ¼	¼	Section	Township	Range	
SW	SW	6	7 N	22	[X] E ☐ W

or Gov't Lot #

Well Street Address: 2335 W Atkinson Avenue

Well City, Village or Town	Well ZIP Code
Milwaukee	53209-

Subdivision Name	Lot #

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

2. Facility / Owner Information

Facility Name: Ellis Hand Car Wash

Facility ID (FID or PWS): 341070620

License/Permit/Monitoring #:

Original Well Owner: Donald Miller

Present Well Owner: Donald Miller

Mailing Address of Present Owner: 2433 W. Roosevelt Drive

City of Present Owner	State	ZIP Code
Milwaukee	WI	53209-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 8/2/2017

If a Well Construction Report is available, please attach.

Construction Type: ☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
4	

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
2	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)

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

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	☐ No	[X] N/A
Casing left in place?	☐ Yes	☐ No	[X] N/A
Was casing cut off below surface?	☐ Yes	☐ No	[X] N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material

☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials

☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

[X] Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	Pounds	
Medium Bentonite Chips	Surface	4	6	

6. Comments

Geoprobe Boring G-20
Abandoned by Geiss Soil & Samples, LLC under METCO supervision

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Eric Dahl (METCO)		8/2/2017

Street or Route: 709 Gillette Street, Suite 3

Telephone Number: (608) 781-8879

City	State	ZIP Code
La Crosse	WI	54603-

Signature of Person Doing Work

Date Signed: 8/31/17

DNR Use Only

Date Received	Noted By

Comments

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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☐ Verification Only of Fill and Seal

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE		

Latitude / Longitude (Degrees and Minutes) — Method Code (see instructions)

43 ° 5.6 ' N

87 ° 56.48 ' W

¼ / ¼	¼	Section	Township	Range	
SW	SW	6	7 N	22	[X] E ☐ W

or Gov't Lot #

Well Street Address: 2335 W Atkinson Avenue

Well City, Village or Town	Well ZIP Code
Milwaukee	53209-

Subdivision Name — Lot #

Reason For Removal From Service: Sampling Complete

WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: Ellis Hand Car Wash

Facility ID (FID or PWS): 341070620

License/Permit/Monitoring #:

Original Well Owner: Donald Miller

Present Well Owner: Donald Miller

Mailing Address of Present Owner: 2433 W. Roosevelt Drive

City of Present Owner	State	ZIP Code
Milwaukee	WI	53209-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
[X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 8/2/2017

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
[X] Other (specify): Geoprobe

Formation Type:
[X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	8

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

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	☐ No	[X] N/A
Casing left in place?	☐ Yes	☐ No	[X] N/A
Was casing cut off below surface?	☐ Yes	☐ No	[X] N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[X] Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	Pounds	
Medium Bentonite Chips	Surface	12	18	

6. Comments

Geoprobe Boring G-21
Abandoned by Geiss Soil & Samples, LLC under METCO supervision

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Eric Dahl (METCO)		8/2/2017

Street or Route	Telephone Number
709 Gillette Street, Suite 3	(608) 781-8879

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
La Crosse	WI	54603-		8/31/17

DNR Use Only

Date Received	Noted By

Comments:

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) Page 1 of 2

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

☐ Verification Only of Fill and Seal

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE		

Latitude / Longitude (Degrees and Minutes) — Method Code (see instructions)

43 ° 5.6 ' N

87 ° 56.48 ' W

¼ / ¼	¼	Section	Township	Range	
SW	SW	6	7 N	22	[X] E ☐ W

or Gov't Lot #

Well Street Address: 2335 W Atkinson Avenue

Well City, Village or Town: Milwaukee — Well ZIP Code: 53209-

Subdivision Name — Lot #

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

2. Facility / Owner Information

Facility Name: Ellis Hand Car Wash

Facility ID (FID or PWS): 341070620

License/Permit/Monitoring #

Original Well Owner: Donald Miller

Present Well Owner: Donald Miller

Mailing Address of Present Owner: 2433 W. Roosevelt Drive

City of Present Owner: Milwaukee — State: WI — ZIP Code: 53209-

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 8/2/2017

If a Well Construction Report is available, please attach.

Construction Type:

☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type:

[X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
	8

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

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	☐ No	[X] N/A
Casing left in place?	☐ Yes	☐ No	[X] N/A
Was casing cut off below surface?	☐ Yes	☐ No	[X] N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[X] Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material

☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials

☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

[X] Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	Pounds	
Medium Bentonite Chips	Surface	12	18	

6. Comments

Geoprobe Boring G-22
Abandoned by Geiss Soil & Samples, LLC under METCO supervision

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Eric Dahl (METCO)		8/2/2017

Street or Route: 709 Gillette Street, Suite 3 — Telephone Number: (608) 781-8879

City: La Crosse — State: WI — ZIP Code: 54603-

Signature of Person Doing Work — Date Signed: 8/31/17

DNR Use Only

Date Received — Noted By — Comments

APPENDIX D/ WASTE DISPOSAL DOCUMENTATION

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

INVOICE

5-21 20 18

CUSTOMER: MERC % New Hope Missionary Baptist Church of Milwaukee, Inc
709 Gillette ST % Donald Miller
La Crosse WI 54603 * Elks Hand Car Wash

☐ CASH ☐ CHECK # _____ ☒ IN-HOUSE ACCOUNT

QUANTITY DATE	QUANTITY SHIPPED	DESCRIPTION	QTY.	UNIT PRICE	AMOUNT
	1	Mobilization	1	287 70	287 70
	6	Haul soil dams to Approved Disposal - Eau Claire WI	6	108 15	648 90
		Thank You			
		Mark Lee			
				TOTAL	936 60

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

SIGNATURE _____

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APPENDIX E/ OTHER DOCUMENTATION

