## **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



This document was prepared by:

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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

Tu T. Powell

#### **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 eastnortheast. 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.

#### **TABLE OF CONTENTS**

### **Table of Contents**

1.0 INTRODUCTION AND BACKGROUND	1
2.0 GEOLOGY AND RECEPTORS	3
3.0 SITE INVESTIGATION RESULTS, RISK CRITERIA	4
4.0 CONCLUSIONS	9
5.0 REFERENCES	10
6.0 FIGURES	11
7.0 DATA TABLES, GRAPHS, AND STATISTICAL ANALYSIS	12
8.0 SITE PHOTOGRAPHS	13
APPENDIX A/ METHODS OF INVESTIGATION	14
APPENDIX B/ ANALYTICAL METHODS & LABORATORY DATA REPORTS	15
APPENDIX C/ WELL AND BOREHOLE DOCUMENTATION	16
APPENDIX D/ WASTE DISPOSAL DOCUMENTATION	17
APPENDIX E/ OTHER DOCUMENTATION	18
APPENDIX F/ QUALIFICATIONS OF METCO PERSONNEL	19
APPENDIX G/ STANDARD OF CARE	20

## 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 548<sup>th</sup> 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<sup>2</sup>/sec Flow Velocity (V=KI/n) = 0.4802 m/yr

#### Monitoring Well MW-2

Hydraulic Conductivity (K) = 4.42E-06 cm/sec Transmissivity = 1.30E-03 cm<sup>2</sup>/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<sup>2</sup>/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.

## Site Investigation Report - METCO Ellis Hand Car Wash 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.

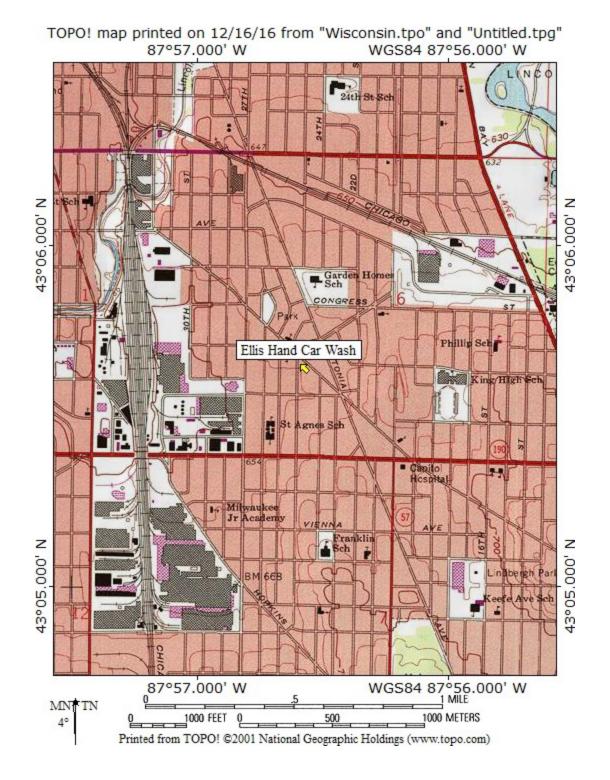
Skinner, Earl L. & Borman, Ronald G., 1973, Water Resources of Wisconsin – Lake Michigan Basin, Hydrologic Investigations, Atlas HA-432, U.S. Geological Survey, Washington D.C.

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

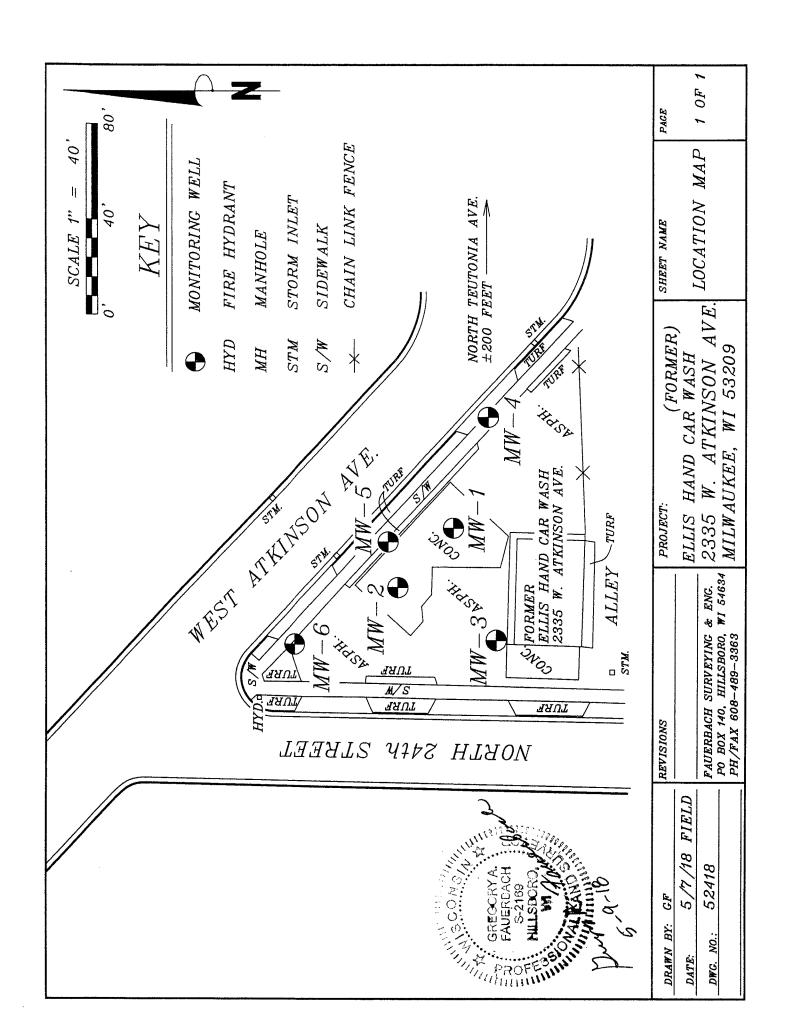
Weston, R.F., 1987, Remedial Technologies for Leaking Underground Storage Tanks.

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.

Site Investigation Report - METCO Ellis Hand Car Wash 6.0 FIGURES

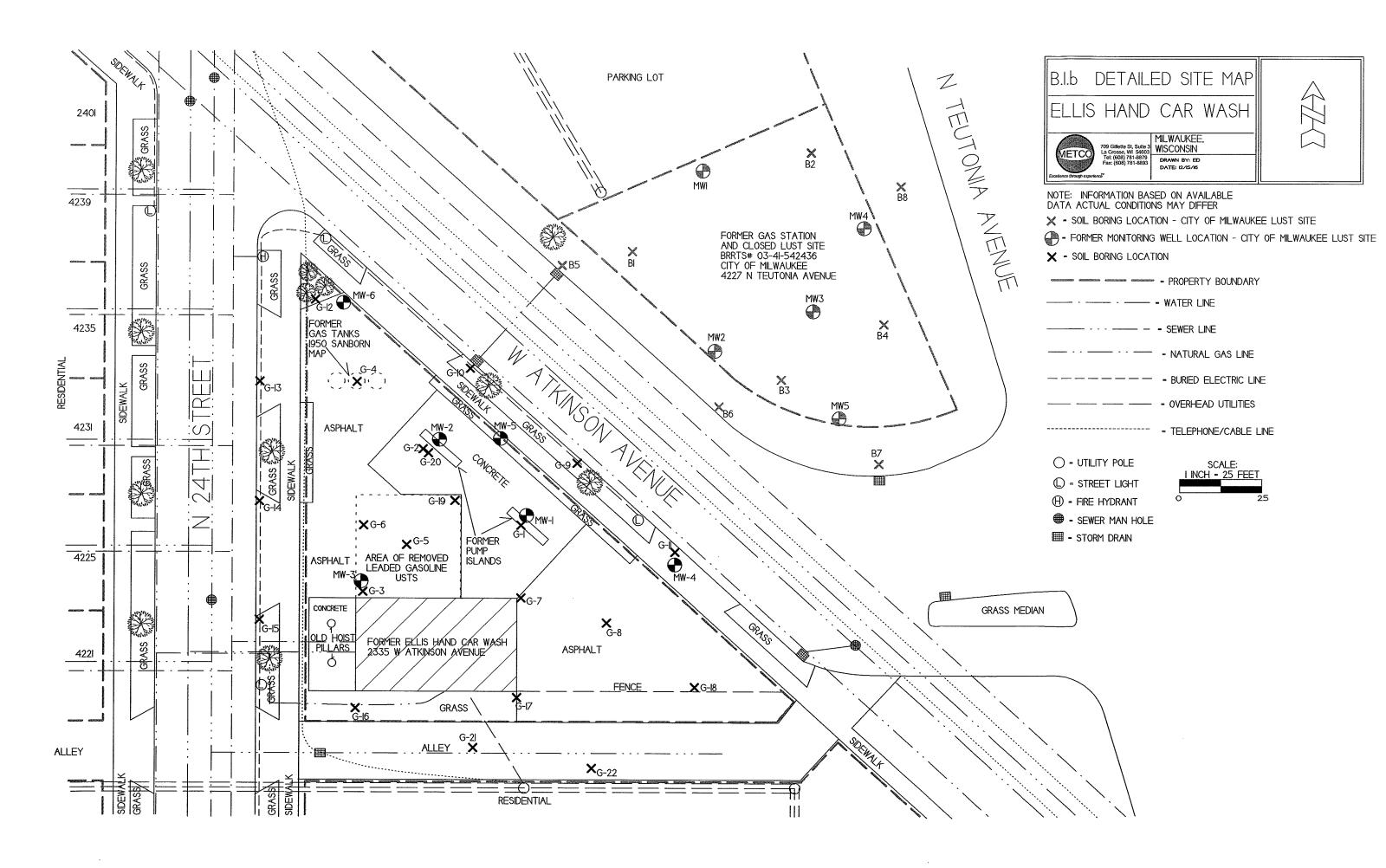


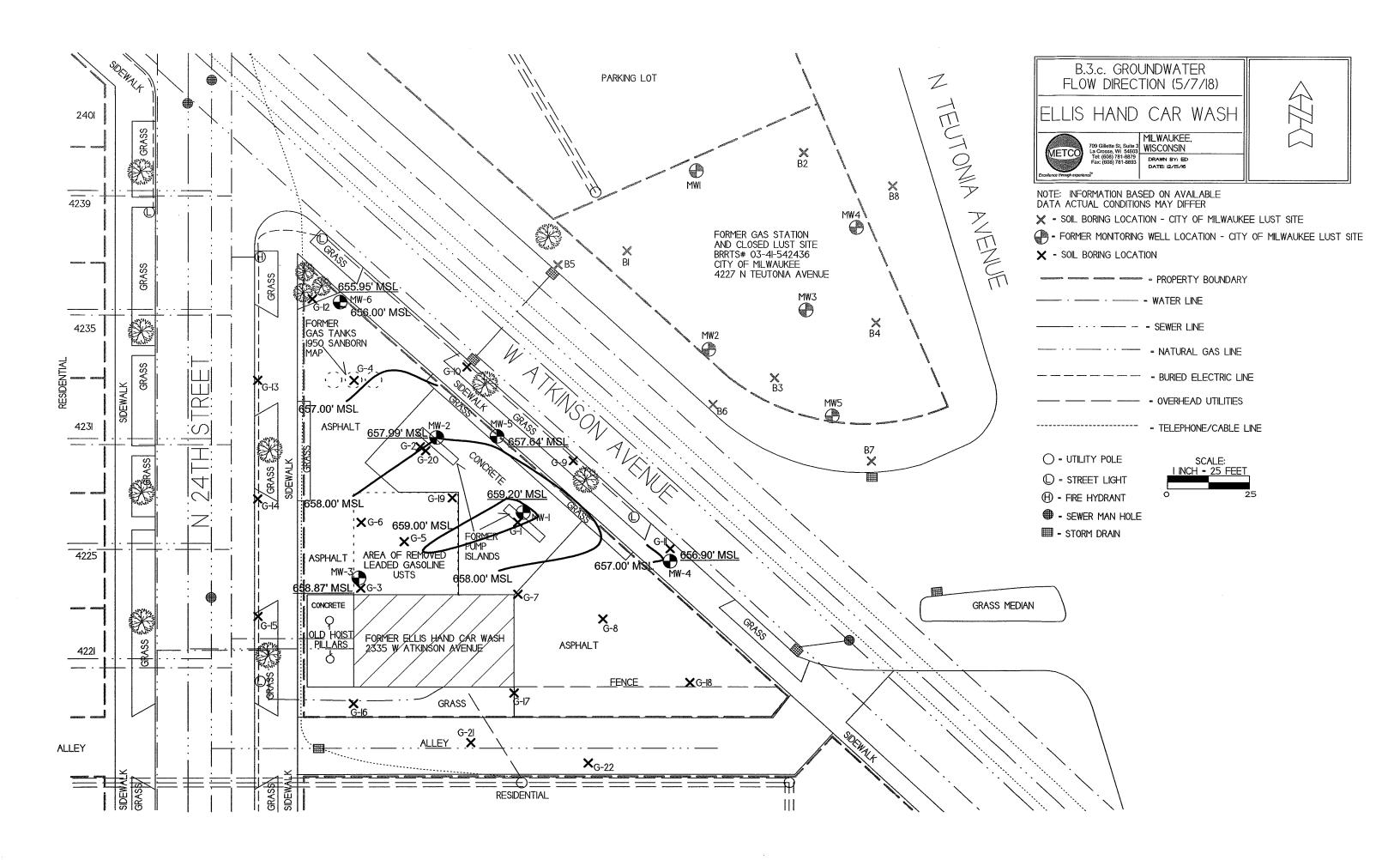
# B.1.a LOCATION MAP CONTOUR INTERVAL 10 FEET ELLIS HAND CAR WASH – MILWAUKEE, WI SEAMLESS USGS TOPOGRAPHIC MAPS ON CD-ROM