RCL Quick Reference Table

March 2017

Contaminant	Not-to-Exceed D-C RCL (mg/kg) Non-Industrial	Not-To-Exceed D-C RCL (mg/kg) Industrial	RCL-Low (mg/kg) DF=2
Benzene	1.6	7.07	0.0051
Ethylbenzene	, 8.02	, 35.4	, 1.57
Toluene	,818.	,818.	, 1.1072
Xylenes	,260.	,260.	, 3.96
Methyl tert-Butyl Ether (MTBE)	, 63.8	,282.	, 0.027
Dichloroethane, 1,2- (DCA)	, 0.652	, 2.87	, 0.0028
Dibromoethane, 1,2-	, 0.05	, 0.221	2.82E-05
Trichloroethylene (TCE)	1.3	8.41	0.0036
Tetrachloroethylene (PCE)	33	145	0.0045
Vinyl Chloride (VC)	0.067	2.08	0.0001
Dichloroethylene, 1,1- (DCE)	320	1,190	0.005
Dichloroethylene, 1,2-trans-	1,560.	1,850.	, 0.0626
Dichloroethylene, 1,2-cis-	,156.	2,340.	, 0.0412
Trichloroethane, 1,1,1-	,640.	,640.	, 0.1402
Carbon Tetrachloride	, 0.916	, 4.03	, 0.0039
Pentachlorophenol (PCP)	, 1.02	, 3.97	, 0.0028
Trimethylbenzene, 1,2,4-	,219.	,219.	, 1.382
Trimethylbenzene, 1,3,5-	,182.	,182.	
Naphthalene	5.52	24.1	0.6582
Benzo(a)pyrene	0.115	2.11	0.47
Acenaphthene	3,590.	45,200.	
Anthracene	17,900.	100,000.	,196.9492
Benz[a]anthracene	, 1.14	, 20.8	

Contaminant	Not-to-Exceed D-C RCL (mg/kg) Non-Industrial	Not-to-Exceed D-C RCL (mg/kg) Industrial	RCL-gw (mg/kg) DF=2	Background Threshold Value (BTV) (mg/kg)
Benzo(j)fluoranthene	, 0.424	, 1.76		
Benzo[b]fluoranthene	, 1.15	,21.1	, 0.4793	
Benzo[k]fluoranthene	, 11.5	,211.		
Chrysene	,115.	2,110.	, 0.1446	
Dibenz[a,h]anthracene	, 0.115	, 2.11		
Dibenzo(a,e)pyrene	, 0.042	, 0.176		
Dimethylbenz(a)anthracene, 7,12-	4.59E-04	, 0.008		
Fluoranthene	2,390.	30,100.	, 88.8778	
Fluorene	2,390.	30,100.	, 14.8299	
Indeno[1,2,3-cd]pyrene	, 1.15	, 21.1		
Methylnaphthalene, 1-	, 17.6	, 72.7		
Methylnaphthalene, 2-	,239.	3,010.		
Nitropyrene, 4-	, 0.424	, 1.76		
Pyrene	1,790.	22,600.	, 54.5455	
Arsenic, Inorganic	0.677	3	0.584	8.3
Barium	15,300.	100,000.	,164.8	364
Beryllium and compounds	,156.	2,300.	, 6.32	
Cadmium (Diet)	, 71.1	,985.	, 0.752	1
Chromium(VI)	, 0.301	, 6.36	, 3.84	
Chromium, Total			360,000 if no Cr-VI	44
Lead and Compounds	400	800	27	52
Mercury (elemental)	, 3.13	, 3.13	, 0.208	
Selenium	,391.	5,840.	, 0.52	

NOTES:

1) This table of the most common compounds is intended to be a quick reference ONLY. It does not take into account cumulative effects as required in NR 700.

2) Values in this table are taken from the RCL spreadsheet which is periodically updated. PLEASE be sure to reference the RCL spreadsheet for the most current values.

Site-specific

Resident Screening Levels (RSL) for Soil

ca=Cancer, nc=Noncancer, cat (Where nc SL < 100 x ca SL),
ca* = (Where nc SL < 10 x ca SL), max=SL exceeds ceiling limit (see User's Guide), sat=SL exceeds csat,
Smax=Soil SL exceeds ceiling limit and has been substituted with the max value (see User's Guide),
Ssat=Soil inhalation SL exceeds csat and has been substituted with the csat

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

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

History: Cr. Register, September, 1985, No. 357, eff. 10–1–85; cr. (1m), am. (7), (17) and (18), Register, October, 1988, No. 394, eff. 11–1–88; am. (6), cr. (20h) and (20m), Register, March, 1994, No. 459, eff. 4–1–94; cr. (1s), (10e), (10s), (20k), r. and recr. (12), (13), Register, August, 1995, No. 476, eff. 9–1–95; cr. (14m), Register, October, 1996, No. 490, eff. 11–1–96; am. (20), Register, December, 1998, No. 516, eff. 1–1–99; correction in (9) made under s. 13.93 (2m) (b) 7., Stats.,Register, April, 2001, No. 544; CR 02–134: cr. (1u), (1w), (1y) and (20s) Register June 2003 No. 570, eff. 7–1–03; correction in (20) made under s. 13.92 (4)(b) 6., Stats., Register January 2012 No. 673.

Subchapter II — Groundwater Quality Standards

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

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

Table 1
Public Health Groundwater Quality Standards

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

Table 1 – Continued
Public Health Groundwater Quality Standards

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

Table 1 – Continued
Public Health Groundwater Quality Standards

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

Table 1 – Continued
Public Health Groundwater Quality Standards

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

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

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

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

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

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

[6] Xylene includes meta–, ortho–, and para–xylene combined.

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

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

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

Table 2
Public Welfare Groundwater Quality Standards

Substance	Enforcement Standard (milligrams per liter – except as noted)	Preventive Action Limit (milligrams per liter – except as noted)
Chloride	250	125
Color	15 color units	7.5 color units
Foaming agents MBAS (Methylene–Blue Active Substances)	0.5	0.25
Iron	0.3	0.15
Manganese	0.05	0.025
Odor	3 (Threshold Odor No.)	1.5 (Threshold Odor No.)
Sulfate	250	125
Zinc	5	2.5

History: Cr. Register, September, 1985, No. 357, eff. 10–1–85; am. table 2, Register, October, 1990, No. 418, eff. 11–1–90; am. Table 2, Register, March, 1994, No. 459, eff. 4–1–94.

NR 140.14 Statistical procedures. (1) If a preventive action limit or an enforcement standard for a substance listed in Table 1 or 2, an alternative concentration limit issued in accordance with s. NR 140.28 or a preventive action limit for an indicator parameter established according to s. NR 140.20 (2) is attained or exceeded at a point of standards application:

(a) The owner or operator of the facility, practice or activity at which a standard is attained or exceeded shall notify the appropriate regulatory agency that a standard has been attained or exceeded; and

(b) The regulatory agency shall require a response in accordance with the rules promulgated under s. 160.21, Stats. No response shall be required if it is demonstrated to the satisfaction of the appropriate regulatory agency that a scientifically valid determination cannot be made that the preventive action limit or enforcement standard for a substance in Table 1 or 2 has been attained or exceeded based on consideration of sampling procedures or laboratory precision and accuracy, at a significance level of 0.05.

(2) The regulatory agency shall use one or more valid statistical procedures to determine if a change in the concentration of a substance has occurred. A significance level of 0.05 shall be used for all tests.

(3) In addition to sub. (2), the following applies when a preventive action limit or enforcement standard is equal to or less than the limit of quantitation:

(a) If a substance is not detected in a sample, the regulatory agency may not consider the preventive action limit or enforcement standard to have been attained or exceeded.

(b) If the preventive action limit or enforcement standard is less than the limit of detection, and the concentration of a substance is reported between the limit of detection and the limit of quantitation, the regulatory agency shall consider the preventive action limit or enforcement standard to be attained or exceeded only if:

1. The substance has been analytically confirmed to be present in the same sample using an equivalently sensitive analytical method or the same analytical method, and

2. The substance has been statistically confirmed to be present above the preventive action limit or enforcement standard, determined by an appropriate statistical test with sufficient samples at a significance level of 0.05.

(c) If the preventive action limit or enforcement standard is between the limit of detection and the limit of quantitation, the regulatory agency shall consider the preventive action limit or

A.7. Other
Flow Velocity Calculations
Ellis Hand Car Wash BRRTS: 03-41-402801

MW-1

	ft/s	ft/year	cm/s	m/yr
K	2.99E-07	9.44E+00	9.11E-06	2.8740
	sq ft/s	**sq cm/s**		
T	3.22E-06	2.99E-03		

MW-2

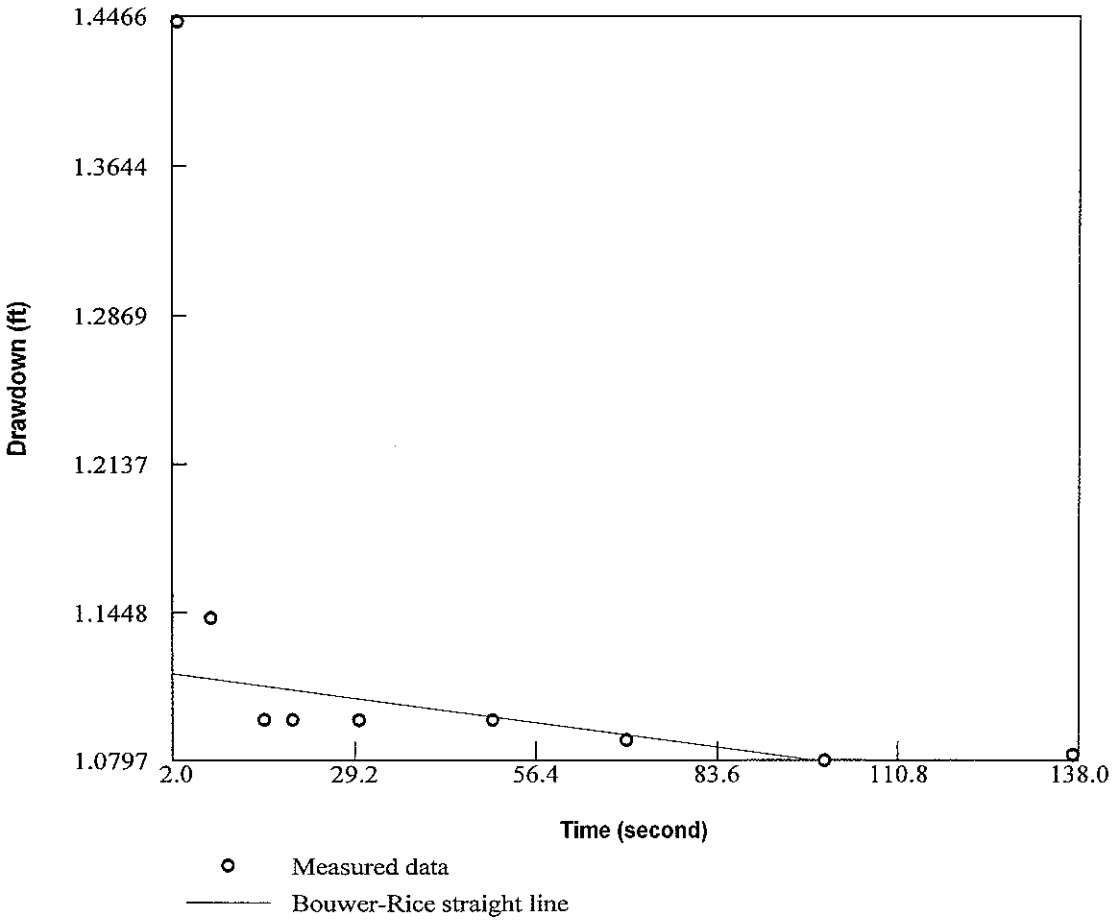
	ft/s	ft/year	cm/s	m/yr
K	1.45E-07	4.58E+00	4.42E-06	1.3938
	sq ft/s	**sq cm/s**		
T	1.40E-06	1.30E-03		

MW-5

	ft/s	ft/year	cm/s	m/yr
K	5.01E-07	1.58E+01	1.53E-05	4.8157
	sq ft/s	**sq cm/s**		
T	4.27E-06	3.97E-03		

Date	Elv. (High)	Elv. (Low)	Distance (ft)	Hyd Grad (I)
05/07/18	659.00	656.00	52	5.77E-02
07/31/18	659.00	657.00	47	4.26E-02
			Average	5.01E-02

	K (m/yr)	erageHyd Grad (	Porosity (n)	low Velocity(m/yr)
MW-1	2.8740	5.01E-02	0.3	0.4802
MW-2	1.3938	5.01E-02	0.3	0.2329
MW-5	4.8157	5.01E-02	0.3	0.8046
			Average	0.5059



Aquifer Parameters by the Bouwer and Rice Slug Test	
Hydraulic Conductivity (ft/s):	2.99e-007
Transmissivity (sq ft/s):	3.22e-006

MW-1 Slug Out

MW-1 Slug Out

==========

COMPANY : <Company name>
COMP.STATUS: Do
DATE : 07/05/2018
TIME : 11:36:49
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CREATED BY : Diver-Office 9.1.0.0
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Status =Started =0
Serial number =..00-R2271 215.
Instrument number = UTC-4
=0
Location =mw-1b
Sample period =S02
Sample method =T
Number of channels =2
[Channel 1]
Identification =PRESSURE
Reference level =13.12336 ft
Range =90.22310 ft
Master level =0 m
Altitude =0 ft
[Channel 2]
Identification =TEMPERATURE
Reference level =-4.000 °F
Range =180.000 °F