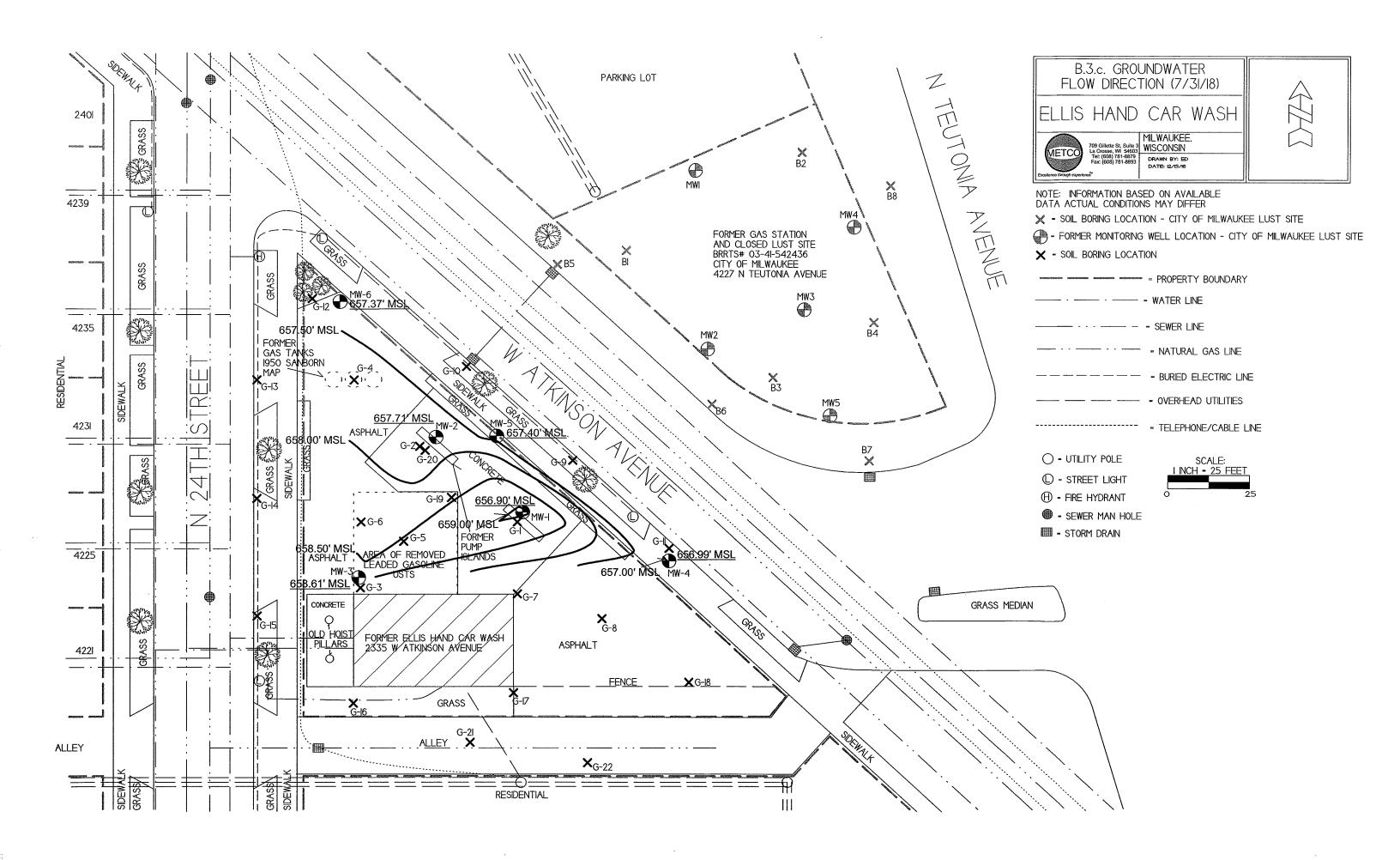


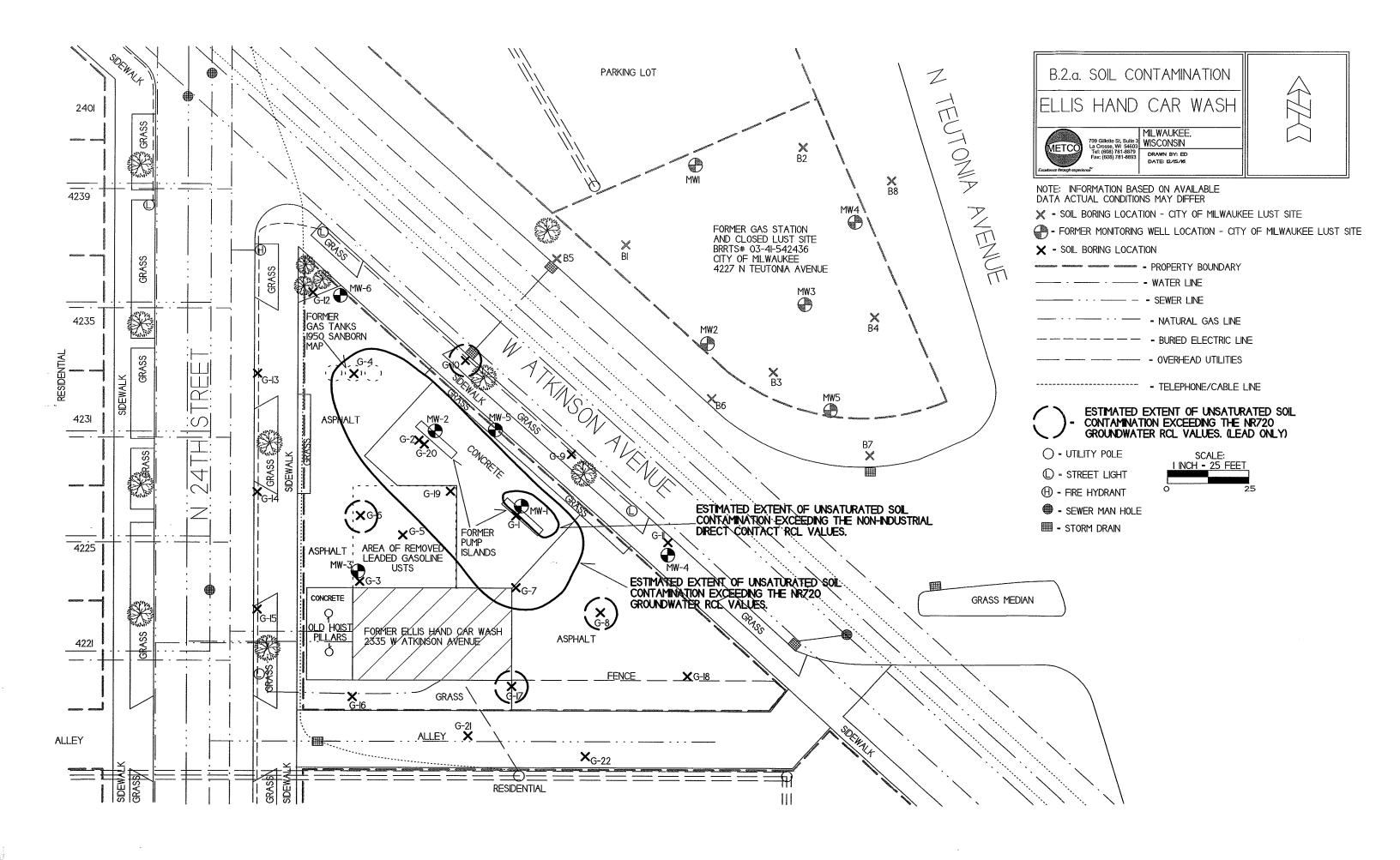
							PAGE CHACE
TOP OF PVC CASING ELEVATION (NAVD 88)	662.44'	662.35'	662.06′	662.47'	662.83'	662.40'	GREGORY A  GREGORY A  S-2169  S-2169  HILSBORO  CLESSES  SHEET NAME  DATA SHEET 10
TOP OF ELEV (NAV	9	9	9	9	9	9	(FORMER) R WASH NSON AVE. I 53209
TOP OF WELL ELEVATION (NAVD 88)	662.87'	662.83'	662.43'	662.76'	663.12'	662.78'	PROJECT: (FORMER) ELLIS HAND CAR WASH 2335 W. ATKINSON AVE. MILWAUKEE, WI 53209
MILWAUKEE CO. WISCRS COORD. SYSTEM NADB3(2011) ?TH EAST	597409.52	597384.34	597362.41	597456.31	597403.67	597360.75	& ENG.
MILW WISCRS NADE NORTH	319511.91	319535.23	319494.08	319497.39	319539.29	319578.71	REVISIONS  FAUERBACH SURVEYING PO BOX 140, HILLSBORO, PH/FAX 608-489-3363
WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	3r. GF 5/7/18 FIELD 5. 52418
				The state of the s		1	DRAWN BY: DATE: DWG. NO.:

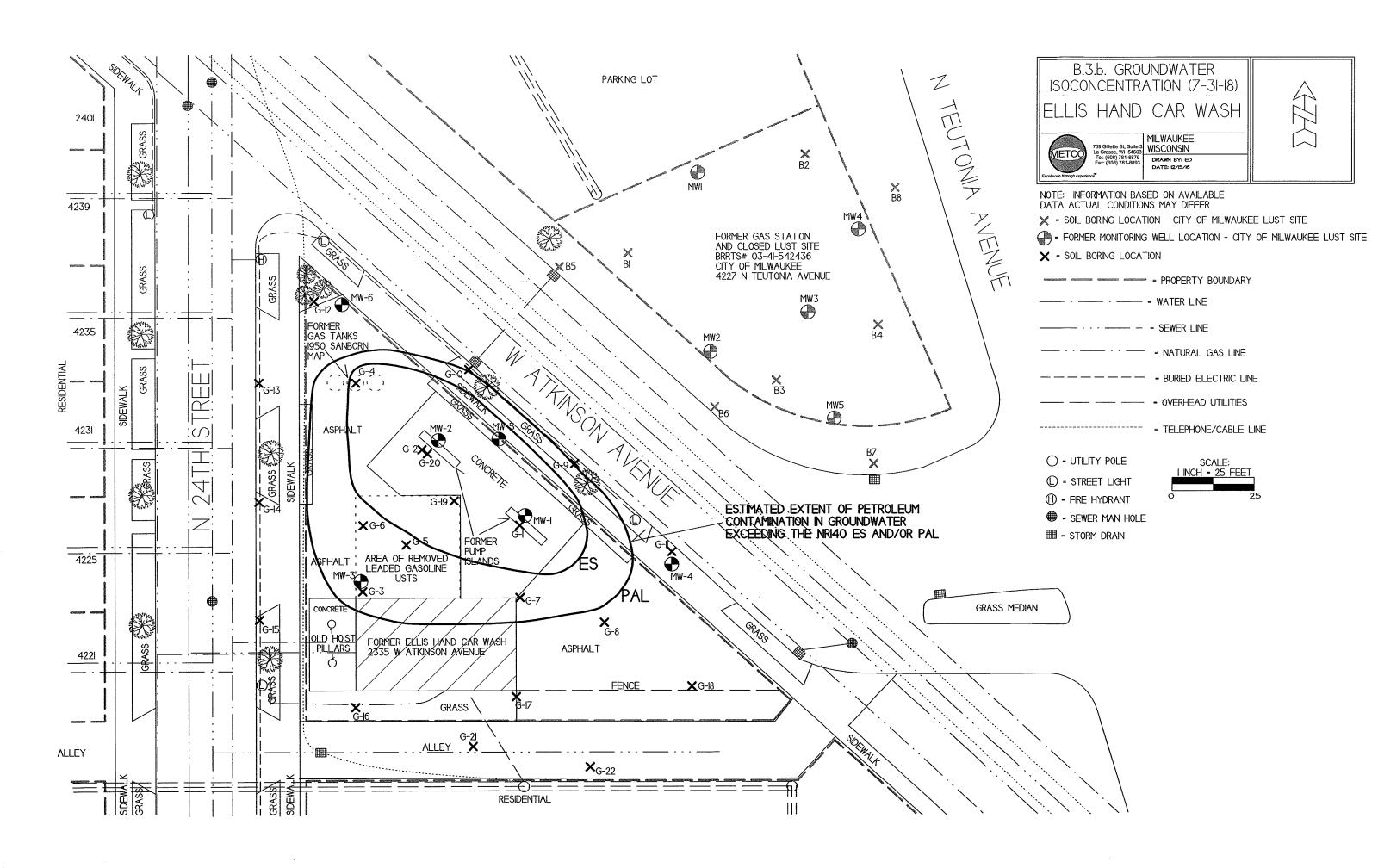
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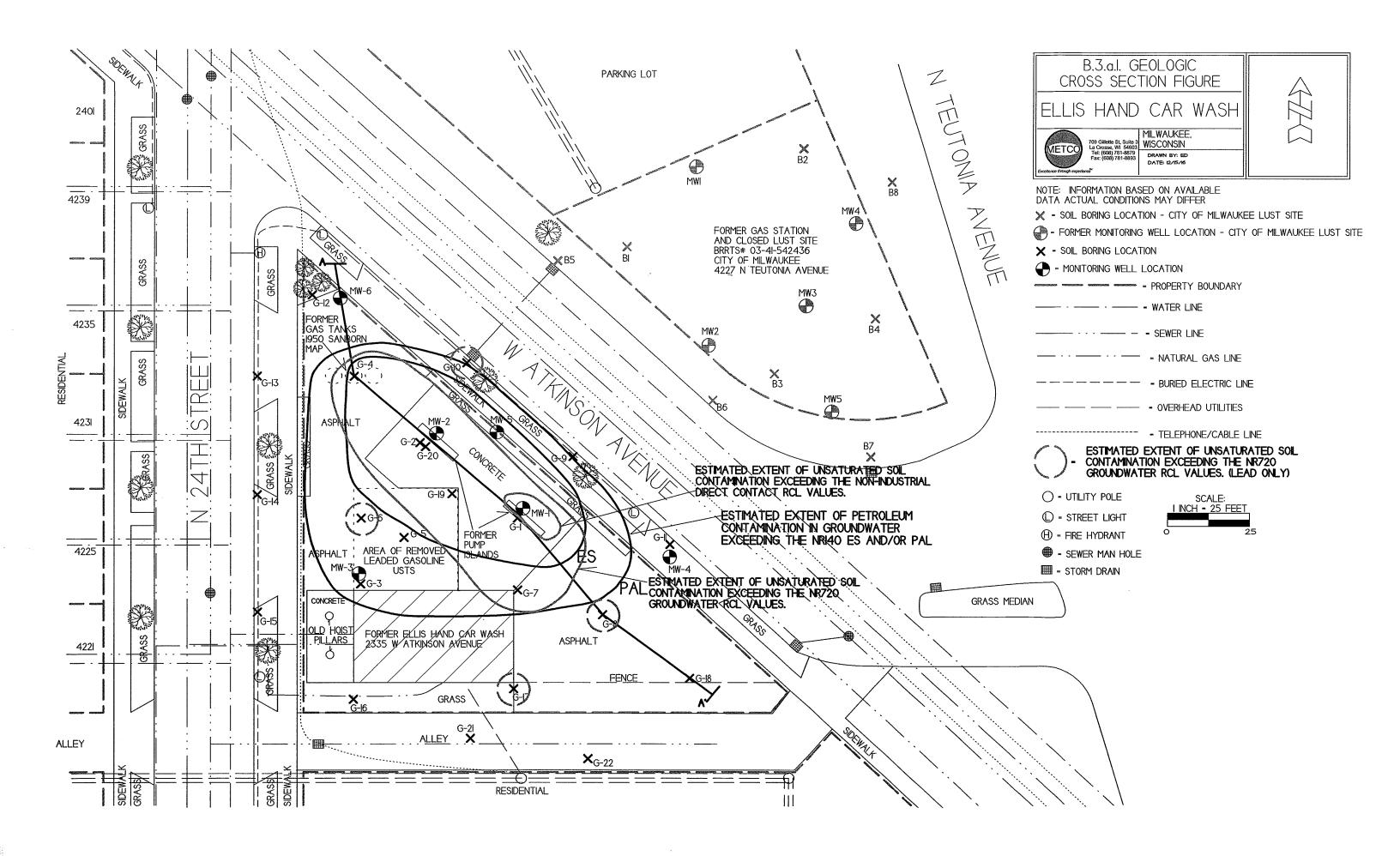


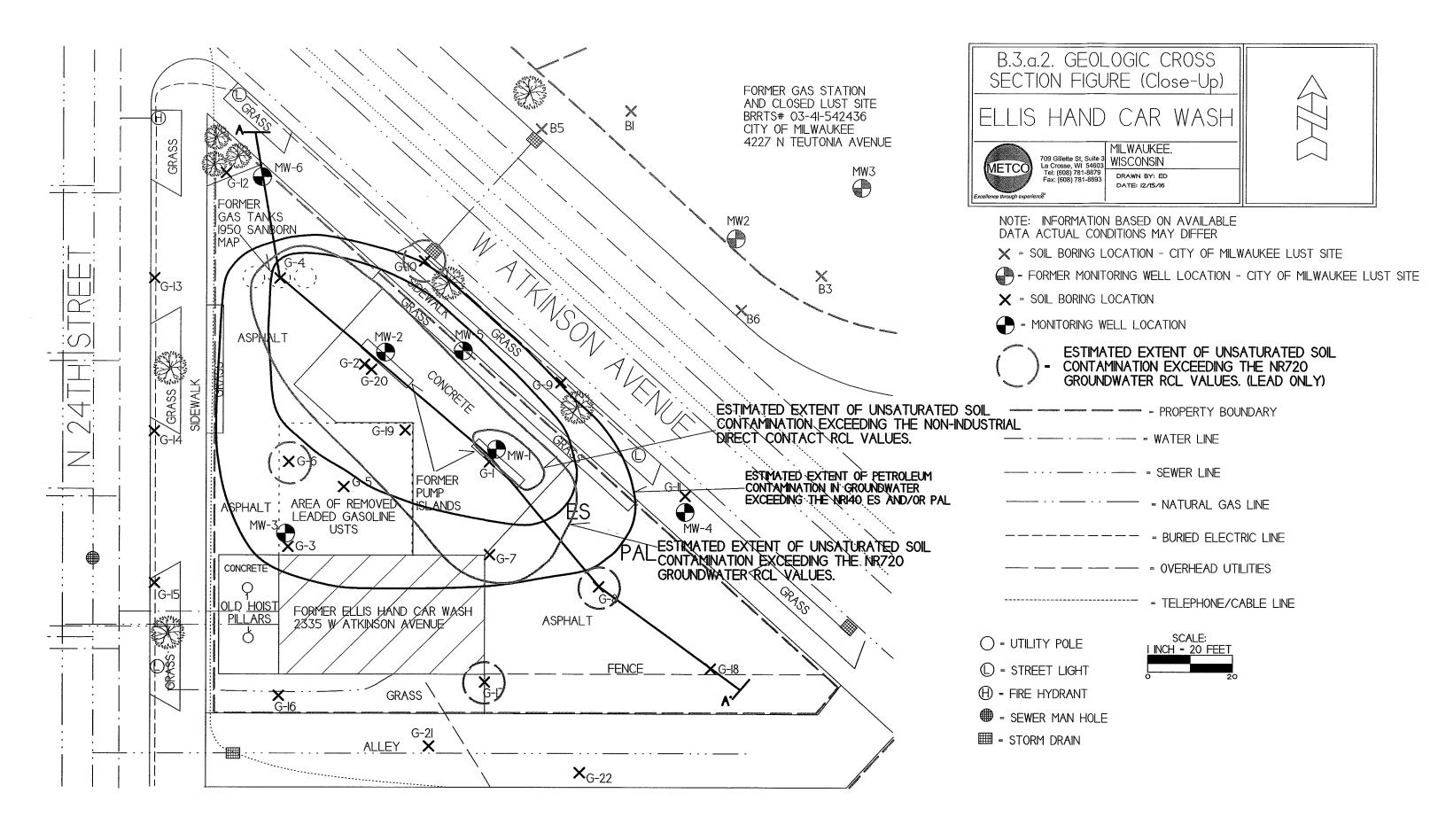


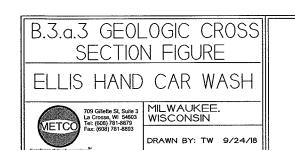












INFORMATION BASED ON AVAILABLE DATA. • = MONITORING WELL LOCATION ACTUAL CONDITIONS MAY DIFFER

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

GROUNDWATER FLOW IS TOWARD THE NORTHEAST TO SOUTHEAST.