[Series settings]
Serial number =..00-R2271 215.
Instrument number = UTC-4
Location =mw-1b
Sample period =00 00:00:02 0
Sample method =T
Start date / time =25:31:11 07/05/18
End date / time =37:36:11 07/05/18
[Channel 1 from data header]
Identification =PRESSURE
Reference level =13.12336 ft
Range =90.22310 ft
Master level =0 m
Altitude =0 ft
[Channel 2 from data header]
Identification =TEMPERATURE
Reference level =-4.000 °F
Range =180.000 °F

Date/time	Pressure[ft	Temperature[°F]		Drawdown
11:31:25	44.54506	49.784		
11:31:27	44.54506	49.772		
11:31:29	44.54506	49.772		
11:31:31	44.53603	49.772		
11:31:33	44.53603	49.76		
11:31:35	44.53603	49.76		
11:31:37	44.53603	49.76		
11:31:39	44.53603	49.748		
11:31:41	44.53603	49.748		
11:31:43	44.53603	49.736		
11:31:45	44.51799	49.736		
11:31:47	44.53603	49.724		
11:31:49	43.84733	49.724	2	0
11:31:51	43.94357	49.712	4	-0.09624

11:31:53	43.70899	49.7	6	0.13834
11:31:55	43.45636	49.7	8	0.39097
11:31:57	43.38419	49.7	10	0.46314
11:31:59	43.39321	49.688	12	0.45412
11:32:01	43.40223	49.688	14	0.4451
11:32:03	43.41727	49.676	16	0.43006
11:32:05	43.42629	49.676	18	0.42104
11:32:07	43.42028	49.664	20	0.42705
11:32:09	43.42028	49.664	22	0.42705
11:32:11	43.42028	49.664	24	0.42705
11:32:13	43.42028	49.652	26	0.42705
11:32:15	43.42028	49.652	28	0.42705
11:32:17	43.42028	49.652	30	0.42705
11:32:19	43.4293	49.64	32	0.41803
11:32:21	43.42028	49.64	34	0.42705
11:32:23	43.42028	49.64	36	0.42705
11:32:25	43.42028	49.64	38	0.42705
11:32:27	43.42328	49.628	40	0.42405
11:32:29	43.43231	49.628	42	0.41502
11:32:31	43.42328	49.628	44	0.42405
11:32:33	43.42328	49.628	46	0.42405
11:32:35	43.42028	49.616	48	0.42705
11:32:37	43.42028	49.616	50	0.42705
11:32:39	43.4293	49.616	52	0.41803
11:32:41	43.42028	49.604	54	0.42705
11:32:43	43.42028	49.604	56	0.42705
11:32:45	43.4293	49.604	58	0.41803
11:32:47	43.42028	49.604	60	0.42705
11:32:49	43.4293	49.604	62	0.41803
11:32:51	43.42028	49.592	64	0.42705
11:32:53	43.4293	49.592	66	0.41803
11:32:55	43.42028	49.592	68	0.42705
11:32:57	43.4293	49.592	70	0.41803
11:32:59	43.4293	49.592	72	0.41803
11:33:01	43.4293	49.574	74	0.41803
11:33:03	43.4293	49.574	76	0.41803

11:33:05	43.4293	49.574	78	0.41803
11:33:07	43.4293	49.574	80	0.41803
11:33:09	43.4293	49.574	82	0.41803
11:33:11	43.4293	49.574	84	0.41803
11:33:13	43.4293	49.562	86	0.41803
11:33:15	43.4293	49.562	88	0.41803
11:33:17	43.4293	49.562	90	0.41803
11:33:19	43.4293	49.562	92	0.41803
11:33:21	43.4293	49.562	94	0.41803
11:33:23	43.4293	49.562	96	0.41803
11:33:25	43.4293	49.55	98	0.41803
11:33:27	43.4293	49.55	100	0.41803
11:33:29	43.4293	49.55	102	0.41803
11:33:31	43.4293	49.55	104	0.41803
11:33:33	43.4293	49.55	106	0.41803
11:33:35	43.43231	49.538	108	0.41502
11:33:37	43.43231	49.538	110	0.41502
11:33:39	43.4293	49.55	112	0.41803
11:33:41	43.43231	49.538	114	0.41502
11:33:43	43.43231	49.538	116	0.41502
11:33:45	43.43231	49.538	118	0.41502
11:33:47	43.43231	49.538	120	0.41502
11:33:49	43.43231	49.538	122	0.41502
11:33:51	43.4293	49.526	124	0.41803
11:33:53	43.4293	49.526	126	0.41803
11:33:55	43.4293	49.526	128	0.41803
11:33:57	43.4293	49.526	130	0.41803
11:33:59	43.4293	49.526	132	0.41803
11:34:01	43.4293	49.526	134	0.41803
11:34:03	43.43832	49.526	136	0.40901
11:34:05	43.43832	49.526	138	0.40901
11:34:07	43.43832	49.526	140	0.40901
11:34:09	43.43832	49.514	142	0.40901
11:34:11	43.43832	49.526	144	0.40901
11:34:13	43.43832	49.514	146	0.40901
11:34:15	43.43832	49.514	148	0.40901
11:34:17	43.43832	49.514	150	0.40901
11:34:19	43.43832	49.514	152	0.40901
11:34:21	43.43832	49.514	154	0.40901
11:34:23	43.43832	49.514	156	0.40901
11:34:25	43.43832	49.514	158	0.40901
11:34:27	43.43832	49.514	160	0.40901
11:34:29	43.43832	49.514	162	0.40901
11:34:31	43.43832	49.502	164	0.40901
11:34:33	43.43832	49.502	166	0.40901
11:34:35	43.43832	49.502	168	0.40901
11:34:37	43.43832	49.502	170	0.40901
11:34:39	43.43832	49.502	172	0.40901
11:34:41	43.43832	49.502	174	0.40901
11:34:43	43.43832	49.502	176	0.40901
11:34:45	43.43832	49.502	178	0.40901
11:34:47	43.43832	49.502	180	0.40901
11:34:49	43.43832	49.502	182	0.40901
11:34:51	43.43832	49.49	184	0.40901
11:34:53	43.43832	49.49	186	0.40901
11:34:55	43.43832	49.49	188	0.40901
11:34:57	43.43832	49.49	190	0.40901
11:34:59	43.43832	49.49	192	0.40901
11:35:01	43.43832	49.49	194	0.40901
11:35:03	43.43832	49.49	196	0.40901
11:35:05	43.43832	49.49	198	0.40901
11:35:07	43.43832	49.49	200	0.40901
11:35:09	43.43832	49.49	202	0.40901
11:35:11	43.43832	49.49	204	0.40901
11:35:13	43.44734	49.478	206	0.39999
11:35:15	43.44734	49.478	208	0.39999