- = GEOPROBE BORING LOCATION
- × = SOIL SAMPLING LOCATION
- ---- ALL TIME LOW MEASUREMENTS

B = BENZENE

E = ETHYLBENZENE

MTBE = METHYL-TERT-BUTYL-ETHER

N = NAPHTHALENE

T = TOLUENE

TMB = TRIMETHYLBENZENE

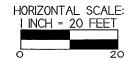
X = XYLENE

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

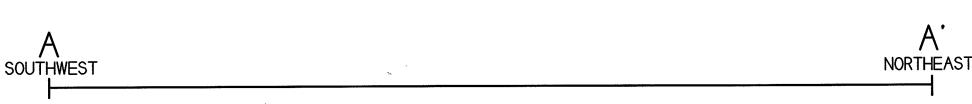
- GEOPROBE PROJECT (8/I-2/2017)

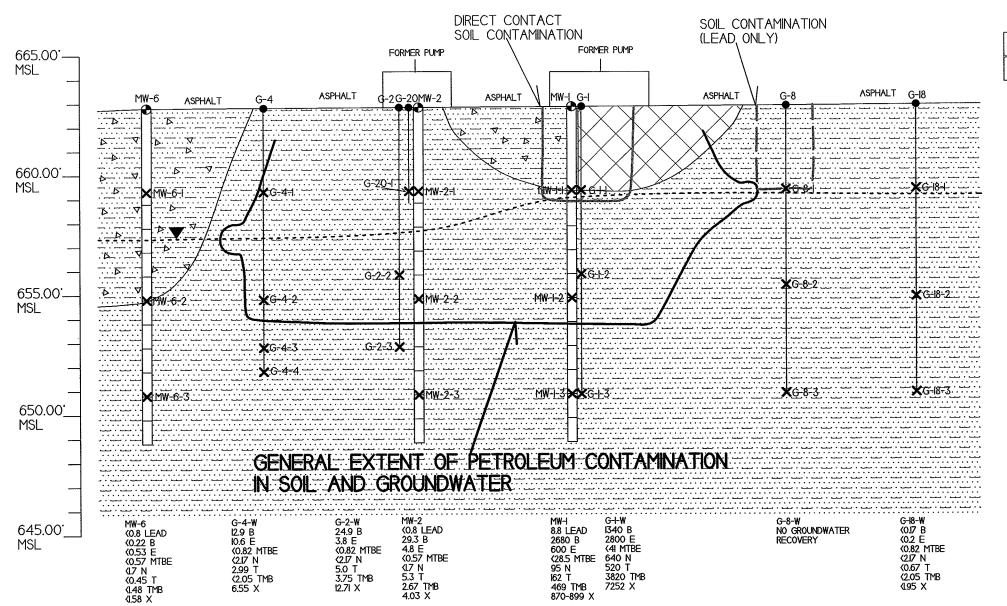
- GEOPROBE/DRILLING PROJECT (3/14-15/2018)

- ROUND 2 GROUNDWATER SAMPLING (7/31/2018)











**MATERIAL** 



SANDY CLAY WITH GRAVEL



SANDY CLAY

Site Investigation Report - METCO Ellis Hand Car Wash 7.0 DATA TABLES, GRAPHS, AND STATISTICAL ANALYSIS

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

											,						DIRECT CONT	ACT PVOC & PA	
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							1	REFUS	SAL AT 1.	5'	1 11 7	1 11 1				NS			
G-1B			1 00/04/47	1 40	140	. NC	L NO I		ISAL AT 2		1 0 005	<0.025	0.053	0.039	<0.075	NS NS	<del>  0</del>	0.2805	6.3E-09
G-1-1 G-1-2	3.5 7.0	U S	08/01/17		112 NS	NS NS	NS NS	<0.025 <b>35</b>	<0.025 <b>74</b>	<0.025 <0.5	0.035 25.7	9.2	159	58	256.3	NS NS	<del>                                     </del>	0.2003	0.02-03
G-1-2	12.0	S	08/01/17		140	110	110				SAMPLE					NS			
G-2-1	1		1 - 21 2 11 11	<del></del>				NO R	ECOVER'							NS			
G-2-2	7.0	S	08/01/17	132	NS	NS	NS	0.138	0.32	<0.025		<0.025	0.193	0.73	1.306	NS	ļ		
G-2-3	10.0	<u>S</u>	08/01/17		7.52	NS	NS	<0.025	<0.025	<0.025	SAMPLE <0.025		<0.025	<0.025	<0.075	NS NS	0		
G-3-1 G-3-2	3.5 7.5	US	08/01/17	2.6 7.4	7.52 NS	NS	NS	<0.025	<0.025	<0.025		<0.025	0.035	0.0285	<0.075	NS	1		
G-3-3	12.0	S	08/01/17	3.1	110			0.000		NO.	Γ SAMPLE	D				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 SEE VOC SHEET	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	NS NS	<del> </del>		
G-4-3 G-4-4	10.0 11.0	S	08/01/17	5.9 5.8							SAMPLE					NS			
G-5-1	3.5	Ü	08/01/17		1.86	NS	NS	<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							SAMPLE					NS NS			
G-5-3	12.0	S	08/01/17	4.9	NS 54.6	NS NS	NS NS	<0.025 <0.025	<0.025 <0.025	<0.025 <0.025		<0.025 <0.025	<0.025 <0.025	<0.025 <0.025	<0.075 <0.075	NS NS	0	0.1365	
G-6-1 G-6-2	3.5 7.0	U S	08/01/17	4.8	NS	NS NS	NS NS	<0.025 <b>0.57</b>	0.080	<0.025		<0.025	0.148	0.296	0.594	NS	1 <u> </u>	J555	
G-6-3	12.0	S	08/01/17	4.7		1		0.01	0.000		SAMPLE	D				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		<0.025	0.052	0.0258	<0.075	NS NS			
G-7-3	12.0	<u>S</u>	08/02/17	1.4 2.9	144.2	NS	NS	<0.025	<0.025		SAMPLE <0.025		0.044	0.0289	<0.075	NS NS	0	0.3605	
G-8-1 G-8-2	3.5 7.5	S	08/02/17	19	NS	NS	NS	<0.025	<0.025			<0.025	0.035	0.079	0.034-0.084	NS			
G-8-3	12.0	s	08/02/17		1.0	1 110		0.0000			SAMPLE					NS			
G-9-1	3.5	U	08/02/17		8.74	NS	NS	<0.025	<0.025	<0.025			<0.025	<0.025	<0.075	NS NS	0		
G-9-2	7.0	S	08/02/17	2.5	NS	NS	NS	0.107	<0.025		0.0306 FSAMPLE	<0.025	<0.025	<0.025	<0.075	NS NS	-		
G-9-3 G-10-1	12.0 3.5	SU	08/02/17		57.2	NS	NS	<0.025	<0.025	<0.025			<0.025	<0.025	< 0.075	NS NS	0	0.1430	
G-10-2	7.5	S	08/02/17		NS	NS	NS	<0.025	0.106	<0.025			0.080	0.194	0.200	NS			
G-10-3	12.0	S	08/02/17	4.1							T SAMPLE					NS	ļ		
G-11-1	3.5	U	08/02/17				1 40		-0.005		SAMPLE		-0.00E	<0.025	<0.075	NS NS	0		
G-11-2 G-11-3	8.0 12.0	S S	08/02/17		NS	NS	NS	<0.025	<0.025		│ <0.025 Г SAMPLE		<0.025	<0.025	<0.075	NS NS	1		
G-11-3 G-12-1	3.5	U	08/02/17		25.6	NS	NS	<0.025	<0.025				<0.025	<0.025	<0.075	NS	0		
G-12-2	8.0	S	08/02/17		NS	NS	NS	<0.025	<0.025	<0.025			<0.025	<0.025	<0.075	NS	ļ		
G-12-3	12.0	S	08/02/17								T SAMPLE		10.005	-0.005	-0.07E	NS NS	0		
G-13-1	3.5	U	08/02/17		17.0 NS	NS NS	NS NS	<0.025 <0.025	<0.025 <0.025				<0.025 <0.025	<0.025 <0.025	<0.075 <0.075	NS NS	<del>                                     </del>		
G-13-2 G-13-3	8.0 11.0	S S	08/02/17		INO	1113	140	<b>\0.025</b>	<u> </u>		T SAMPLE		1 10.020	10.020	10.010	NS			
G-14-1	3.5	Ü	08/02/17		21.1	NS	NS	<0.025	<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		NS	NS	NS	<0.025	<0.025				<0.025	<0.025	<0.075	NS NS			
G14-3	12.0	<u>s</u>	08/02/17								T SAMPLE T SAMPLE					NS NS	0		
G-15-1 G-15-2	3.5 8.0	U s	08/02/17		<del> </del>						T SAMPLE					NS			
G-15-3	12.0	S	08/02/17							NO	T SAMPLE	D				NS			
G-16-1	3.5	U	08/02/17	4.4							TSAMPLE			·		NS NS	0 —		
G-16-2	8.0	S	08/02/17								T SAMPLE T SAMPLE					NS NS	+	i	
G-16-3 G-17-1	12.0 3.5	S U	08/02/17 08/02/17		199	NS	NS	<0.025	<0.025				<0.025	0.041	<0.075	NS	0	0.4976	
G-17-1	7.0	s	08/02/17		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							TSAMPLE					NS NS	<del>                                     </del>		
G-18-1	3.5	Ü	08/02/17		ļ						T SAMPLE					NS NS	- 0		ļ
G-18-2 G-18-3	8.0 12.0	S S	08/02/17		<del>                                     </del>						T SAMPLE T SAMPLE			··		NS NS			
G-18-3 G-19-1	3.5	Ü	08/02/17		30.9	NS	NS	0.0286	<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		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		1	L	I NC	0.05	0.400		TSAMPLE		0.010	1 0.200	1.333	NS NS	1 0	0.0125	6.3E07
G-20-1	3.5	U	08/02/17		7.31	NS	NS	0.95	0.169		0.073		0.218	0.289	1.333	NS NS	<del>  0</del>	9.0120	0.55.07
G-21-1 G-21-2	3.5 8.0	U S	08/02/17		<del> </del>						T SAMPLE					NS			
G-21-3	12.0	S	08/02/17		L					NO	TSAMPLE	D				NS		ļ	
G-22-1	3.5	Ü	08/02/17	3.6							TSAMPLE					NS	0	-	
G-22-2	8.0	S	08/02/17		<b> </b>						T SAMPLE					NS NS	-	-	i
G-22-3	12.0	S_	08/02/17	4.0	<del> </del>	T	1	Τ	r	T NO	T SAMPLE	T T		I		INO INO	<del> </del>		
Groundwa	ter RCL		<u> </u>		27	-	-	0.00512	1.57	0.027	0.658	1.1	1	.38	3.96	-	<u> </u>		
ion-indus	trial Direc	t Contact R	CL		400	-	-	1.6	8.02	63.8	5.5	818	219	182	258	•		1.00E+00	1.00E-05
ductrial [	Direct Cor	itact RCL			(800)	T -	-	(7.07)	(35.4)	(282)	(24.1)	(818)	(219)	(182) 182*	(258) 258*	-	<b> </b>	1.00E+00	1.00E-05
		centration (			-	-	-	1820*	480*	8870*	1 -	818*	219*						

Soil Saturation Concentration (C-sat)\*

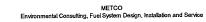
Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance
Bold & Asteric \* = C-sat Exceedance
Italics = Industrial Direct Contact RCL
NS = Not Sampled
(pm) = parts per million
ND = No Detects
DRO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

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

METCO
Environmental Consulting, Fuel System Design, Installation and Service

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

																	D.1.1.201.001111		AH COMBINE
Sample	Depth	Saturation	Date	PID	Lead	DRO	GRO		Ethyl		Naph-		1,2,4-Trime-	1,3,5-Trime-	Xylene	Other VOC's		(1	Cumulativ Cancer
ID	(feet)	U/S			(ppm)	(ppm)	(ppm)		Benzene	MTBE	thalene	Toluene	thylbenzene	thylbenzene	(Total)	(ppb)	Exeedance	Hazard Index	Risk
	(.00.)		1 1		"' '			(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)		Count	muex	NSK
MW-4-1	3.5	U	03/14/18	0.5								SAMPLE	)				U		
MW-4-2									NO R	ECOVERY									
MW-4-3	12	s	03/14/18	1.8								SAMPLE					0		
MW-5-1	3.5	U	03/14/18	0.8								SAMPLE			0.400	NS	V		-
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	NO			
MW-5-3	12	s	03/14/18	0.6								SAMPLE					0		
MW-6-1	3.5	U	03/14/18	0.7								SAMPLE					<u> υ                                   </u>		
MW-6-2	8	S	03/14/18	1.0								SAMPLE							
MW-6-3	12	S	03/14/18	0.6								SAMPLE			(304.2)*	NS	4	1.5797	3.8E-05
MW-1-1	3.5	Ü	03/15/18	482	NS	NS	NS	(33)	(86)	<1.25	(36)	13.9	183	61		NS NS	====	1.5757	0.0L-00
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 NS			<del> </del>
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 NS	0	0.0304	1.4E-06
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 NS		0.0304	1.42-00
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				
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	0		-
MW-3-1	3.5	U	03/15/18	2.4								SAMPLE					<u> </u>		-
MW-3-2	8	S	03/15/18	111								SAMPLE				NS	1		<b></b>
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				· · · · · · · · · · · · · · · · · · ·
						1										TCLP Lead <0.1			
							1									TCLP Benzene			
DRUM CO	MPOSITE		03/15/18	NS	NS	NS	92					NOT SAM	PLED	,		<0.05			
<u> </u>	1	t												<u> </u>			ļ		
Groundwa	ter RCL				27	-	-	0.00512		0.027	0.658	1.1		.38	3.96	-		1.00E+00	1.00E-0
		t Contact R	CL		400	-	-	1.6	8.02	63.8	5.5	818	219	182	258	-		1.00E+00	1.00E-0
ndustrial	Direct Co	ntact RCL			(800)	-	-	(7.07)	(35.4)	(282)	(24.1)	(818)	(219)	(182)	(258) 258*	-		1.000=00	1.00L-0
		centration (	C-sat)*			-	-	1820*	480*	8870*	-	818*	219*	182*	258*		1	l	1
Bold & United Bold & Page Bold & Astronomy Bold & Bol	derline = trenthese teric * = C dustrial Dir tampled rts per mill sel Range soline Rar oionization Petroleum platile Org	Organics nge Organics n Detector Volatile Orga anic Compou	ial Direct Co al Direct Co al Direct Co ance RCL anic Compo-	NM = No ND = No unds	CL Excee CL Excee of Measur Detects	dance		U=UNSA S=SATUI	TURATED RATED (B	(BASED (	ON ALL TI	ME LOW WA	VATER TABLE FER TABLE PI	E PER WDNR) ER WDNR)					



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

#### Sampling Conducted on August 1, 2017

Sample   D#   Sample Depth/ft.   8    Solids Percent   86.2	VOC's		Bold = Groundwater RCL	Bold = Non- Industrial Direct	(Parenthesis & Bold) = Industrial Direct Contact RCL	Asteric * & Bold =Soil Saturation (C-sat) RCL
Solids Percent	Samula ID#	C 4 2				
Benzene/ppm						
Benzene/pm	Solids Percent	86.2				
Bromobenzene/ppm	Lead/ppm	8.68	27	<u>400</u>	(800)	==
Bromotichloromethane/ppm	Benzene/ppm	0.045 "J"	0.00512	<u>1.6</u>	(7.07)	1820*
Bromoform/ppm	Bromobenzene/ppm	< 0.025	==	_	(679)	==
Tert-Butylbenzene/ppm	• •					
see-Butlythenzene/ppm	• •				• •	
1.04						
Carbon Tetrachloride/ppm				_		
Chlorobenzene/ppm					, ,	
Chlorofom/ppm			==		(761)	761*
Chloromethane/ppm	Chloroethane/ppm					==
2-Chlorotoluene/ppm	• •					
## Chlorotoluene/ppm   < 0.018   =						
1,2-Dibromo-3-chloropropane/ppm   <0.058   0.00173   0.008   (0.092)   = =						
Dibromochloromethane/ppm						
1,4-Dichlorobenzene/ppm						==
1,3-Dichlorobenzene/ppm						==
Dichlorodifiluoromethane/ppm	• • • • • • • • • • • • • • • • • • • •		1.1528			297*
1,2-Dichloroethane/ppm	1,2-Dichlorobenzene/ppm	< 0.028	1.168	<u>376</u>	(376)	376*
1,1-Dichloroethene/ppm						
1,1-Dichloroethene/ppm					• •	
Cis-1,2-Dichloroethene/ppm	••				, ,	
trans-1,2-Dichloroethene/ppm						
1,2-Dichloropropane/ppm		· · · · · · · · · · · · · · · · · · ·				
1,3-Dichloropropane/ppm	• • •					==
trans-1,3-Dichloropropene/ppm						1490*
Di-isopropyl ether/ppm		< 0.022		<u>1510</u>	(1510)	==
EDB (1,2-Dibromoethane)/ppm	cis-1,3-Dichloropropene/ppm	< 0.039	0.001			
Ethylbenzene/ppm						
Hexachlorobutadiene/ppm						
Sopropy benzene/ppm					, ,	
Description   Description	• •					
Methylene chloride/ppm         < 0.15         0.00256         61.8         (1150)         =            Methyl tert-butyl ether (MTBE)/ppm         < 0.05						
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           1,1,2,2-Tetrachloroethane/ppm         0.028         0.000156         0.81         (3.6)         = = 1,1,1,2-Tetrachloroethane/ppm           1,1,1,2-Tetrachloroethane(PCE)/ppm         0.028         0.0534         2.78         (12.3)         = = 1           Tetrachloroethene (PCE)/ppm         0.032         0.00454         33         (145)         = = 1           Toluene/ppm         0.032         1.11         818         (818)         818*           1,2,4-Trichlorobenzene/ppm         0.064         0.408         24         (113)         = = 1           1,2,3-Trichloroethane/ppm         0.066         = 62.6         (934)         = = 1           1,1,1-Trichloroethane/ppm         0.033         0.0032         1.59         (7.01)         = = 1           1,1,2-Trichloroethane/ppm         0.033         0.00324         1.59         (7.01)         = = 1           1,1,2-Trichloroethane/ppm         0.041         0.0358         1.3         (8.41)         = = 1           1,1,2-Trichloroethane/ppm         0.041			0.00256		, ,	
n-Propylbenzene/ppm         1.9         = = = = = = = = = = = = = = = = = = =	• • • • • • • • • • • • • • • • • • • •					8870*
1,1,2,2-Tetrachloroethane/ppm	Naphthalene/ppm	2.09	0.6582	<u>5.52</u>		
1,1,1,2-Tetrachloroethane/ppm         < 0.028	.,					
Tetrachloroethene (PCE)/ppm						
Toluene/ppm					, ,	
1,2,4-Trichlorobenzene/ppm     < 0.064				_		
1,2,3-Trichlorobenzene/ppm         < 0.066						
1,1,1-Trichloroethane/ppm     < 0.03						
1,1,2-Trichloroethane/ppm     < 0.033						==
Trichlorofluoromethane/ppm         < 0.041         2.2387         1230         (1230)         1230*           1,2,4-Trimethylbenzene/ppm         < 0.025	1,1,2-Trichloroethane/ppm					==
1,2,4-Trimethylbenzene/ppm     < 0.025						
1,3,5-Trimethylbenzene/ppm     < 0.032	• •		2.2387			
Vinyl Chloride/ppm         < 0.019         0.000138         0.07         (2.08)         = =           m&p-Xylene/ppm         0.092 "J"         3.96         260         (260)         258*			1.38			
m&p-Xylene/ppm 0.092 "J" 3.96 260 (260) 258*			0.000139			
			3.96	<u>260</u>	(260)	258*

Note: Non-Industrial RCLs apply to this site.