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11:35:23	43.44734	49.478	216	0.39999
11:35:25	43.44734	49.478	218	0.39999
11:35:27	43.44734	49.478	220	0.39999
11:35:29	43.44734	49.478	222	0.39999
11:35:31	43.44734	49.478	224	0.39999
11:35:33	43.44734	49.478	226	0.39999
11:35:35	43.45636	49.478	228	0.39097
11:35:37	43.44734	49.478	230	0.39999
11:35:39	43.44734	49.478	232	0.39999
11:35:41	43.44734	49.478	234	0.39999
11:35:43	43.44734	49.478	236	0.39999
11:35:45	43.43832	49.466	238	0.40901
11:35:47	43.43832	49.466	240	0.40901
11:35:49	43.43832	49.466	242	0.40901
11:35:51	43.43832	49.466	244	0.40901
11:35:53	43.43832	49.466	246	0.40901
11:35:55	43.43832	49.466	248	0.40901
11:35:57	43.43832	49.466	250	0.40901
11:35:59	43.43832	49.466	252	0.40901
11:36:01	43.43832	49.466	254	0.40901
11:36:03	43.43832	49.454	256	0.40901
11:36:05	43.43832	49.454	258	0.40901
11:36:07	43.43832	49.454	260	0.40901
11:36:09	43.43832	49.454	262	0.40901
11:36:11	43.44734	49.454	264	0.39999
11:36:13	43.44734	49.454	266	0.39999
11:36:15	43.43832	49.454	268	0.40901
11:36:17	43.43832	49.454	270	0.40901
11:36:19	43.43832	49.454	272	0.40901
11:36:21	43.44734	49.454	274	0.39999
11:36:23	43.43832	49.454	276	0.40901
11:36:25	43.44734	49.454	278	0.39999
11:36:27	43.43832	49.454	280	0.40901
11:36:29	43.43832	49.454	282	0.40901
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11:36:35	43.43832	49.454	288	0.40901
11:36:37	43.44734	49.454	290	0.39999

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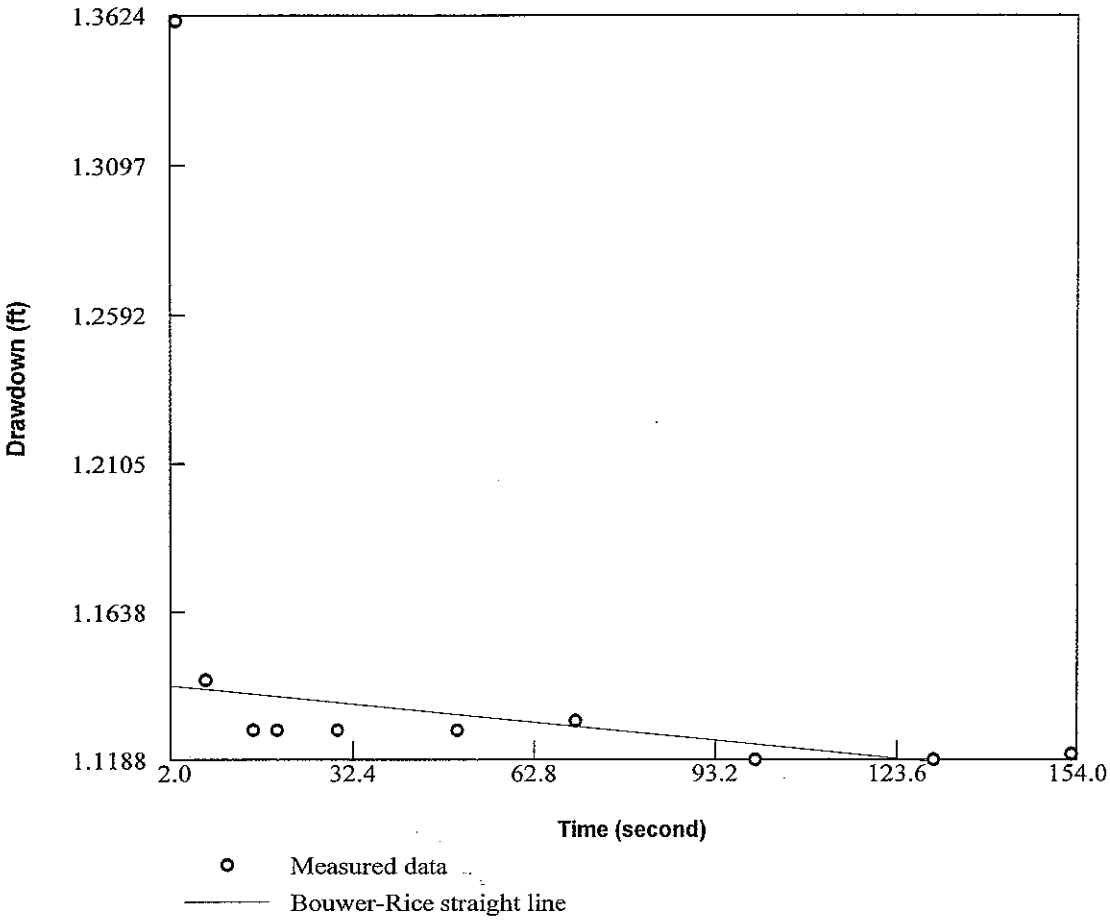

Aquifer Parameters by the Bouwer and Rice Slug Test	
Hydraulic Conductivity (ft/s):	1.45e-007
Transmissivity (sq ft/s):	1.40e-006

MW-2 Slug In

MW-2 Slug In

==========

COMPANY : <Company name>
COMP.STATUS: Do
DATE : 07/05/2018
TIME : 11:14:19
FILENAME : C:\Documents and Settings\Administrator\Application Data\DiverOffice\Ellis Hand Car Wash\
CREATED BY : Diver-Office 9.1.0.0