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

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

Sample			Ethyl		Naph-		Trimethyl-	Xylene
- Ω	Date	Benzene	Benzene	MTBE	thalene	Toluene	penzenes	(Total)
		(qdd)	(qdd)	(qdd)	(qdd)	(qdd)	(qdd)	(qdd)
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
M-9-9	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
M-6-9	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	29.0>	<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	29.0>	<2.05	<1.95
G-22-W	8/2/2017	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
		L	607		000	000	700	0000
ENFORCE MENI STANDARD ES = BOID	AKD ES = Bold	၃	00/	00	100	200	460	7000
PREVENTIVE ACTION LIMIT PAL = Italics	AIT PAL = Italics	0.5	140	12	10	160	96	400

NS = Not Sampled

(ppm) = parts per million (ppb) = parts per billion
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 < 2.96	< 0.26 < 2.96	0.2	0.02
1,2-Dibromo-3-chloropropane/ppb	< 29.6 < 2.2	< 2.96 < 0.22	< 2.96 < 0.22	< 2.96 < 0.22	< 0.22	< 0.22	60	6
Dibromochloromethane/ppb 1,4-Dichlorobenzene/ppb	< 2.2 < 7	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	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	< 0.32	< 0.32	< 0.32	< 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	0.4	0.04
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	==	== I 0.03
1,1,2,2-Tetrachloroethane/ppb	< 3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	0.2	0.02 7
1,1,1,2-Tetrachloroethane/ppb Tetrachloroethene (PCE)/ppb	< 3.5 < 3.8	< 0.35 < 0.38	70 5	0.5				
Toluene/ppb							800	160
1,2,4-Trichlorobenzene/ppb	330 < 11.5	1.26 < 1.15	< 0.19 < 1.15	< 0.19 < 1.15	< 0.19 < 1.15	< 0.19 < 1.15	70	14
1,2,3-Trichlorobenzene/ppb	< 17.1	< 1.15	< 1.71	< 1.71	< 1.15	< 1.15	==	==
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	T-4-1 TAID: 400	Total TMDI: 00
1,3,5-Trimethylbenzene/ppb	255	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	Total TMB's 480	Total TMB's 96
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 400
o-Xylene/ppb	144	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	Total Xylenes 2000	Total Ayrenes 400
<b>≠</b> • • • · · ·							***************************************	<del>*************************************</del>

NS = not sampled, NM = Not Measured
Q = Analyte detected above laboratory method detection limit but below practical quantitation limit.
= = No Exceedences

<sup>(</sup>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)

	Water	Depth to water			Ethyl		Naph-		Trimethyl-	Xylene
	Elevation	from top of PVC	Lead	Benzene	Benzene	MTBE	thalene	Toluene	benzenes	(Total)
Date	(in feet msl)	(in feet)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
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
ENFORCEME	I NT STANDAI	RD ES = Bold	. 15	5	700	60	100	800	480	2000
PREVENTIVE	ACTION LIM	IT 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)

	Water	Depth to water			Ethyl		Naph-		Trimethyl-	Xylene
	Elevation	from top of PVC	Lead	Benzene	Benzene	MTBE	thalene	Toluene	benzenes	(Total)
Date	(in feet msl)	(in feet)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
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
ENFORCEME	NT STANDA	RD ES = Bold	15	5	700	60	100	800	480	2000
		IT 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)

	Water	Depth to water			Ethyl		Naph-		Trimethyl-	Xylene
	Elevation	from top of PVC	Lead	Benzene	Benzene	MTBE	thalene	Toluene	benzenes	(Total)
Date	(in feet msl)	(in feet)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
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
ENFORCEME	ENT STANDA	RD ES = Bold	15	5	700	60	100	800	480	2000
PREVENTIVE	ACTION LIM	IT 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 05/07/18 07/31/18	Water Elevation (in feet msl) 656.90 656.99	Depth to water from top of PVC (in feet) 5.57 5.48	Lead (ppb) <0.9	Benzene (ppb) <0.22 <0.22	Ethyl Benzene (ppb) <0.26 <0.53	MTBE (ppb) <0.28 <0.57	Naph- thalene (ppb) <2.1 <1.7	Toluene (ppb) <0.19 <0.45	Trimethyl- benzenes (ppb) <1.43	Xylene (Total) (ppb) <0.72 <1.58
ENFORCEME	ENT STANDA	RD ES = Bold	15 1.5	5 0.5	700 140	<b>60</b> 12	100 10	800 160	<b>480</b> 96	2000 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

(MSL) (feet)

	Water	Depth to water			Ethyl		Naph-		Trimethyl-	Xylene
	Elevation	from top of PVC	Lead	Benzene	Benzene	MTBE	thalene	Toluene	benzenes	(Total)
Date	(in feet msl)	(in feet)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
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
						00	400	000	400	2000
ENFORCEME	NT STANDA	RD ES = Bold	15	5	700	60	100	800	480	2000
PREVENTIVE	ACTION LIM	IT PAL = Italics	1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion NS = not sampled

(ppm) = parts per million

NM = not measured

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

Well MW-6

PVC Elevation =

662.40

(feet)

(MSL)

	Water	Depth to water			Ethyl		Naph-		Trimethyl-	Xylene
	Elevation	from top of PVC	Lead	Benzene	Benzene	MTBE	thalene	Toluene	benzenes	(Total)
Date	(in feet msl)	(in feet)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
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 P	VC (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 05/07/18 07/31/18	<b>Surface (f</b> 3.67 3.80	<b>eet)</b> 4.84 5.12	3.56 3.82	5.86 5.77	5.48 5.72	6.83 5.41
Groundwater Elevation (feet n 05/07/18 07/31/18	<b>nsl)</b> 659.20 659.07	657.99 657.71	658.87 658.61	656.90 656.99	657.64 657.40	655.95 657.37

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

	Dissolved					Nitrate +	Total	Dissolved	Man-
Date	Oxygen	Hq	ORP	Temp	Specific	Nitrite	Sulfate	Iron	ganese
	(mpq)			(C)	Conductance	(ppm)	(ppm)	(ppm)	(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
01/01/10									
ENFORCEM	ENT STAND	ARD = ES	- Bold			10	-	-	300
PREVENTIV						2	-	-	60

(ppb) = parts per billion NS = not sampled

(ppm) = parts per million

NM = not measured

ORP = Oxidation Reduction Potential

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

### Well MW-2

	Dissolved					Nitrate +	Total	Dissolved	Man-
Date	Oxygen	рH	ORP	Temp	Specific	Nitrite	Sulfate	Iron	ganese
	(ppm)	•		(c)	Conductance	(ppm)	(ppm)	(ppm)	(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
ENFORCEM	ENT STAND	ARD = ES	- Bold			10	-	-	300
PREVENTIV						2	_	-	60

(ppb) = parts per billion NS = not sampled

(ppm) = parts per million

ORP = Oxidation Reduction Potential NM = not measured

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

### Well MW-3

	Dissolved					Nitrate +	Total	Dissolved	Man-
Date	Oxygen	Hq	ORP	Temp	Specific	Nitrite	Sulfate	Iron	ganese
	(ppm)	•		(C)	Conductance	(ppm)	(ppm)	(ppm)	(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
ENFORCEM	ENT STAND	ARD = ES	- Bold			10	-	-	300
PREVENTIV						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

	Dissolved	77				Nitrate +	Total	Dissolved	Man-
Date	Oxygen	На	ORP	Temp	Specific	Nitrite	Sulfate	Iron	ganese
	(ppm)	•		(C)	Conductance	(ppm)	(ppm)	(ppm)	(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
		****							
ENFORCEM	ENT STAND	ARD = ES	- Bold			10	-	-	300
PREVENTIV						2	-	-	60

(ppb) = parts per billion

(ppm) = parts per million

NM = not measured

ORP = Oxidation Reduction Potential

NS = not sampled 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

	Dissolved					Nitrate +	Total	Dissolved	Man-
Date	Oxygen	pН	ORP	Temp	Specific	Nitrite	Sulfate	Iron	ganese
	(ppm)	·		(C)	Conductance	(ppm)	(ppm)	(ppm)	(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
ENFORCEM	TENT STAND	ARD = ES	- Bold			10	-	-	300
PREVENTIV	/E ACTION LI	MIT = PAI	L - 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

	Dissolved					Nitrate +	Total	Dissolved	Man-
Date	Oxygen	pН	ORP	Temp	Specific	Nitrite	Sulfate	Iron	ganese
	(ppm)	•		(c)	Conductance	(ppm)	(ppm)	(ppm)	(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
ENFORCEM	ENT STAND	ARD = <b>ES</b>	- Bold			10	-	-	300
PREVENTIV	/E ACTION LI	MIT = PAI	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).

Site Investigation Report - METCO Ellis Hand Car Wash 8.0 SITE PHOTOGRAPHS

### **Photos**

Photo #1: Looking northeast.



Photo #2: Looking northwest.



METCO
Environmental Consulting, Fuel System Design, Installation and Service

Photo #3: Looking south.



Photo #4: Looking southwest.



Site Investigation Report - METCO
Ellis Hand Car Wash
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

### Site Investigation Report - METCO Ellis Hand Car Wash

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.

### Site Investigation Report - METCO Ellis Hand Car Wash 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.

Site Investigation Report - METCO
Ellis Hand Car Wash
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

Project #

Lab Code 5033356A

Sample ID METH BLANK

Sample Matrix Soil Sample Date 8/1/2017

•	Result	Unit	LOD L	.OQ Dil		Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	]	GRO95/8021		8/8/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	10.0	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	
Naphthalene	< 0.025	mg/kg	0.022	0.07	]	GRO95/8021		8/8/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/8/2017	TCC	
1,2,4-Trimethylbenzene	< 0.025	mg/kg	10.0	0.032	1	GRO95/8021		8/8/2017	TCC	
1,3,5-Trimethylbenzene	< 0.025	mg/kg	110.0	0.036	1	GRO95/8021		8/8/2017	TCC	
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		8/8/2017	TCC	
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		8/8/2017	TCC	1

Invoice # E33356

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

Lab Code5033356BSample IDG-1-1Sample MatrixSoilSample Date8/1/2017

	Result	Unit	LOD I	LOQ D	il	Method	Ext Date	. Run Date	Analyst	Code
General							OAT DATE	. Kun Date	Allalyst	Code
General										
Solids Percent	95.2	%			į	5021		8/4/2017	NJC	,
Inorganic					•			0/4/2017	NIC	J
Metals										
Lead, Total	112	mg/Kg	0.34	1.16	2	6010B		8/10/2017	CHUT	
Organic			0.57	1.10	-	0010D		6/10/2017	CWT	1 49
PVOC + Naphthalene										
Benzene	< 0.02	25 mg/kg	0.019	0.06		GRO95/8021		9/0/2017	TOO	
Ethylbenzene	< 0.02		0.01	0.032	,	GRO95/8021		8/9/2017	TCC	!
Methyl tert-butyl ether (MTB			0.0079	0.032	í	GRO95/8021		8/9/2017	TCC	ŧ
Naphthalene	0.035 "J"		0.0079					8/9/2017	TCC	
Toluene	< 0.02	mg/kg		0.07		GRO95/8021		8/9/2017	TCC	1
1,2,4-Trimethylbenzene			0.014	0.046	1	GRO95/8021		8/9/2017	TCC	ì
	0.053	mg/kg	0.01	0.032	l	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	0	0.012	0.037	[	GRO95/8021		8/9/2017	TCC	1
o-Xylene	< 0.02	!5 mg/kg	0.015	0.047	1	GRO95/8021		8/9/2017	TCC	i
Lab Code 503335	56C									

Lab Code 50333560 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								Sat Butt	Run Date	Anatyst	Coue
General											
Solids Percent	79.3		%			1	5021		8/4/2017	NJC	1
Organic									3/4/2017	[43C	1
PVOC + Naphthalene											
Benzene	35		mg/kg	0.38	3 1	.2 20	GRO95/8021		8/9/2017	TCC	ı
Ethylbenzene	74		mg/kg	0.2	2.0.6	i4 20			8/9/2017	TCC	ı
Methyl tert-butyl ether (MTBE)		< 0.5	mg/kg	0.158	0.	.5 20	GRO95/8021		8/9/2017	TCC	i
Naphthalene	25.7		mg/kg	0.44	1.	.4 20	GRO95/8021		8/9/2017	TCC	i
Toluene	9.2		mg/kg	0.28	0.9	2 20	GRO95/8021		8/9/2017	TCC	i
1,2,4-Trimethylbenzene	159		mg/kg	0.2	0.6	4 20	GRO95/8021		8/9/2017	TCC	1
1,3,5-Trimethylbenzene	58		mg/kg	0.22	0.7	2 20	GRO95/8021		8/9/2017	TCC	i
m&p-Xylene	249		mg/kg	0.24	0.7	4 20	GRO95/8021		8/9/2017	TCC	i
o-Xylene	7.3		mg/kg	0.3	0.9	4 20	GRO95/8021		8/9/2017	TCC	l

Project Name ELLIS HAND CAR WASH Invoice # E33356

Project #

Lab Code 5033356D Sample ID G-2-Sample Matrix Soil G-2-2

Sample Matrix	Soil											
Sample Date	8/1/2017											
		Result		Unit	LOD L	OQ Dil	I	Method	Ext Date	Run Date	Analyst	Code
General									2.10 2 11(0	run Bute	Milaljat	Cour
General												
Solids Percent		81.9		%			I	5021		8/4/2017	NJC	1
Organic										G. 112011	7.50	•
PVOC + Naph	thalene											
Benzene		0.138		mg/kg	0.019	0.06	I	GRO95/8021		8/8/2017	TCC	1
Ethylbenzene		0.32		mg/kg	10.0	0.032	l	GRO95/8021		8/8/2017	TCC	i
Methyl tert-butyl et Naphthalene	her (MTBE)	0.205	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		8/8/2017	TCC	ĺ
Toluene		0.305	< 0.025	mg/kg mg/kg	0.022 0.014	0.07 0.046	1	GRO95/8021 GRO95/8021		8/8/2017	TCC	1
1,2,4-Trimethylben	zene	0.193	~ 0.023	mg/kg	0.014	0.040	1	GRO95/8021		8/8/2017 8/8/2017	TCC TCC	]
1,3,5-Trimethylben	zene	0.73		mg/kg	0.011	0.036	í	GRO95/8021		8/8/2017	TCC	i [
m&p-Xylene		1.03		mg/kg	0.012	0.037	I	GRO95/8021	•	8/8/2017	TCC	I
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	C . II											
Dampie Matrix	Soil											
Sample Date	8/1/2017											
•		Result		Unit	LOD L	OQ Dil		Method	Ext Date	Run Date	Analyst	Code
•		Result		Unit	LOD L	OQ Dil		Method	Ext Date	Run Date	Analyst	Code
Sample Date		Result		Unit	LOD L	OQ Dil		Method	Ext Date	Run Date	Analyst	Code
Sample Date General		Result		Unit %	LOD L	OQ Dil	1	Method 5021	Ext Date	<b>Run Date</b> 8/4/2017	<b>Analyst</b> NJC	Code
Sample Date  General  General					LOD L	OQ Dil			Ext Date			
Sample Date  General General Solids Percent					LOD L	OQ Dil			Ext Date			
Sample Date  General General Solids Percent Inorganic					LOD L				Ext Date			
General General Solids Percent Inorganic Metals Lead, Total Organic	8/1/2017	97.8		%			i	5021	Ext Date	8/4/2017	NJC	1
General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Napht	8/1/2017	97.8		%			i	5021	Ext Date	8/4/2017	NJC	1
General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Napht Benzene	8/1/2017	97.8	< 0.025	% mg/Kg mg/kg	0.34	1.16	1 2	5021 6010B GRO95/8021	Ext Date	8/4/2017	NJC	1
General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Napht Benzene Ethylbenzene	8/1/2017 chalene	97.8	< 0.025	% mg/Kg mg/kg mg/kg	0.34 0.019 0.01	0.06 0.032	1 2	5021 6010B GRO95/8021 GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/9/2017 8/9/2017	NJC CWT TCC TCC	1 1 49
General General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Napht Benzene Ethylbenzene Methyl tert-butyl etl	8/1/2017 chalene	97.8	< 0.025 < 0.025	% mg/Kg mg/kg mg/kg mg/kg	0.34 0.019 0.01 0.0079	0.06 0.032 0.025	1 2	5021 6010B GRO95/8021 GRO95/8021 GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/9/2017 8/9/2017 8/9/2017	NJC CWT TCC TCC TCC	1 49
General General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Napht Benzene Ethylbenzene Methyl tert-butyl etl Naphthalene Toluene	8/1/2017 chalene her (MTBE)	97.8	< 0.025	% mg/Kg mg/kg mg/kg	0.34 0.019 0.01	0.06 0.032 0.025 0.07	1 2	5021 6010B GRO95/8021 GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017	NJC CWT TCC TCC TCC TCC	1 49
General General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Napht Benzene Ethylbenzene Methyl tert-butyl eth Naphthalene Toluene 1,2,4-Trimethylbenz	8/1/2017 chalene her (MTBE)	97.8	< 0.025 < 0.025 < 0.025 < 0.025 < 0.025	% mg/Kg mg/kg mg/kg mg/kg mg/kg mg/kg	0.34 0.019 0.01 0.0079 0.022 0.014 0.01	0.06 0.032 0.025 0.07 0.046 0.032	1 2 1 1 1 1 1 1 1 1	5021 6010B GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/9/2017 8/9/2017 8/9/2017	NJC CWT TCC TCC TCC	1 49
General General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Napht Benzene Ethylbenzene Methyl tert-butyl eth Naphthalene Toluene 1,2,4-Trimethylbenz 1,3,5-Trimethylbenz	8/1/2017 chalene her (MTBE)	97.8	< 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025	% mg/Kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	0.34 0.019 0.01 0.0079 0.022 0.014 0.01 0.011	0.06 0.032 0.025 0.07 0.046 0.032 0.036	1 1 1 1 1 1 1 1 1	5021 6010B GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017	NJC  CWT  TCC TCC TCC TCC TCC TCC TCC TCC	1 1 49 1 1 1 1
General General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Napht Benzene Ethylbenzene Methyl tert-butyl eth Naphthalene Toluene 1,2,4-Trimethylbenz	8/1/2017 chalene her (MTBE)	97.8	< 0.025 < 0.025 < 0.025 < 0.025 < 0.025	% mg/Kg mg/kg mg/kg mg/kg mg/kg mg/kg	0.34 0.019 0.01 0.0079 0.022 0.014 0.01	0.06 0.032 0.025 0.07 0.046 0.032 0.036 0.037	1 2 1 1 1 1 1 1 1 1	5021 6010B GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017	NJC  CWT  TCC TCC TCC TCC TCC TCC TCC	1 1 49 1 1 1 1