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

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Instrument number = UTC-4
=0
Location =mw-2c
Sample period =S02
Sample method =T
Number of channels =2
[Channel 1]
Identification =PRESSURE
Reference level =13.12336 ft
Range =90.22310 ft
Master level =0 m
Altitude =0 ft
[Channel 2]
Identification =TEMPERATURE
Reference level =-4.000 °F
Range =180.000 °F

[Series settings]
Serial number =..00-R2271 215.
Instrument number = UTC-4
Location =mw-2c
Sample period =00 00:00:02 0
Sample method =T
Start date / time =14:11:11 07/05/18
End date / time =08:14:11 07/05/18
[Channel 1 from data header]
Identification =PRESSURE
Reference level =13.12336 ft
Range =90.22310 ft
Master level =0 m
Altitude =0 ft
[Channel 2 from data header]
Identification =TEMPERATURE

Reference level =-4.000 °F
Range =180.000 °F

Date/time	Pressure[ft	Temperature[°F]		Drawdown
11:11:00	43.15562	49.676		0
11:11:00	43.15562	49.676		0
11:11:00	43.14961	49.688		0.00601
11:11:00	43.14058	49.688		0.01504
11:11:00	43.14961	49.688		0.00601
11:11:00	43.14058	49.688		0.01504
11:11:00	43.14058	49.688		0.01504
11:11:00	43.14058	49.688		0.01504
11:11:00	43.14961	49.688		0.00601
11:11:00	43.15863	49.688		-0.00301
11:11:00	43.15863	49.688		-0.00301
11:11:00	44.51799	49.676	2	-1.36237
11:11:00	44.24732	49.676	4	-1.0917
11:11:00	44.36762	49.676	6	-1.212
11:11:00	44.29845	49.676	8	-1.14283
11:11:00	44.2804	49.676	10	-1.12478
11:11:00	44.29243	49.664	12	-1.13681
11:11:00	44.29243	49.664	14	-1.13681
11:11:00	44.28341	49.664	16	-1.12779
11:11:00	44.28341	49.664	18	-1.12779
11:11:00	44.28341	49.664	20	-1.12779
11:11:00	44.28341	49.664	22	-1.12779
11:11:00	44.28341	49.664	24	-1.12779
11:12:00	44.28341	49.664	26	-1.12779
11:12:00	44.28341	49.652	28	-1.12779
11:12:00	44.28341	49.652	30	-1.12779
11:12:00	44.28341	49.652	32	-1.12779
11:12:00	44.28341	49.652	34	-1.12779
11:12:00	44.28341	49.652	36	-1.12779
11:12:00	44.28341	49.652	38	-1.12779
11:12:00	44.28341	49.652	40	-1.12779
11:12:00	44.28341	49.652	42	-1.12779
11:12:00	44.28341	49.652	44	-1.12779
11:12:00	44.28341	49.64	46	-1.12779
11:12:00	44.28341	49.64	48	-1.12779
11:12:00	44.28341	49.64	50	-1.12779
11:12:00	44.28341	49.64	52	-1.12779
11:12:00	44.27439	49.64	54	-1.11877
11:12:00	44.27439	49.64	56	-1.11877
11:12:00	44.27439	49.64	58	-1.11877
11:12:00	44.28341	49.64	60	-1.12779
11:12:00	44.28341	49.64	62	-1.12779

11:12:00	44.28642	49.628	64	-1.1308
11:12:00	44.28642	49.628	66	-1.1308
11:12:00	44.28642	49.628	68	-1.1308
11:12:00	44.28642	49.628	70	-1.1308
11:12:00	44.28642	49.628	72	-1.1308
11:12:00	44.28642	49.628	74	-1.1308
11:12:00	44.28341	49.616	76	-1.12779
11:12:00	44.28341	49.616	78	-1.12779
11:12:00	44.27439	49.616	80	-1.11877
11:12:00	44.27439	49.616	82	-1.11877
11:12:00	44.27439	49.616	84	-1.11877
11:13:00	44.27439	49.616	86	-1.11877
11:13:00	44.28341	49.616	88	-1.12779
11:13:00	44.27439	49.616	90	-1.11877
11:13:00	44.27439	49.616	92	-1.11877
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11:13:00	44.27439	49.604	114	-1.11877
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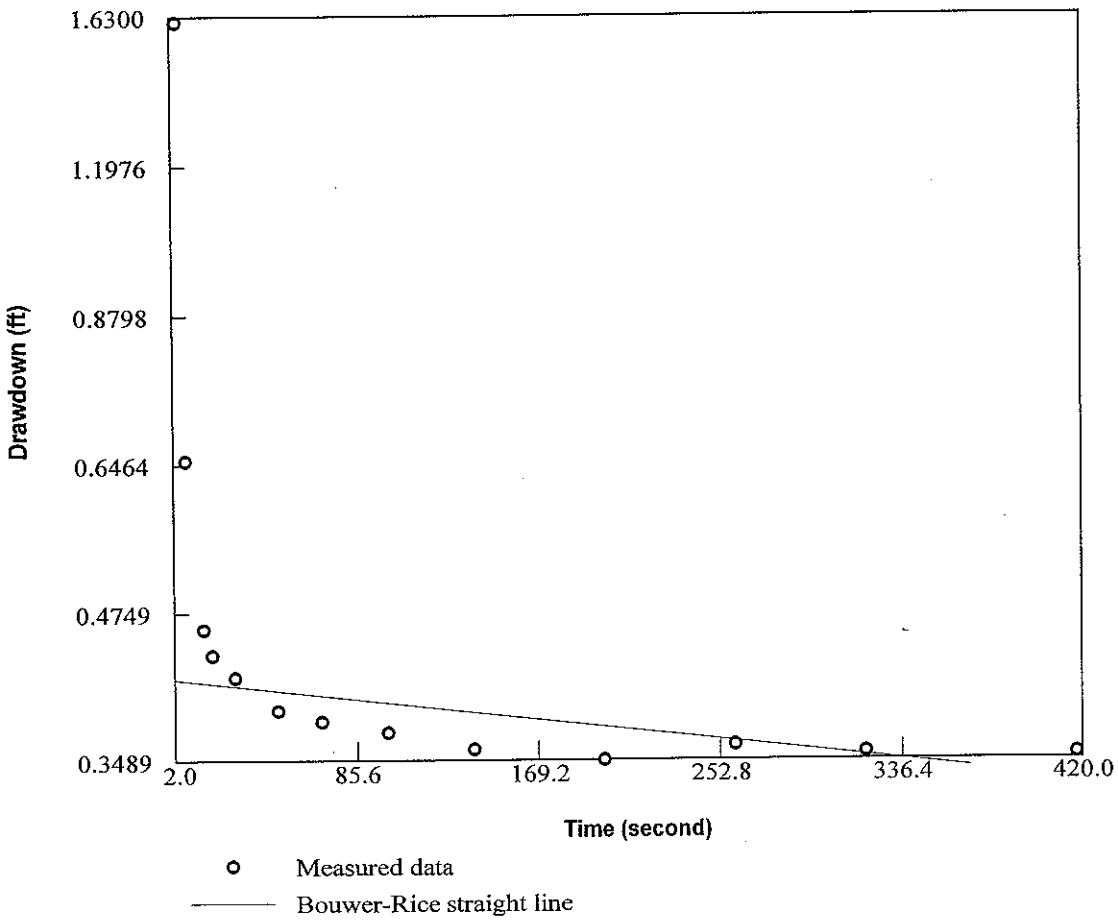
END OF DATA FILE OF DATALOGGER FOR WINDOWS