Project Name ELLIS HAND CAR WASH Invoice # E33356

Project #

Lab Code 5033356F Sample ID G-3-2

Sample Matrix										
Sample Date	8/1/2017	Result	Unit	LODI	OQ Dil	Method	Ext Data	Dun Data	Analyst	Code
General		Result	Ont	LOD L	ווע סט.	Meniou	ext Date	Run Date	Anatyst	Code
General										
Solids Percent		85.2	%		1	5021		8/4/2017	NJC	i
Organic										
PVOC + Naph	thalene									
Benzene		< 0.025	mg/kg	0.019	0.06	GRO95/8021		8/8/2017	TCC	1
Ethylbenzene		< 0.025	mg/kg	0.01	0.032	GRO95/8021		8/8/2017	TCC	1
Methyl tert-butyl et Naphthalene	ther (MTBE)	< 0.025 0.055 "J"	mg/kg	0.0079	0.025 1	GRO95/8021		8/8/2017	TCC	1
Toluene		< 0.025	mg/kg mg/kg	0.022 0.014	0.07 I 0.046 I	GRO95/8021 GRO95/8021		8/8/2017 8/8/2017	TCC TCC	1
1,2,4-Trimethylben	zene	0.035	mg/kg	0.014	0.032	GRO95/8021		8/8/2017	TCC	1
1,3,5-Trimethylben	zene	0.0285 "J"	mg/kg	0.011	0.036	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	Sail									
Dumpie matrix	SUII									
Sample Date	8/1/2017									
•		Result	Unit	LOD L	OQ Dil	Method	Ext Date	Run Date	Analyst	Code
Sample Date General		Result	Unit	LOD L	.OQ Dil	Method	Ext Date	Run Date	Analyst	Code
Sample Date  General  General				LOD L	.OQ Dil		Ext Date	Run Date	Analyst	Code
Sample Date  General  General  Solids Percent		Result	Unit %	LOD L	. <mark>OQ Dil</mark>	Method 5021	Ext Date	<b>Run Date</b> 8/4/2017	<b>Analyst</b> NJC	Code
Sample Date  General General Solids Percent Inorganic				LOD L			Ext Date		-	
Sample Date  General General Solids Percent Inorganic Metals		87.8	%				Ext Date		-	
General General Solids Percent Inorganic Metals Lead, Total				LOD L			Ext Date		-	
General General Solids Percent Inorganic Metals Lead, Total Organic	8/1/2017	87.8	%		1	5021	Ext Date	8/4/2017	NJC	1
General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Naph	8/1/2017	87.8 97.2	% mg/Kg	0.34	1.16 2	5021 6010B	Ext Date	8/4/2017 8/10/2017	NJC CWT	1
General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Naph Benzene	8/1/2017	87.8 97.2 0.121	% mg/Kg mg/kg	0.34	1.16 2	5021 6010B GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/8/2017	NJC CWT TCC	1
General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Naph Benzene Ethylbenzene	8/1/2017 thalene	87.8 97.2 0.121 0.063	% mg/Kg mg/kg mg/kg	0.34 0.019 0.01	1.16 2 0.06 1 0.032 1	5021 6010B GRO95/8021 GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/8/2017 8/8/2017	NJC CWT TCC TCC	1
General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl et Naphthalene	8/1/2017 thalene	87.8 97.2 0.121	% mg/Kg mg/kg	0.34	1.16 2 0.06 1 0.032 1	5021 6010B GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/8/2017	NJC CWT TCC	1
General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl et Naphthalene Toluene	8/1/2017 thalene her (MTBE)	97.2 0.121 0.063 < 0.025 0.085	% mg/Kg mg/kg mg/kg mg/kg mg/kg	0.34 0.019 0.01 0.0079 0.022 0.014	0.06 1 0.032 1 0.025 1 0.07 1 0.046 !	5021 6010B GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/8/2017 8/8/2017 8/8/2017 8/8/2017	NJC  CWT  TCC TCC TCC TCC TCC TCC	1
General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl et Naphthalene Toluene 1,2,4-Trimethylben	8/1/2017 thalene her (MTBE)	97.2 0.121 0.063	% mg/Kg mg/kg mg/kg mg/kg mg/kg mg/kg	0.34 0.019 0.01 0.0079 0.022 0.014 0.01	0.06 1 0.032 1 0.025 1 0.07 1 0.046 1 0.032 i	5021 6010B GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/8/2017 8/8/2017 8/8/2017 8/8/2017 8/8/2017	NJC  CWT  TCC TCC TCC TCC TCC TCC TCC	1
General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl et Naphthalene Toluene 1,2,4-Trimethylben 1,3,5-Trimethylben	8/1/2017 thalene her (MTBE)	97.2 0.121 0.063 < 0.025 0.085 < 0.025 0.056 0.106	% mg/Kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	0.34 0.019 0.01 0.0079 0.022 0.014 0.01 0.011	0.06 1 0.032 1 0.025 1 0.07 1 0.046 1 0.032 1 0.036 1	5021 6010B GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/8/2017 8/8/2017 8/8/2017 8/8/2017 8/8/2017 8/8/2017	NJC  CWT  TCC TCC TCC TCC TCC TCC TCC TCC	1 49
General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl et Naphthalene Toluene 1,2,4-Trimethylben	8/1/2017 thalene her (MTBE)	97.2 0.121 0.063	% mg/Kg mg/kg mg/kg mg/kg mg/kg mg/kg	0.34 0.019 0.01 0.0079 0.022 0.014 0.01	0.06 1 0.032 1 0.025 1 0.07 1 0.046 1 0.032 i	5021 6010B GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/8/2017 8/8/2017 8/8/2017 8/8/2017 8/8/2017	NJC  CWT  TCC TCC TCC TCC TCC TCC TCC	1

Project Name ELLIS HAND CAR WASH Invoice # E33356

Project #

Lab Code

5033356H

Sample ID Sample Matrix Soil

G-4-2

Sample Date 8/1/2017

	Result	Unit	LOD L	OQ Dil		Method	Ext Date	Run Date	Analyst	Code
General									•	
General										
Solids Percent	86.2	%			ı	5021		8/4/2017	NJC	1
	80.2	70			1	3021		0/4/2017	1434.	,
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		i I	8260B		8/15/2017	CJR	1
Bromodichloromethane	< 0.023	mg/kg	0.023		I	8260B		8/15/2017	CJR	ì
Bromoform	< 0.029	mg/kg	0.029		, I	8260B		8/15/2017	CJR	1
tert-Butylbenzene	0.041 "J"	mg/kg	0.026		1	8260B		8/15/2017	CJR	1
sec-Butylbenzene	0.42	mg/kg	0.033		l	8260B		8/15/2017	CJR	i
n-Butylbenzene	1.04	mg/kg	0.04		1	8260B		8/15/2017	CJR	i
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	l	8260B		8/15/2017	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	l	8260B		8/15/2017	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	l	8260B		8/15/2017	CJR	l
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		8/15/2017	CJR	l
Chloromethane	< 0.076	mg/kg	0.076	0.2.	1	8260B		8/15/2017	CJR	l
2-Chlorotoluene	< 0.015	mg/kg	0.015	*	l	8260B		8/15/2017	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	l	8260B		8/15/2017	CJR	!
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	ļ	8260B		8/15/2017	CJR	J
Dibromochloromethane	< 0.025	mg/kg	0.025		l	8260B		8/15/2017	CJR	l
I,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12		8260B		8/15/2017	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037		l l	8260B 8260B		8/15/2017 8/15/2017	CJR CJR	1
1,2-Dichlorobenzene	< 0.028 < 0.048	mg/kg	0.028 0.048		l l	8260B		8/15/2017	CJR	1
Dichlorodifluoromethane 1,2-Dichloroethane	< 0.048	mg/kg mg/kg	0.048		l l	8260B		8/15/2017	CJR	i
1,1-Dichloroethane	< 0.034	mg/kg	0.034		i	8260B		8/15/2017	CJR	j
1.1-Dichloroethene	< 0.022	mg/kg	0.022		i	8260B		8/15/2017	CJR	1
cis-1.2-Dichloroethene	< 0.032	mg/kg	0.032		ì	8260B		8/15/2017	CJR	i
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028		ĺ	8260B		8/15/2017	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035		1	8260B		8/15/2017	CJR	1
1.3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	l	8260B		8/15/2017	CJR	į
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	l	8260B		8/15/2017	CJR	į
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	[	8260B		8/15/2017	CJR	ì
Di-isopropyl ether	< 0.01	mg/kg	0.01		l	8260B		8/15/2017	CJR	i
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023		1	8260B		8/15/2017	CJR	ŀ
Ethylbenzene	0.64	mg/kg	0.035		i	8260B		8/15/2017	CJR	l
Hexachlorobutadiene	< 0.085	mg/kg	0.085		l	8260B		8/15/2017	CJR	1
Isopropylbenzene	0.94	mg/kg	0.034		l	8260B		8/15/2017	CJR	l ,
p-lsopropyltoluene	0.60	mg/kg	0.029		l	8260B		8/15/2017	CJR	ı.
Methylene chloride	< 0.15	mg/kg	0.15		į.	8260B		8/15/2017	CJR CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05 0.094		i I	8260B 8260B		8/15/2017 8/15/2017	CJR	1
Naphthalene n-Propylbenzene	2.09 1.9	mg/kg mg/kg	0.094		i Ì	8260B		8/15/2017	CJR CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg mg/kg	0.033		i	8260B		8/15/2017	CJR	ì
1,1,2,7-Tetrachioroethane	< 0.028	mg/kg	0.028		[	8260B		8/15/2017	CJR	i
Tetrachloroethene	< 0.032	mg/kg	0.023		ì	8260B		8/15/2017	CJR	i
Toluene	< 0.032	mg/kg	0.032		i	8260B		8/15/2017	CJR	j
10.30110	. 5.032	6 6	0.00		-					•

Project Name ELLIS HAT	ND CAR WASH				Invoi	ce# E3335	56		
Lab Code 50333561 Sample ID G-4-2 Sample Matrix Soil Sample Date 8/1/2017	<del>l</del>								
1,2,4-Trichlorobenzene 1,2,3-Trichlorobenzene 1,1,1-Trichloroethane 1,1,2-Trichloroethane Trichloroethene (TCE) Trichlorofluoromethane 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene Vinyl Chloride m&p-Xylene o-Xylene SUR - Toluene-d8 SUR - 1,2-Dichloroethane-d4 SUR - 4-Bromofluorobenzene SUR - Dibromofluoromethane	Company   Comp	Unit  mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg kg k	0.064 0.066 0.03 0.033 0.041 0.041 0.025 0.032 0.019 0.072 0.044	OQ Dil  0.2   1 0.21   1 0.96   1 0.13   1 0.13   1 0.08   1 0.062   1 0.23   1 0.14   1 1 1 1	Method 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B	Ext Date	Run Date 8/15/2017 8/15/2017 8/15/2017 8/15/2017 8/15/2017 8/15/2017 8/15/2017 8/15/2017 8/15/2017 8/15/2017 8/15/2017 8/15/2017 8/15/2017	Analyst CJR	Code  i  i  i  i  i  i  i  i  i  i  i  i  i
Lab Code 50333560 Sample ID G-5-1 Sample Matrix Soil Sample Date 8/1/2017				00 PH		E 4 B.4	Down Dodge	A a Invak	Cada
General	Result	Unit	LOD L	OQ Dil	Method	Ext Date	Run Date	Analyst	Code
General Solids Percent Inorganic	97.0	%		i	5021		8/4/2017	NJC	Ì
Metals Lead, Total	1.86	mg/Kg	0.34	1.16 2	6010B		8/10/2017	CWT	1 49
Organic PVOC + Naphthalene Benzene Ethylbenzene Methyl tert-butyl ether (MTBE) Naphthalene Toluene 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene m&p-Xylene o-Xylene	< 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	0.019 0.01 0.0079 0.022 0.014 0.01 0.011 0.012 0.015	0.06	GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021		8/8/2017 8/8/2017 8/8/2017 8/8/2017 8/8/2017 8/8/2017 8/8/2017 8/8/2017	TCC TCC TCC TCC TCC TCC TCC TCC TCC	1 1 2 3 1 1 1 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

Sample Date	0/1/2017									
Sample Date	8/1/2017	10. <i>1</i> .	71 7		00 01	3.7 (1 1	D ( D )	<b>D D</b>		<i>a</i> .
0 1		Result	Unit	LOD L	OQ Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent		83.8	%		1	5021		8/4/2017	NJC	I
Organic										
PVOC + Naph	thalene									
Benzene		< 0.02	mg/kg	0.019	0.06	GRO95/8021		8/8/2017	TCC	I
Ethylbenzene		< 0.02:	mg/kg	10.0	0.032	GRO95/8021		8/8/2017	TCC	ł
Methyl tert-butyl et	her (MTBE)	< 0.02:	0 0	0.0079	0.025 1	GRO95/8021		8/8/2017	TCC	1
Naphthalene		< 0.02:		0.022	0.07	GRO95/8021		8/8/2017	TCC	1
Toluene		< 0.02:		0.014	0.046 I	GRO95/8021		8/8/2017	TCC	1
1,2,4-Trimethylben		< 0.02:		0.01	0.032 I	GRO95/8021		8/8/2017	TCC	!
1,3,5-Trimethylben m&p-Xylene	zene	< 0.02: < 0.05		0.011 0.012	0.036 I 0.037 I	GRO95/8021 GRO95/8021		8/8/2017	TCC	1
o-Xylene		< 0.03	mg/kg mg/kg	0.012	0.037 I 0.047 I	GRO95/8021		8/8/2017 8/8/2017	TCC TCC	]
		V 0.02.	, IIIg/kg	0.015	0.047	GRO75/8021		0/0/2017	100	,
Lab Code	5033356K									
Sample ID	G-6-1									
Sample Matrix	Soil									
<u>-</u>										
Sample Date	8/1/2017	Result	<b>H</b> nit	LOD I	oo bii	Method	Ext Date	Run Date	A nalvet	Code
Sample Date		Result	Unit	LOD L	OQ Dil	Method	Ext Date	Run Date	Analyst	Code
Sample Date General		Result	Unit	LOD L	OQ Dil	Method	Ext Date	Run Date	Analyst	Code
Sample Date  General  General				LOD L	OQ Dil		Ext Date		-	
Sample Date  General General Solids Percent		Result	Unit %	LOD L	OQ Dil	Method 5021	Ext Date	<b>Run Date</b> 8/4/2017	<b>Analyst</b> NJC	Code
Sample Date  General General Solids Percent Inorganic				LOD L	OQ Dil		Ext Date		-	
Sample Date  General General Solids Percent Inorganic Metals					OQ Dil		Ext Date		-	
Sample Date  General General Solids Percent Inorganic				LOD L	OQ Dil	5021	Ext Date		-	
Sample Date  General General Solids Percent Inorganic Metals		86.2	%		l	5021	Ext Date	8/4/2017	NJC	Ī
General General Solids Percent Inorganic Metals Lead, Total	8/1/2017	86.2	%		l	5021	Ext Date	8/4/2017	NJC	Ī
General General Solids Percent Inorganic Metals Lead, Total Organic	8/1/2017	86.2	<b>%</b> mg∕Kg		l	5021	Ext Date	8/4/2017	NJC	Ī
General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Naph Benzene Ethylbenzene	8/1/2017 thalene	86.2 54.6	% mg/Kg 5 mg/kg	0.34 0.019 0.01	1.16 2	5021 6010B	Ext Date	8/4/2017 8/10/2017	NJC CWT TCC TCC	I I 49
General General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl et	8/1/2017 thalene	86.2 54.6 < 0.02; < 0.02; < 0.02; < 0.02;	% mg/Kg 6 mg/kg 6 mg/kg 6 mg/kg	0.34 0.019 0.01 0.0079	1.16 2 0.06 1 0.032 1 0.025 i	5021 6010B GRO95/8021 GRO95/8021 GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/8/2017 8/8/2017 8/8/2017	NJC CWT TCC TCC TCC	1 1 49 1
General General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl et Naphthalene	8/1/2017 thalene	\$6.2 54.6 < 0.02; < 0.02; < 0.02; < 0.02; < 0.02;	%  mg/Kg  mg/kg  mg/kg  mg/kg  mg/kg	0.34 0.019 0.01 0.0079 0.022	0.06 1 0.032 1 0.025 1 0.07 1	5021 6010B GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/8/2017 8/8/2017 8/8/2017 8/8/2017	NJC  CWT  TCC TCC TCC TCC	1 1 49 1 1
General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl et Naphthalene Toluene	8/1/2017 thalene her (MTBE)	\$6.2 54.6 < 0.02: < 0.02: < 0.02: < 0.02: < 0.02: < 0.02:	%  mg/Kg  mg/kg  mg/kg  mg/kg  mg/kg  mg/kg  mg/kg	0.34 0.019 0.01 0.0079 0.022 0.014	0.06 1 0.032 1 0.025 i 0.07 i 0.046 1	5021 6010B GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/8/2017 8/8/2017 8/8/2017 8/8/2017	NJC  CWT  TCC TCC TCC TCC TCC TCC	1 1 49 1 1
General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl et Naphthalene Toluene 1,2,4-Trimethylben	8/1/2017 thalene her (MTBE)	\$6.2 54.6 < 0.02; < 0.02; < 0.02; < 0.02; < 0.02; < 0.02; < 0.02;	%  mg/Kg  mg/kg  mg/kg  mg/kg  mg/kg  mg/kg  mg/kg  mg/kg  mg/kg	0.34 0.019 0.01 0.0079 0.022 0.014 0.01	0.06 1 0.032 1 0.025 1 0.07 1 0.046 1 0.032 1	5021 6010B GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/8/2017 8/8/2017 8/8/2017 8/8/2017 8/8/2017	NJC  CWT  TCC TCC TCC TCC TCC TCC TCC	1 1 49 1 1
General General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl et Naphthalene Toluene 1,2,4-Trimethylben 1,3,5-Trimethylben	8/1/2017 thalene her (MTBE)	\$6.2 54.6 <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02:	%  mg/Kg  mg/kg  mg/kg  mg/kg  mg/kg  mg/kg  mg/kg  mg/kg  mg/kg  mg/kg	0.34 0.019 0.01 0.0079 0.022 0.014 0.01 0.011	0.06 1 0.032 1 0.025 1 0.07 1 0.046 1 0.032 1 0.036 1	5021 6010B GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/8/2017 8/8/2017 8/8/2017 8/8/2017 8/8/2017 8/8/2017	NJC  CWT  TCC TCC TCC TCC TCC TCC TCC TCC	1 49 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl et Naphthalene Toluene 1,2,4-Trimethylben	8/1/2017 thalene her (MTBE)	\$6.2 54.6 < 0.02; < 0.02; < 0.02; < 0.02; < 0.02; < 0.02; < 0.02;	mg/Kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	0.34 0.019 0.01 0.0079 0.022 0.014 0.01	0.06 1 0.032 1 0.025 1 0.07 1 0.046 1 0.032 1	5021 6010B GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/8/2017 8/8/2017 8/8/2017 8/8/2017 8/8/2017	NJC  CWT  TCC TCC TCC TCC TCC TCC TCC	1 1 49 1 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

Sample Matrix	Soil											
Sample Date	8/1/2017	Result		Unit	LOD	LOQ Dil		Method	Ext Date	Run Date	Analyst	Code
General		resun		Ciii	DOD	200 0		meenoa	Ext Dute	Run Date	rinaryst	Cour
General												
Solids Percent		84.2		%			I	5021		8/4/2017	NJC	1
Organic												
PVOC + Napht	halene											
Benzene		0.57		mg/kg	0.019		1	GRO95/8021		8/8/2017	TCC	I
Ethylbenzene Methyl tert-butyl eth	or (MTDE)	0.080	< 0.025	mg/kg	0.01 0.0079	0.032 0.025	]	GRO95/8021 GRO95/8021		8/8/2017 8/8/2017	TCC TCC	1
Naphthalene	ICI (MIIDE)	0.95	< 0.023	mg/kg mg/kg	0.0079		I	GRO95/8021		8/8/2017	TCC	1
Toluene		0.70	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		8/8/2017	TCC	í
1,2,4-Trimethylbenz		0.148		mg/kg	0.01	0.032	1	GRO95/8021		8/8/2017	TCC	ł
1,3,5-Trimethylbenz	ene	0.296		mg/kg	0.011		1	GRO95/8021		8/8/2017	TCC	!
m&p-Xylene o-Xylene		0.42 0.174		mg/kg mg/kg	0.012 0.015	0.037 0.047	i I	GRO95/8021 GRO95/8021		8/8/2017 8/8/2017	TCC TCC	l I
•		0.174		34 45111	0.015	0.017	•	01(0)3/0021		0/0/2017	100	•
Lab Code	5033356M							=				
Sample ID	G-7-1											
Sample Matrix	Soil											
•												
Sample Date	8/1/2017											
Sample Date		Result		Unit	LOD	LOQ Dil		Method	Ext Date	Run Date	Analyst	Code
Sample Date General		Result		Unit	LOD	LOQ Dil		Method	Ext Date	Run Date	Analyst	Code
Sample Date  General  General					LOD			-	Ext Date		v	Code
Sample Date  General General Solids Percent		Result		Unit %	LOD		ī	Method 5021	Ext Date	<b>Run Date</b> 8/4/2017	<b>Analyst</b> NJC	Code
Sample Date  General General Solids Percent Inorganic			-		LOD			-	Ext Date		v	Code
Sample Date  General General Solids Percent Inorganic Metals		88.1	·	%			Ī	5021	Ext Date	8/4/2017	NJC	I
General General Solids Percent Inorganic Metals Lead, Total			·		<b>LOD</b> 0.34			-	Ext Date		v	Code 1 1 49
General General Solids Percent Inorganic Metals Lead, Total Organic	8/1/2017	88.1	·	%			Ī	5021	Ext Date	8/4/2017	NJC	I
General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Napht	8/1/2017	88.1 18.5	·	% mg/Kg	0.34	1.16	Ī	5021 6010B	Ext Date	8/4/2017 8/10/2017	NJC CWT	I
General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Napht Benzene	8/1/2017	88.1	< 0.025	% mg/Kg mg/kg	0.34	1.16	I 2	5021 6010B GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/9/2017	NJC CWT	l 1 49 i
General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Napht Benzene Ethylbenzene	8/1/2017 halene	88.1 18.5	< 0.025 < 0.025	% mg/Kg	0.34	1.16	Ī	5021 6010B	Ext Date	8/4/2017 8/10/2017	NJC CWT	I
General General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Napht Benzene Ethylbenzene Methyl tert-butyl eth	8/1/2017 halene	88.1 18.5	< 0.025 < 0.025	% mg/Kg mg/kg mg/kg mg/kg	0.34 0.019 0.01 0.0079 0.022	0.06 0.032 0.025 0.07	I 2	5021 6010B GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017	NJC  CWT  TCC TCC TCC TCC	I 1 49 i I I
General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Napht Benzene Ethylbenzene Methyl tert-butyl eth Naphthalene Toluene	8/1/2017 halene ner (MTBE)	88.1 18.5	< 0.025 < 0.025 < 0.025	% mg/Kg mg/kg mg/kg mg/kg mg/kg	0.34 0.019 0.01 0.0079 0.022 0.014	0.06 0.032 0.025 0.07 0.046	I 2	5021 6010B GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017	NJC  CWT  TCC TCC TCC TCC TCC	I I 49 I I I I
General General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Napht Benzene Ethylbenzene Methyl tert-butyl eth Naphthalene Toluene 1,2,4-Trimethylbenz	halene her (MTBE)	88.1 18.5	< 0.025 < 0.025 < 0.025 < 0.025	% mg/Kg mg/kg mg/kg mg/kg mg/kg mg/kg	0.34 0.019 0.01 0.0079 0.022 0.014 0.01	0.06 0.032 0.025 0.07 0.046 0.032	1 2 1 1 1 1	5021 6010B GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017	NJC  CWT  TCC TCC TCC TCC TCC TCC TCC	1 49  i I I I I I I I
General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Napht Benzene Ethylbenzene Methyl tert-butyl eth Naphthalene Toluene	halene her (MTBE)	88.1 18.5	< 0.025 < 0.025 < 0.025	% mg/Kg mg/kg mg/kg mg/kg mg/kg	0.34 0.019 0.01 0.0079 0.022 0.014	0.06 0.032 0.025 0.07 0.046 0.032 0.036	I 2	5021 6010B GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017	NJC  CWT  TCC TCC TCC TCC TCC	I I 49 I I I I
General General Solids Percent Inorganic Metals Lead, Total Organic PVOC + Napht Benzene Ethylbenzene Methyl tert-butyl elf Naphthalene Toluene 1,2,4-Trimethylbenz 1,3,5-Trimethylbenz	halene her (MTBE)	88.1 18.5	<0.025 <0.025 <0.025 <0.025 <0.025	% mg/Kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	0.34 0.019 0.01 0.0079 0.022 0.014 0.01 0.011	0.06 0.032 0.025 0.07 0.046 0.032 0.036	1 2 1 1 1 1 1	5021 6010B GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021	Ext Date	8/4/2017 8/10/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017	NJC  CWT  TCC TCC TCC TCC TCC TCC TCC	1 49  i

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 General General Solids Percent 75.4 % I 5021 8/4/2017 NJC 1 Organic PVOC + Naphthalene 0.019 8/8/2017 TCC: Benzene < 0.025 0.06 i GRO95/8021 mg/kg Ethylbenzene < 0.025 mg/kg 0.01 0.032 GRO95/8021 8/8/2017 TCC GRO95/8021 8/8/2017 Methyl tert-butyl ether (MTBE) < 0.025 0.0079 0.025 TCC mg/kg GRO95/8021 8/8/2017 Naphthalene 0.149 mg/kg 0.022 0.07 TCC Toluene < 0.025 0.014 0.046 GRO95/8021 8/8/2017 TCC mg/kg GRO95/8021 1,2,4-Trimethylbenzene 0.052 mg/kg 0.01 0.032 8/8/2017 TCC 1,3.5-Trimethylbenzene GRO95/8021 8/8/2017 0.0258 "J" 0.011 0.036 TCC mg/kg m&p-Xylene < 0.05 mg/kg 0.012 0.037 l GRO95/8021 8/8/2017 TCC o-Xylene 8/8/2017 0.015 0.047 l GRO95/8021 TCC < 0.025 mg/kg 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 % 5021 8/4/2017 NJC i Inorganic Metals 2 6010B 8/10/2017 CWT 1.49 Lead, Total 144.2 mg/Kg 0.34 1.16 Organic PVOC + Naphthalene Benzene < 0.025 0.019 0.06 1 GRO95/8021 8/9/2017 TCC mg/kg < 0.025 0.01 0.032 GRO95/8021 8/9/2017 TCC Ethylbenzene mg/kg GRO95/8021 8/9/2017 TCC < 0.025 0.0079 0.025 Methyl tert-butyl ether (MTBE) mg/kg Naphthalene < 0.025 mg/kg 0.022 0.07 GRO95/8021 8/9/2017 TCC 0.014 0.046 GRO95/8021 8/9/2017 TCC < 0.025 mg/kg ·Toluene 1 1,2,4-Trimethylbenzene 0.044 0.01 0.032 GRO95/8021 8/9/2017 TCC mg/kg 1,3,5-Trimethylbenzene 0.0289 "J" mg/kg 0.011 0.036 GRO95/8021 8/9/2017 TCC mg/kg m&p-Xylene < 0.05 0.012 0.037 GRO95/8021 8/9/2017 TCC

0.015

< 0.025

mg/kg

o-Xylene

0.047

1

GRO95/8021

8/9/2017

TCC

Invoice # E33356 ELLIS HAND CAR WASH Project Name Project # Lab Code 5033356P Sample ID G-8-2 Sample Matrix Soil Sample Date 8/1/2017 Ext Date Run Date Analyst Code Unit LOD LOQ Dil Method Result General General 75.8 % 1 5021 8/4/2017 N.I.C ļ Solids Percent Organic PVOC + Naphthalene 0.019 GRO95/8021 8/10/2017 TCC < 0.025 0.06 1 Benzene mg/kg GRO95/8021 8/10/2017 TCC Ethylbenzene < 0.025 mg/kg 10.0 0.032 1 GRO95/8021 8/10/2017 TCC 0.0079 0.025 1 Methyl tert-butyl ether (MTBE) < 0.025 mg/kg 8/10/2017 TCC GRO95/8021 0.32 mg/kg 0.022 0.07 -1 Naphthalene < 0.025 0.014 0.046 1 GRO95/8021 8/10/2017 TCC mg/kg Toluene GRO95/8021 TCC 8/10/2017 1,2,4-Trimethylbenzene 0.035 mg/kg 0.010.032 ı GRO95/8021 8/10/2017 TCC 0.011 0.036 mg/kg 1,3,5-Trimethylbenzene 0.079 TCC GRO95/8021 8/10/2017 < 0.05 mg/kg 0.012 0.037 1 1 m&p-Xylene ı GRO95/8021 8/10/2017 TCC 0.034 "J" 0.015 0.047 o-Xylene mg/kg Lab Code 5033356Q Sample ID G-9-1 Sample Matrix Soil Sample Date 8/1/2017 Ext Date Run Date Analyst Code Result Unit LOD LOQ Dil Method General General ļ 5021 8/4/2017 NJC 88.4 % ŀ Solids Percent Inorganic Metals 8/10/2017 CWT 1 49 2 6010B 8.74 mg/Kg 0.34 1.16 Lead, Total Organic PVOC + Naphthalene GRO95/8021 8/9/2017 TCC ı < 0.025 0.019 0.06 1 Benzene mg/kg TCC 10.0 0.032 GRO95/8021 8/9/2017 1 Ethylbenzene < 0.025 mg/kg 1 8/9/2017 TCC GRO95/8021 l 0.0079 0.025Methyl tert-butyl ether (MTBE) < 0.025 mg/kg 1 TCC < 0.025 mg/kg 0.022 0.07 GRO95/8021 8/9/2017 Naphthalene 8/9/2017 0.014 0.046 GRO95/8021 TCC 1 Toluene < 0.025 mg/kg TCC 8/9/2017 < 0.025 0.01 0.032 1 GRO95/8021 1 1.2.4-Trimethylbenzene mg/kg GRO95/8021 8/9/2017 TCC < 0.025 0.011 0.036 1 1,3,5-Trimethylbenzene mg/kg 8/9/2017 TCC GRO95/8021 1 m&p-Xylene < 0.05 0.012 0.037 1 mg/kg

0.015

< 0.025

o-Xylene

mg/kg

0.047

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GRO95/8021

Project Name **ELLIS HAND CAR WASH** Project # Lab Code 5033356R G-9-2 Sample ID Sample Matrix Soil Sample Date 8/1/2017 Ext Date Run Date Analyst Code LOD LOO Dil Method Unit Result General General 5021 8/4/2017 NJC ] 90.3 % Solids Percent Organic PVOC + Naphthalene GRO95/8021 8/9/2017 TCC 0.019 0.06 1 Benzene 0.107 mg/kg 8/9/2017 TCC < 0.025 0.01 0.032 1 GRO95/8021 1 Ethylbenzene mg/kg GRO95/8021 8/9/2017 TCC 0.025 Methyl tert-butyl ether (MTBE) < 0.025 mg/kg 0.0079 TCC GRO95/8021 8/9/2017 ı 0.022 0.07 0.0306 "J" mg/kg Naphthalene 0.046 GRO95/8021 8/9/2017 TCC ŧ 0.014 1 Toluene < 0.025 mg/kg GRO95/8021 8/9/2017 TCC Į < 0.025 0.01 0.032 1,2,4-Trimethylbenzene mg/kg GRQ95/8021 8/9/2017 TCC 1 0.036 110.0 1,3,5-Trimethylbenzene < 0.025 mg/kg ł TCC 0.012 0.037 1 GRO95/8021 8/9/2017 1 < 0.05 mg/kg m&p-Xylene 8/9/2017 TCC 0.047 1 GRO95/8021 < 0.025 mg/kg 0.015 o-Xylene Lab Code 5033356S Sample ID G-10-1 Sample Matrix Soil Sample Date 8/1/2017 Ext Date Run Date Analyst Code Result Unit LOD LOQ Dil Method General General NJC ŧ 8/4/2017 5021 Solids Percent 84.8 % Inorganic Metals 8/10/2017 **CWT** 1 49 6010B mg/Kg 0.34 1.16 2 Lead, Total 57.2 Organic PVOC + Naphthalene GRO95/8021 8/9/2017 TCC ] 0.019 0.06 < 0.025 mg/kg 1 Benzene 0.032 GRO95/8021 8/9/2017 TCC 1 < 0.025 mg/kg 0.01 J Ethylbenzene GRO95/8021 8/9/2017 TCC 1 < 0.025 mg/kg 0.0079 0.025 Methyl tert-butyl ether (MTBE) < 0.025 0.022 0.07 GRO95/8021 8/9/2017 TCC 1 mg/kg Naphthalene GRO95/8021 8/9/2017 TCC l 0.014 0.046 Toluene < 0.025 mg/kg 8/9/2017 TCC 0.032 GRO95/8021 i