Aquifer Parameters by the Bouwer and Rice Slug Test	
Hydraulic Conductivity (ft/s):	5.01e-007
Transmissivity (sq ft/s):	4.27e-006

MW-5 Slug Out

MW-5 Slug Out

==========

COMPANY : <Company name>
COMP.STATUS: Do
DATE : 07/05/2018
TIME : 10:53:56
FILENAME : C:\Documents and Settings\Administrator\Application Data\DiverOffice\Ellis Hand Car Wash\CS
CREATED BY : Diver-Office 9.1.0.0
========== BEGINNING OF DATA ==========
[Logger settings]
Instrument type =Micro-Diver=15
Status =Started =0
Serial number =..00-R2271 215.
Instrument number = UTC-4
=0
Location =mw-5d
Sample period =S02
Sample method =T
Number of channels =2
[Channel 1]
Identification =PRESSURE
Reference level =13.12336 ft
Range =90.22310 ft
Master level =0 m
Altitude =0 ft
[Channel 2]
Identification =TEMPERATURE
Reference level =-4.000 °F
Range =180.000 °F

[Series settings]
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Instrument number = UTC-4
Location =mw-5d
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Sample method =T
Start date / time =23:46:10 07/05/18
End date / time =43:53:10 07/05/18
[Channel 1 from data header]
Identification =PRESSURE
Reference level =13.12336 ft
Range =90.22310 ft
Master level =0 m
Altitude =0 ft
[Channel 2 from data header]
Identification =TEMPERATURE

Reference level =-4.000 °F
Range =180.000 °F

Date/time	Pressure[ft	Temperature[°F]		Drawdown
10:46:00	42.52105	48.65		0
10:46:00	42.53007	48.65		-0.00902
10:46:00	42.53007	48.65		-0.00902
10:46:00	42.52105	48.65		0
10:46:00	42.53308	48.662		-0.01203
10:46:00	42.52105	48.65		0
10:46:00	42.53007	48.65		-0.00902
10:46:00	42.53007	48.65		-0.00902
10:46:00	42.53007	48.65		-0.00902
10:46:00	42.53007	48.65		-0.00902
10:46:00	41.3692	48.65		1.15185
10:46:00	40.89102	48.65	2	1.63003
10:46:00	41.65792	48.638	4	0.86313
10:46:00	41.69401	48.638	6	0.82704
10:46:00	41.86844	48.638	8	0.65261
10:46:00	41.94663	48.638	10	0.57442
10:46:00	41.99776	48.638	12	0.52329
10:46:00	42.03385	48.626	14	0.4872
10:46:00	42.06091	48.626	16	0.46014
10:47:00	42.06693	48.626	18	0.45412
10:47:00	42.08497	48.626	20	0.43608
10:47:00	42.08497	48.626	22	0.43608
10:47:00	42.094	48.626	24	0.42705
10:47:00	42.10302	48.626	26	0.41803
10:47:00	42.097	48.614	28	0.42405
10:47:00	42.10603	48.614	30	0.41502
10:47:00	42.10603	48.614	32	0.41502
10:47:00	42.11505	48.614	34	0.406
10:47:00	42.11505	48.614	36	0.406
10:47:00	42.12407	48.614	38	0.39698
10:47:00	42.12407	48.614	40	0.39698
10:47:00	42.12407	48.614	42	0.39698
10:47:00	42.12407	48.614	44	0.39698
10:47:00	42.12407	48.614	46	0.39698
10:47:00	42.13309	48.614	48	0.38796
10:47:00	42.13309	48.614	50	0.38796
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10:47:00	42.13309	48.614	54	0.38796
10:47:00	42.13309	48.614	56	0.38796
10:47:00	42.14212	48.614	58	0.37893
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10:47:00	42.14212	48.614	64	0.37893
10:47:00	42.13309	48.614	66	0.38796
10:47:00	42.14212	48.614	68	0.37893
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10:48:00	42.14212	48.602	80	0.37893
10:48:00	42.14212	48.614	82	0.37893
10:48:00	42.15114	48.614	84	0.36991
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10:49:00	42.17219	48.638	188	0.34886
10:49:00	42.17219	48.638	190	0.34886
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10:49:00	42.17219	48.638	196	0.34886
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END OF DATA FILE OF DATALOGGER FOR WINDOWS

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 to conduct PECFA-funded LUST projects
- Certified tank closure site assessor (#41861) in Wisconsin
- Member of the Wisconsin Groundwater Association
- Member of the Minnesota Groundwater Association
- Member of the Federation of Environmental Technologist, Inc.

Education

Includes a BA in Earth Science from the University of Minnesota-Duluth. Applicable courses successfully completed include Hydrogeology, Applied Hydrogeology, Environmental Geology, Geological Field Methods, Geology Field Camp, Geomorphology, Structural Geology, Stratigraphy/Tectonics, Mineralogy/Petrology, Glacial/Quaternary Geology, Geology of North America, Oceanography, General Chemistry, Organic Chemistry, and Environmental Conservation.

Post-Graduate Education

Includes Personnel Protection and Safety, Conducting Comprehensive Environmental Property Assessments, Groundwater Flow and Well Hydraulics, Effective Techniques for Contaminated Groundwater Treatment, and numerous other continuing education classes and conferences.