< 0.025

< 0.025

< 0.05

< 0.025

1,2,4-Trimethylbenzene

1,3,5-Trimethylbenzene

m&p-Xylene

o-Xylene

mg/kg

mg/kg

mg/kg

mg/kg

0.01

0.011

0.012

0.015

0.036

0.037

0.047

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GRO95/8021

GRO95/8021

GRO95/8021

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Invoice # E33356 Project Name ELLIS HAND CAR WASH Project # Lab Code 5033356T Sample ID G-10-2 Sample Matrix Soil Sample Date 8/1/2017 Ext Date Run Date Analyst Code Method LOD LOQ Dil Result Unit General General NJC 8/4/2017 5021 Solids Percent 84.0 % l Organic PVOC + Naphthalene 8/9/2017 TCC GRO95/8021 < 0.025 0.019 0.06 1 Benzene mg/kg GRO95/8021 8/9/2017 TCC 1 0.01 0.032 Ethylbenzene 0.106 mg/kg GRO95/8021 8/9/2017 TCC 0.0079 0.025 < 0.025 mg/kg Methyl tert-butyl ether (MTBE) GRO95/8021 8/9/2017 TCC 0.07 mg/kg 0.022 Naphthalene 0.144GRO95/8021 8/9/2017 TCC < 0.025 mg/kg 0.014 0.046 Toluene GRO95/8021 8/9/2017 TCC ł 0.01 0.032 0.080 1.2,4-Trimethylbenzene mg/kg GRO95/8021 8/9/2017 TCC 0.011 0.036 0.194 mg/kg 1.3,5-Trimethylbenzene TCC GRO95/8021 8/9/2017 0.012 0.037 1 m&p-Xylene 0.113 mg/kg 8/9/2017 TCC GRO95/8021 0.015 0.047 1 mg/kg o-Xylene 0.087 Lab Code 5033356U Sample ID G-11-2 Sample Matrix Soil Sample Date 8/2/2017 Ext Date Run Date Analyst Code LOD LOQ Dil Method Result Unit General General 5021 8/4/2017 NJC l 83.9 % Solids Percent Organic PVOC + Naphthalene 8/9/2017 TCC: GRO95/8021 0.019 0.06 1 < 0.025 Benzene mg/kg GRO95/8021 8/9/2017 TCC < 0.025 0.01 0.032 1 mg/kg Ethylbenzene TCC GRO95/8021 8/9/2017 < 0.025 mg/kg 0.0079 0.025 l Methyl tert-butyl ether (MTBE) 8/9/2017 TCC GRO95/8021 < 0.025 mg/kg 0.022 0.07 Naphthalene 8/9/2017 TCC 0.046 GRO95/8021 0.014 < 0.025 mg/kg Toluene GRO95/8021 8/9/2017 TCC < 0.025 mg/kg 0.01 0.032 1 1,2,4-Trimethylbenzene

0.011

0.012

0.015

< 0.025

< 0.05

< 0.025

mg/kg

mg/kg

mg/kg

1,3,5-Trimethylbenzene

m&p-Xylene

o-Xylene

0.036

0.037

0.047

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GRO95/8021

GRO95/8021

GRO95/8021

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Project Name E Project #	ELLIS HANE	CAR WAS	SH						Invoic	e# E3335	6		
Lab Code Sample ID Sample Matrix Sample Date	5033356V G-12-1 Soil 8/2/2017	Result	Unit		LOĐ	LOQ	Dil		Method	Ext Date	Run Date	Analyst	Code
General													
General Solids Percent		86.8	•	<b>%</b> o			1		5021		8/4/2017	NJC	I
Inorganic Metals Lead, Total		25.6	me	g/Kg	0.34	1.1	6 2	)	6010B		8/10/2017	CWT	I 49
		23.0	1118	, IV.	0.51	• • • • • • • • • • • • • • • • • • • •		-	,,,,,,				
Organic PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl et Naphthalene Toluene 1,2,4-Trimethylben m&p-Xylene o-Xylene Lab Code Sample ID Sample Matrix	her (MTBE) zene zenc 5033356W G-12-2	< 0 < 0 < 0 < 0 < 0 < 0 < 0	025 m; 025 m; 025 m; 025 m; 025 m; 025 m; 025 m; 05 m	a/kg 9/kg 9/kg 9/kg 9/kg	0.019 0.01 0.0079 0.022 0.014 0.01 0.011 0.012	0.00 0.00 0.04 0.00 0.00 0.00	12   1 15   1 16   1 16   1 16   1 16   1	           	GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021		8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017	TCC TCC TCC TCC TCC TCC TCC TCC TCC	
Sample Date	8/2/2017	Result	Uni	t	LOD	LOQ	Dil		Method	Ext Date	Run Date	Analyst	Code
General General Solids Percent		81.0		%		-		ı	5021		8/4/2017	NJC	ī
Organic PVOC + Napl Benzene Ethylbenzene Methyl tert-butyl e Naphthaiene Toluene 1,2,4-Trimethylben 1,3,5-Trimethylben m&p-Xylene o-Xylene	ther (MTBE)	< 0 < 0 < 0 < 0 < 0 < 0 < 0	.025 m .025 m .025 m .025 m .025 m .025 m .025 m	8/kg g/kg g/kg g/kg g/kg g/kg	0.019 0.01 0.0079 0.022 0.014 0.01 0.011 0.012	0.0 0.0 1 0.0 1 0.0 0.0 0.0 0.0	32 25 07 46 32 36	1 1 1 1 1 1	GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021		8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017	TCC TCC TCC TCC TCC TCC TCC TCC TCC	1 1 1 1 1 1

Project Name E	LLIS HANI	OCAR WASH				Invoi	ce# E3335	56		
Lab Code Sample ID Sample Matrix Sample Date	5033356X G-13-1 Soil 8/2/2017	Result	Unit	LOD I	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 + Naphi	-halana	17.0	mg/r/g	0.54	1.10 2	00102		0.737277		
Benzene Ethylbenzene Ethylbenzene Methyl tert-butyl et Naphthalene Toluene 1,2,4-Trimethylben: 1,3,5-Trimethylben: m&p-Xylene o-Xylene	her (MTBE) zene	< 0.022 < 0.022 < 0.022 < 0.022 < 0.022 < 0.022 < 0.022 < 0.05 < 0.022	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	0.019 0.01 0.0079 0.022 0.014 0.01 0.011 0.012	0.06   1 0.032   1 0.025   1 0.07   1 0.046   1 0.032   1 0.036   1 0.037   1 0.047   1	GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021		8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017	TCC	1 1 1 1 1 1 1 1 1
Lab Code Sample ID Sample Matrix Sample Date	5033356Y G-13-2 Soil 8/2/2017	Result	Unit	LOD	LOQ Dil	Method	Ext Date	Run Date	Analyst	Code
General		Result	Onn	LOD .	LOQ DII	Method	Dat Dute	rtun Dutt	1 2	
General Solids Percent		86.0	%		1	5021		8/4/2017	NJC	1
Organic PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl et Naphthalene Toluene 1,2,4-Trimethylben 1,3,5-Trimethylben m&p-Xylene o-Xylene	ther (MTBE)	< 0.02 < 0.02 < 0.02 < 0.02 < 0.02 < 0.02 < 0.02 < 0.05 < 0.02	5 mg/kg 5 mg/kg 5 mg/kg 5 mg/kg 5 mg/kg 5 mg/kg mg/kg	0.019 0.01 0.0079 0.022 0.014 0.01 0.011 0.012	0.06 1 0.032 1 0.025 1 0.07 1 0.046 1 0.032 1 0.036 3 0.037 1 0.047 1	GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021		8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017	TCC TCC TCC TCC TCC TCC TCC TCC TCC	1 1 1 1 1 1 1 1

Project #												
Lab Code Sample ID Sample Matrix Sample Date	5033356Z G-14-1 Soil 8/2/2017											
General		Result		Unit	LOD	LOQ Di	I	Method	Ext Date	Run Date	Anaiyst	Code
General Solids Percent		88.9		%			i	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 + Naph Benzene Ethylbenzene Methyl tert-butyl et Naphthalene Toluene 1,2,4-Trimethylben 1,3,5-Trimethylben m&p-Xylene o-Xylene	ther (MTBE) zene	0.111	< 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	0.019 0.01 0.0079 0.022 0.014 0.01 0.011 0.012 0.015	0.06 0.032 0.025 0.07 0.046 0.032 0.036 0.037 0.047	   1   1   1   1   1	GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021		8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017	TCC TCC TCC TCC TCC TCC TCC TCC	1 1 1 1 1 1 1
Lab Code Sample ID Sample Matrix Sample Date	533356AA G-14-2 Soil 8/2/2017	Result		Unit	LOD	LOQ Di	1	Method	Ext Date	Run Date	Analyst	Code
General		Result		O.III	BOD .	LUQ 5.	•		211121111			
General Solids Percent		80.0		%			Ī	5021		8/4/2017	NJC	1
Organic PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl et Naphthalene Toluene 1,2,4-Trimethylben 1,3,5-Trimethylben m&p-Xylene o-Xylene	ther (MTBE)		< 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.05 < 0.025	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	0.019 0.01 0.0079 0.022 0.014 0.01 0.011 0.012 0.015	0.06 0.032 0.025 0.07 0.046 0.032 0.036 0.037 0.047	1 1 1 1 1 1 1	GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021		8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017 8/9/2017	TCC TCC TCC TCC TCC TCC TCC TCC	1 1 1 1 1 1

Project Name ELLIS HAND CAR WASH

Project Name ELLIS HAND CAR WASH
Project #
Lab Code 533356BB
Sample ID G-17-1
Sample Matrix Soil
Sample Date 8/2/2017

Sample Date 6/2/2017										
	Result	Unit	LOD L	.OQ D	il	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	l
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		.025 mg/kg	0.022	0.07	ì	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	i	GRO95/8021		8/10/2017	TCC	J
1,3,5-Trimethylbenzene	0.041	mg/kg	0.011	0.036	[	GRQ95/8021	-	8/10/2017	TCC	1
m&p-Xylene	< 0		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
	×C									

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

5.2.2.2.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.										
	Result	Unit	LOD L	OQ D	il	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	I
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	I
Naphthalene	1.52	mg/kg	0.044	0.14	2	GRO95/8021		8/10/2017	TCC	l
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	I
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	]
o-Xylene	0.066 "J"	mg/kg	0.03	0.094	2	GRO95/8021		8/10/2017	TCC	]

Project Name **ELLIS HAND CAR WASH** Project # Lab Code 533356DD Sample ID G-19-1 Sample Matrix Soil Sample Date 8/2/2017 Ext Date Run Date Analyst LOD LOQ Dil Method Code Unit Result General General 5021 8/4/2017 NJC ı Solids Percent 84.5 % Inorganic Metals 1 49 Lead, Total 2 6010B 8/10/2017 CWT 30.9 mg/Kg 0.34 1.16 Organic PVOC + Naphthalene 8/10/2017 TCC 0.06 GRO95/8021 1 Benzene 0.0286 "J" mg/kg 0.019 Ì GRO95/8021 8/10/2017 TCC 0.01 0.032 Ethylbenzene < 0.025 mg/kg 1 GRO95/8021 8/10/2017 TCC 1 Methyl tert-butyl other (MTBE) < 0.025 mg/kg 0.0079 0.025 GRO95/8021 8/10/2017 TCC < 0.025 0.022 0.07 Naphthalene mg/kg 8/10/2017 GRO95/8021 TCC 1 Toluene < 0.025 mg/kg 0.014 0.046 1 GRO95/8021 8/10/2017 TCC 0.01 0.032 1,2,4-Trimethylbenzene mg/kg < 0.025 GRO95/8021 TCC 1,3,5-Trimethylbenzene 0.0274 "J" mg/kg 0.011 0.036 1 8/10/2017 1 0.012 0.037 GRO95/8021 8/10/2017 TCC Ι 0.067 m&p-Xylene mg/kg GRO95/8021 8/10/2017 TCC 1 o-Xylene < 0.025 mg/kg 0.015 0.0471 Lab Code 533356EE Sample ID G-19-2 Sample Matrix Soil Sample Date 8/2/2017 **LOD LOQ Dil** Method Ext Date Run Date Analyst Result Unit General General 5021 8/4/2017 NJC ı Solids Percent 79.8 % Organic PVOC + Naphthalene 8/10/2017 7.9 0.095 0.3 5 GRO95/8021 TCC Benzene mg/kg 0.16 GRO95/8021 8/10/2017 TCC 1 Ethylbenzene 0.45 mg/kg 0.055 < 0.125 mg/kg 0.0395 0.125 5 GRO95/8021 8/10/2017 TCC 1 Methyl tert-butyl ether (MTBE) 5 GRO95/8021 8/10/2017 TCC 0.710.11 0.35 1 Naphthalene mg/kg mg/kg TCC Toluene 0.292 0.07 0.23 5 GRO95/8021 8/10/2017 1 8/10/2017

0.05

0.055

0.075

0.06

< 0.125

< 0.125

0.89

1.55

mg/kg

mg/kg

mg/kg mg/kg

1,2,4-Trimethylbenzene

1,3,5-Trimethylbenzene

m&p-Xylene

o-Xylene

0.16 5

0.18 5

0.185

0.235

5

5

GRO95/8021

GRO95/8021

GRO95/8021

GRO95/8021

TCC

TCC

TCC

TCC

8/10/2017

8/10/2017

8/10/2017

1

1

1

1

Project Name E Project #	ELLIS HANI	D CAR \	WASH				Invoi	ce# E3335	56		
Lab Code Sample ID Sample Matrix Sample Date	533356FF G-20-1 Soil 8/2/2017	Result		Unit	LOD L	OQ Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General Solids Percent		91.1		%		ì	5021		8/4/2017	NJC	1
Inorganic											
Metals					0.24		(0100		8/10/2017	CWT	1 49
Lead, Total		7.31		mg/Kg	0.34	1.16 2	6010B		0/10/2017	C. W 1	1 47
Organic	. r . r										
PVOC + Naph	thalene	0.05			0.019	0.06 1	GRO95/8021		8/10/2017	TCC	1
Benzene Ethylbenzene		0.95 0.169		mg/kg mg/kg	0.019	0.032	GRO95/8021		8/10/2017	TCC	1
Methyl tert-butyl et	her (MTRE)	0.109	< 0.025	mg/kg	0.0079	0.025	GRO95/8021		8/10/2017	TCC	1
Naphthalene	ner (WITBL)	0.073	. 0.025	mg/kg	0.022	0.07	GRO95/8021		8/10/2017	TCC	1
Toluene		0.073	< 0.025	mg/kg	0.014	0.046 1	GRO95/8021		8/10/2017	TCC	l
1,2,4-Trimethylben	zene	0.218		mg/kg	0.01	0.032	GRO95/8021		8/10/2017	TCC	1
1,3,5-Trimethylben		0.289		mg/kg	0.011	0.036	GRO95/8021		8/10/2017	TCC	1
m&p-Xylene		1.06		mg/kg	0.012	0.037	GRO95/8021		8/10/2017	TCC TCC	] ]
o-Xylene		0.273		mg/kg	0.015	0.047 1	GRO95/8021		8/10/2017	16.0	ı
Lab Code Sample ID	533356GG TRIP BLA										
Sample Matrix	Water										
Sample Date	8/2/2017										
•		Result	t	Unit	LOD L	OQ Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naph	thalene										
Benzene			< 0.17	ાહ/I	0.17	0.55 I	8260B		8/10/2017	CJR	ì
Ethylbenzene			< 0.2	ug/l	0.2	0.63 I	8260B		8/10/2017	CJR CJR	i 1
Methyl tert-butyl e	ther (MTBE)		< 0.82	ug/l	0.82	2.6	8260B		8/10/2017 8/10/2017	CJR CJR	1
Naphthalene			< 2.17	ug/l	2.17	6.9 1 2.13 1	8260B		8/10/2017	CJR	i
Toluene			< 0.67	ug/l	0.67	2.13 1 3.63 I	8260B 8260B		8/10/2017	CJR	i
1.2,4-Trimethylber			< 1.14	ug/l	1.14 0.91	۱ ده.د 2.9 I	8260B		8/10/2017	CJR	i
1,3,5-Trimethylber	nzene		< 0.91 < 1.56	ug/l ug/l	1.56	4.95 1	8260B		8/10/2017	CJR	ì
m&p-Xylene			< 0.39	ug/1 ug/1	0.39	1.25	8260B		8/10/2017	CJR	1
o-Xylene			. 0.57		~·						