Work Experience

Includes nine months with the Wisconsin Department of Natural Resources Leaking Underground Storage Tank Program regulating LUST sites and since June 1990, with METCO as a Hydrogeologist and Project Manager. Duties have included: managing, conducting, and reporting tank closure assessments; property assessment, LUST investigations; spill investigations; agricultural chemical investigations, dry cleaning chemical investigations, general geotechnical/environmental investigations; Geoprobe projects (soil, groundwater, soil gas sampling); drilling projects (soil boring and monitoring wells); and remedial projects. Since 1989, METCO has sampled/consulted over 1,465 environmental sites.

Jason T. Powell

Professional Title

- Staff Scientist

Credentials

- Recognized by the State of Wisconsin Department of Natural Resources (Chapter NR712) as a qualified Scientist.

Education

Includes a BS in Groundwater Management from the University of Wisconsin- Stevens Point. Applicable courses successfully completed include Hydrogeology, Applied Hydrogeology, Environmental Geology, Hydrogeology-Groundwater Flow Modeling, Groundwater Management, Structural Geology, Mineralogy, Glacial Geology, Soils, Soil Physics, Hydrology, Geochemistry, Water Chemistry, Organic Chemistry, General Chemistry, Environmental Issues.

Post-Graduate Education

40-hour OSHA Hazardous Materials Safety Training course with 8-hour refresher course.

Work Experience

With METCO since May 1992 as a Geoprobe Assistant and Geoprobe Operator. In June 1995 to July 1996 as a Environmental Technician. In July 1996 as a Staff Scientist. Duties have included: LUST investigations; general geotechnical/environmental investigations; Geoprobe projects (soil, groundwater sampling); drilling projects (soil boring and monitoring wells); remedial projects (sampling, pilot tests, system operation/maintenance) and project management.

Eric J. Dahl

Professional Title

- Hydrogeologist

Credentials

- Recognized by the State of Wisconsin Department of Natural Resources (Chapter NR712) as a qualified Hydrogeologist.
- Registered through the Wisconsin Department of Safety and Professional Services as a PECFA consultant (#823519).

Education

Includes B.S. in Geology from the University of Wisconsin-Eau Claire. Applicable courses successfully completed include Environmental Geology, Physical Hydrogeology, Chemical Hydrogeology, Computer Modeling in Hydrogeology, Aqueous Geochemistry, Field Geology I and II, Mineralogy and Petrology I and II, Sedimentology and Stratigraphy, Petroleum and Economic Geology, Earth Resources, Earth History, and Structural Geology.

Post-Graduate Education

40-hour OSHA Hazardous Materials Safety Training course with 8-hour refresher course.

Work Experience

With METCO since November 1999 as a Hydrogeologist. Duties have included: Site Investigations, Phase I and Phase II Environmental Site Assessments, Case Closure Requests/GIS Registry, Geoprobe projects (oversight, direction, and sampling), drilling projects/monitoring well installation (oversight, direction, and sampling), soil excavation projects (oversight, direction, and sampling), Geoprobe operation, and operation and maintenance of remedial systems.

Thomas P. Pignet, P.E.

Professional Titles

- Chemical Engineer
- Industrial Engineer

Credentials

- Licensed Professional Engineer in Wisconsin

Education

Undergraduate: B.S. in Chemical Engineering from the University of Wisconsin. Applicable courses include the standard chemistry curriculum - basic, physical, organic, etc. - plus engineering transport phenomena, chemical unit operations (e.g. separations), fluid mechanics, etc.

Post-Graduate Education

Ph.D. in Chemical Engineering from the University of Minnesota - with applicable special training in absorption & catalysis; M.S. in Industrial Engineering from the University of Wisconsin - Milwaukee - with special emphasis on statistical techniques and data analysis. Applicable further training: continuing education, semester-length courses in [1] Understanding Environmental & Safety Regulation; [2] Hazardous & Toxic Waste Management; plus a number of 1-2 day workshops - Fire & Explosion Safety; Small Quantity Generations of Hazardous Waste.

Work Experience

Includes ten years as a research chemical engineer with a large chemical manufacturer; one year as process development engineer and demonstration-scale test analyst on a unique coal gasification project; ten years in association with UW-M, teaching and consulting to industry on energy efficiency, waste minimization and productivity improvement. One year working with a small engineering consulting firm on energy, environmental, and process improvement projects, including LUST Investigations and Remediations. With METCO since February 2000. Duties include Remedial Action Plan preparation, pilot test design and performance, remedial systems design and implementation, and general management of METCO's remedial projects.

Site Investigation Report - METCO
Ellis Hand Car Wash

Tyler Woodke

Professional Title

- Staff Scientist

Credentials

- Registered through the Wisconsin Department of Safety and Professional Services as a PECFA consultant (#396413).

Education

Includes B.S. in Geography with an Environmental Studies minor from the University of Wisconsin-La Crosse. Applicable courses successfully completed include: Introduction to Biology, Introduction to Environmental Studies, Earth Environments, Conservation of Global Environments, Introduction to GIS, History of Environmental Policies in the U.S., Interpretation of Aerial Photographs, Fundamentals of Cartography, Environmental Hazards/Land Use, Remote Sensing, Water Resources, Environmental Sustainability, and Environmental Ethics, Outdoor Recreation and Natural Resources.

Work Experience

With METCO since February, 2018 as Staff Scientist. Duties include: soil and groundwater sampling, operation and maintenance of remedial systems, Geoprobe projects (oversight, direction, and sampling), site mapping, data reduction and analysis, and reporting.

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Kaylin D. Felix

Professional Title

- Hydrogeologist

Credentials

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

Education

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

Work Experience

With METCO since April, 2018 as Hydrogeologist. Duties include: soil and groundwater sampling, operation and maintenance of remedial systems, Geoprobe projects (oversight, direction, and sampling), site mapping, data reduction and analysis, and reporting.

Maxwell Wannow

Professional Title

- Hydrogeologist

Credentials

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

Education

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

Work Experience

With METCO since June, 2018 as Hydrogeologist. Duties include: soil and groundwater sampling, operation and maintenance of remedial systems, Geoprobe projects (oversight, direction, and sampling), site mapping, data reduction and analysis, and reporting.

APPENDIX G/ STANDARD OF CARE

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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

10/23/18
Date

"I Ronald J. Anderson, hereby certify that I am a hydrogeologist as that term is defined in s.NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."

Ronald J. Anderson PG
Senior Hydrogeologist/Project Manager

10/23/18
Date