Project # Lab Code 533356HH Sample ID G-1-W Sample Matrix Water Sample Date 8/1/2017 Ext Date Run Date Analyst Code LOD LOO Dil Method Unit Result Organic PVOC + Naphthalene 8.5 27.5 50 8260B 8/10/2017 CJR Benzene 1340 ug/l 8/10/2017 CJR 8260B 1 10 31.5 50 Ethylbenzene 2800 ug/l 8260B 8/10/2017 CJR ı 130 50 41 Methyl tert-butyl ether (MTBE) < 41 u⊵/l tig/i 108.5 345 50 8260B 8/10/2017 CJR 1 640 Naphthalene 8/10/2017 CJR 1 106.5 50 8260B 520 33.5 Toluene ug/l CJR 8/10/2017 ł ug/l 57 181.5 50 8260B 2980 1.2.4-Trimethylbenzene 8/10/2017 CJR I 50 8260B 45.5 145 1,3.5-Trimethylbenzene 840 ug/l CJR 8/10/2017 1 7100 ug/l 78 247.5 50 8260B m&p-Xylene 62.5 8/10/2017 CJR ĺ 50 8260B 19.5 o-Xylene 152 ug/l Lab Code 53335611 G-2-W Sample ID Sample Matrix Water Sample Date 8/2/2017 Ext Date Run Date Analyst Code Result Unit LOD LOQ Dil Method Organic PVOC + Naphthalene CJR 0.17 0.55 1 8260B 8/9/2017 ı 24.9 ug/l Benzene 8/9/2017 CJR 8260B 1 0.2 0.63 Ethylbenzene 3.8 ug/l -1 CJR < 0.82 0.82 2.6 1 8260B 8/9/2017 ŧ Methyl tert-butyl ether (MTBE) ug/l 6.9 8/9/2017 CJR ļ 8260B 2.17 1 Naphthalene < 2.17 ug/l 8/9/2017 CJR 5.0 ug/l 0.67 2.13 I 8260B 1 Toluene 8260B 8/9/2017 CJR ] 2.29 "J" 3.63 1.14 1 1,2,4-Trimethylbenzene ug/l CJR 1 8/9/2017 8260B 1.46 "J" ug/l 0.91 2.9 1 1.3.5-Trimethylbenzene 1.56 4.95 8260B 8/9/2017 CJR 1 1 m&p-Xylene 11.9 ug/l 8/9/2017 CJR 1 o-Xylene 0.81 "J" ug/l 0.39 1.25 1 8260B 533356JJ Lab Code G-3-W Sample ID Sample Matrix Water Sample Date 8/1/2017 Unit LOD LOQ Dil Method Ext Date Run Date Analyst Code Result Organic PVOC + Naphthalene 0.55 8260B 8/10/2017 CJR Į 0.17 1 3.3 ug/l Benzene 8/10/2017 CJR 0.63 8260B ŧ Ethylbenzene 6.2 ug/l 0.2 1 8260B 8/10/2017 CJR 1 < 0.820.82 2.6 1 Methyl tert-butyl ether (MTBE) ug/i 8/10/2017 CJR 1 8260B 6.9 Naphthalene < 2.17ug/l 2.17 1 1.27 "J" 0.67 2.13 Į 8260B 8/10/2017 CJR 1 ug/l Toluene CJR 8/10/2017 1

**ELLIS HAND CAR WASH** 

Project Name

1.2.4-Trimethylbenzene

1,3,5-Trimethylbenzene

m&p-Xylene

o-Xylene

CJR

CJR

CJR

1

1

1

8/10/2017

8/10/2017

8/10/2017

3.63 1

2.9 1

4.95

1.25 1

1

1.14

0.91

1.56

0.39

< 1.14

< 0.91

< 0.39

3.8 "J"

ug/l

ug/l

ug/t

ug/l

8260B

8260B

8260B

8260B

Project Name E Project #	LLIS HANI	O CAR WASH			Invoi	ce # E33356	
Lab Code Sample ID Sample Matrix Sample Date	533356KK G <b>4</b> W Water 8/2/2017	Result	Unit	LOD LOQ Dil	Method	Ext Date Run Date Analyst	Code
Organic PVOC + Napht Benzene Ethylbenzene Methyl tert-butyl eth Naphthalene Toluene 1,2.4-Trimethylben: n&p-Xylene o-Xylene	ner (MTBE) zene zene	12.9 10.6 < 0.82 < 2.17 2.99 < 1.14 < 0.91 5.5 1.05 "J"	ස්වා ස්වා ස්වා ස්වා ස්වා ස්වා ස්වා	0.17	8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B	8/9/2017 CJR 8/9/2017 CJR 8/9/2017 CJR 8/9/2017 CJR 8/9/2017 CJR 8/9/2017 CJR 8/9/2017 CJR 8/9/2017 CJR 8/9/2017 CJR 8/9/2017 CJR	
Lab Code Sample ID Sample Matrix Sample Date	533356LL G-5-W Water 8/1/2017	Result	Unit	LOD LOQ Dil	Method	Ext Date Run Date Analyst	Code
Organic PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl et Naphthalene Toluene 1,2,4-Trimethylben 1,3,5-Trimethylben m&p-Xylene o-Xylene	her (MTBE) zene	< 0.17 < 0.2 < 0.82 < 2.17 < 0.67 < 1.14 < 0.91 < 1.56 < 0.39	n8\l n8\l n8\l n8\l n8\l n8\l n8\l	0.17	8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B	8/9/2017 CJR 8/9/2017 CJR 8/9/2017 CJR 8/9/2017 CJR 8/9/2017 CJR 8/9/2017 CJR 8/9/2017 CJR 8/9/2017 CJR 8/9/2017 CJR 8/9/2017 CJR	   1   1   1   1   1
Lab Code Sample ID Sample Matrix Sample Date	533356MN G-6-W Water 8/1/2017	A Result	Unit	LOD LOQ Dil	Method	Ext Date Run Date Analyst	Code
Organic PVOC + Napl Benzene Ethylbenzene Methyl tert-butyl e Naphthalene Toluene 1,2,4-Trimethylber 1,3,5-Trimethylber m&p-Xylene o-Xylene	ther (MTBE)	<1.7 <2 <8.2 <8.2 <21.7 <6.7 <11.4 <9.1 <15.6 <3.9	ពនិ/  ពនិ/  ពនិ/  ពនិ/  ពនិ/  ពនិ/	11.4 36.3 10 9.1 29 10 15.6 49.5 10	8260B 8260B 8260B 8260B 8260B 8260B	8/9/2017 CJR 8/9/2017 CJR	1 49 1 49 1 49 1 49 1 49 1 49 1 49 1 49

Project Name E Project #	ELLIS HANI	O CAR WASH				Invoice	# E3333	56		
Lab Code Sample ID Sample Matrix Sample Date	533356NN G-7-W Water 8/2/2017	Result	Unit	LOD LO	OO Dil	Method	Ext Date	Run Date	Analyst	Code
Organic PVOC + Napht Benzene Ethylbenzene Methyl tert-butyl eti Naphthalene Toluene 1,2,4-Trimethylben: ni&p-Xylene o-Xylene	her (MTBE) zene	0.29 "J"  < 0.2  < 0.82  < 2.17  < 0.67  < 1.14  < 0.91  < 1.56	ກອໄ  ກອໄ  ກອໄ  ກອີ\  ກອີ\  ກຣີ\	0.17 0.2 0.82 2.17 0.67 1.14 0.91 1.56 0.39	0.55   1   0.63   1   2.6   1   2.13   1   3.63   1   2.9   1   4.95   1   1.25   1	8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B		8/11/2017 8/11/2017 8/11/2017 8/11/2017 8/11/2017 8/11/2017 8/11/2017 8/11/2017	CJR	
Lab Code Sample ID Sample Matrix Sample Date	533356OO G-9-W Water 8/2/2017	Result	Unit	LOD L	OO Dil	Method	Ext Date	Run Date	Analyst	Code
Organic PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl et Naphthalene Toluene 1,2,4-Trimethylben 1,3,5-Trimethylben m&p-Xylene o-Xylene	ther (MTBE) zene	0.35 "J" < 0.2 < 0.82 < 2.17 < 0.67 < 1.14 < 0.91 < 1.56 < 0.39	n&\  n&\  n&\  n&\  n&\  n&\	0.17 0.2 0.82 2.17 0.67 1.14 0.91 1.56 0.39	0.55   0.63   1   2.6   1   2.13   1   3.63   1   2.9   1   4.95   1   1.25   1	8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B		8/11/2017 8/11/2017 8/11/2017 8/11/2017 8/11/2017 8/11/2017 8/11/2017 8/11/2017	CJR	1 1 1 1 1 1
Lab Code Sample ID Sample Matrix Sample Date	533356PP G-14-W Water 8/2/2017	Result	Unit	LOD L	OQ Dil	Method	Ext Date	Run Date	Analyst	Code
Organic PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl e Naphthalene Toluene 1,2,4-Trimethylber 1,3,5-Trimethylber m&p-Xylene o-Xylene	ther (MTBE)	< 0.17 < 0.2 < 0.82 < 2.17 < 0.67 < 1.14 < 0.91 < 1.56 < 0.39	ug/l ug/l ug/l ug/l ug/l ug/l ug/l	0.17 0.2 0.82 2.17 0.67 1.14 0.91 1.56 0.39	0.55   1 0.63   1 2.6   1 6.9   3 2.13   1 3.63   1 2.9   1 4.95   1 1.25   1	8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B		8/11/2017 8/11/2017 8/11/2017 8/11/2017 8/11/2017 8/11/2017 8/11/2017 8/11/2017	CJR CJR CJR CJR CJR CJR CJR CJR CJR	1 1 1 1 1 1 1 1

Invoice # E33356 Project Name ELLIS HAND CAR WASH Project # 533356QQ Lab Code G-15-W Sample ID Sample Matrix Water Sample Date 8/2/2017 Ext Date Run Date Analyst LOD LOQ Dil Method Unit Result Organic PVOC + Naphthalene CJR 1 8260B 8/11/2017 0.17 0.55 Benzene < 0.17 ug/l 8/11/2017 CJR 8260B 0.2 0.63 l < 0.2 ug/l Ethylbenzene 8/11/2017 CJR 8260B 2.6 Methyl tert-butyl ether (MTBE) < 0.82 ug/l 0.82ł CJR 6.9 1 8260B 8/11/2017 2.17 < 2.17Naphthalene ug/l 8/11/2017 CJR 8260B 0.67 2.13 1 Toluene < 0.67 ug/l CJR 8/11/2017 3.63 1 8260B < 1.14 ug/l 1.14 1,2,4-Trimethylbenzene 8/11/2017 CJR 2.9 8260B 1 0.91 1,3,5-Trimethylbenzene < 0.91 ug/l CJR 8/11/2017 ug/l 1.56 4.95 ı 8260B < 1.56 m&p-Xylene 8/11/2017 CJR 8260B 1.25 0.39 1 o-Xylene < 0.39ug/l Lab Code 533356RR G-16-W Sample ID Sample Matrix Water Sample Date 8/2/2017 Ext Date Run Date Analyst Unit LOD LOQ Dil Method Result Organic PVOC + Naphthalene 8/11/2017 CJR 8260B 0.17 0.55 i 0.19 "J" ug/l Benzene 8/11/2017 CJR 0.63 8260B Ethylbenzene < 0.2 ug/l 0.2 1 8/11/2017 **CJR** 0.82 1 8260B ug/l 2.6 < 0.82Methyl tert-butyl ether (MTBE) 8/11/2017 CJR 6.9 8260B 1 Naphthalene < 2.17 ug/l 2.17 CJR 8/11/2017 ug/l 0.67 2.13 I 8260B < 0.67Toluene 8/11/2017 CJR 3.63 8260B 1,2,4-Trimethylbenzene < 1.14 ug/l 1.14 1 8/11/2017 CJR < 0.91 0.91 2.9 ł 8260B ແ໘/ 1.3,5-Trimethylbenzene 4.95 8260B 8/11/2017 CJR 1.56 1 < 1.56 ug/l m&p-Xylene 8/11/2017 CJR < 0.39 ug/l 0.39 1.25 1 8260B o-Xylene Lab Code 533356SS Sample ID G-17-W Sample Matrix Water

8/2/2017

Result

< 0.17

< 0.2

< 0.82

< 2.17

< 0.67

< 1.14

< 0.9i

< 1.56

< 0.39

Sample Date

PVOC + Naphthalene

Methyl tert-butyl ether (MTBE)

1,2,4-Trimethylbenzene

1,3,5-Trimethylbenzene

Organic

Benzene

Toluene

Ethylbenzene

Naphthalene

m&p-Xylene

o-Xylene

CJR

CJR

CJR

CJR

CJR

CJR

CJR

CJR

CJR

Ext Date Run Date Analyst

8/11/2017

8/11/2017

8/11/2017

8/11/2017

8/11/2017

8/11/2017

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LOD LOQ Dil

0.55

0.63 1

2.6

6.9

2.13

3.63

2.9

4.95

1.25

1

0.17

0.2

0.82

2.17

0.67

1.14

0.91

1.56

0.39

Unit

ug/l

ug/l

ug/l

ug/l

ug/l

ug/l

ug/l

ug/l

ug/l

Method

8260B

8260B

8260B

8260B

8260B

8260B

8260B

8260B

8260B

Project Name   E Project #	ELLIS HAND	CAR WASH			lnvo	ice# E3335	56	
Lab Code Sample ID Sample Matrix Sample Date	533356TT G-18-W Water 8/2/2017	Result	Unit	LOD LOQ Dil	Method	Ext Date	Run Date Analyst	Code
Organic	45-1							
PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl et Naphthalene Toluene 1,2,4-Trimethylben 1,3,5-Trimethylben m&p-Xylene o-Xylene	her (MTBE) zene	< 0.17 < 0.2 < 0.82 < 2.17 < 0.67 < 1.14 < 0.91 < 1.56 < 0.39	ແຮ້/] ແລ້/] ແລ້/] ແລ້/] ແລ້/] ເຄື/]	0.17	8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B		8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR	
Lab Code Sample ID Sample Matrix Sample Date	533356UU G-21-W Water 8/2/2017			AOD LOG BY	No. (b d	End Dada	Dun Data Analyst	Codo
Organic		Result	Unit	LOD LOQ Dil	Method	EXI Date	Run Date Analyst	Code
PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl e Naphthalene Toluene 1,2,4-Trimethylber 1,3,5-Trimethylber m&p-Xylene o-Xylene	ther (MTBE)	< 0.17 < 0.2 < 0.82 < 2.17 < 0.67 < 1.14 < 0.91 < 1.56 < 0.39	යවා! යවා! යවා! යවා! යවා! යවා! යවා!	0.17	8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B 8260B		8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR	1 1 1 1 1
Lab Code Sample ID Sample Matrix Sample Date	533356VV G-22-W Water 8/2/2017					E / D.A.	Dun Data Analyst	Codo
Organic		Result	Unit	LOD LOQ Dil	Method	Ext Date	Run Date Analyst	Code
PVOC + Napl Benzene Ethylbenzene Methyl tert-butyl e Naphthalene Toluene 1,2,4-Trimethylbe 1,3,5-Trimethylbe m&p-Xylene o-Xylene	ether (MTBE)	< 0.17 < 0.2 < 0.82 < 2.17 < 0.67 < 1.14 < 0.91 < 1.56 < 0.39	ភទិ/  កទិ/  កទិ/  ភទិ/  កទិ/  កទិ/	0.17	8260B 8260B 8260B 8260B 8260B		8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR 8/11/2017 CJR	1 1 1 1 1 1

Project Name ELLIS HAND CAR WASH
Project #

"3" Flag: Analyte detected between LOD and LOQ

Invoice # E33356

LOD Limit of Detection LOQ Limit of Quantitation

Code	Comment
1 49	Laboratory QC within limits.  Sample diluted to compensate for matrix interference.  CWT denotes sub-contract lab - Certification #445126660

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

**Authorized Signature** 

Michael Richer

## CHAIN OF JSTODY RECORD

Quote No.: Cab ID. # Account No. :

Sampler: (signeture)

Project #:

### Synergy

# 

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

Chain # Nº 312( o o Page Sample Handling Request

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

Report To:   Lead Ld   Millar   Invoice To:   Carolad   Millar   Invoice To:   Carolad   Millar   Compeny L/O   ME T CO	Project (Name / Location): 1/11/2   1/2 oct	Car Ward	46				A	Analysis Requested	sednes	De G				Other /	Other Analysis	
## Sample	Reports To: Dona Id Millar	Invoice To	Paral	( M: ((a)	•									, ~ · <del></del>		
## 2	Company New 16.00 Bootist Chard	Company	10 M	6700			- conjun				SC					
Mining of CAT States and Category and Catego	Address 2433 W Rockevelt Dr.	Address	709 G	1 7	なった	3		,		<u>1E</u>	IITOS					
With the tensor of the service of th	City State Zip M. 11, My her 111 5328	City State	フをJaiz	94	54603			-								
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Strong Strong Cuton         Comp Grab         Fittered Fittered No. of Type Preservation Comp Grab         Preservation Comp Grab         With Comp Grap Preservation Comp Grap Proposition Comp Grap Proposi	FAX	FAX			200				The American	łΑΝ	รกร	8 4직				<u> </u>
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CHAIN OF JSTODY RECORD

Synergy

Quota No.:

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

Chain # N2 312(

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

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### CHAIN OF JSTODY RECORD

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Account No. : # G14#

Project #:

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Page 3 of 5

Sample Handling Request

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# Environmental Lab, Inc.

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

Page 2 of 2 Chain # Nº

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### 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	1/2018 <b>Result</b>	Unit	LOD I	OQ Di	I	Method	Ext Date Run Dat	e Analyst	Code
Organic									
PVOC + Naphthaler			0.0005	0.02	,	GRO95/8021	3/22/2018	CJR	1
Benzene	< 0.0	125 mg/kg	0.0095	0.03	1	011071	•		,
Ethylbenzene	< 0.0	125 mg/kg	0.016	0.05	]	GRO95/8021	3/22/2018		I
Methyl tert-butyl ether (N	1TBE) < 0.0	25 mg/kg	0.011	0.034	1	GRO95/8021	3/22/2018	CJR	1
Naphthalene	< 0.0		0.022	0.07	1	GRO95/8021	3/22/2018	CJR	1
Toluene	< 0.0	-	0.013	0.041	1	GRO95/8021	3/22/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.0		0.019	0.06	Ī	GRO95/8021	3/22/2018	CJR	t
	< 0.0	<u> </u>	0.0096	0.031	1	GRO95/8021	3/22/2018	CJR	1
1,3,5-Trimethylbenzene		~ ~		0.042	1	GRO95/8021	3/22/2018		1
m&p-Xylene	< 0.0		0.013		1	•			i
o-Xylene	< 0.0	)25 mg/kg	0.0062	0.02	1	GRO95/8021	3/22/2018	CJR	1

Project Name Project #	ELLIS HANI	O CAR WASH				Invoi	<b>ce</b> # E3431	77		
Lab Code Sample ID Sample Matrix Sample Date	5034377B MW-5-2 Soil 3/14/2018									
•		Result	Unit	LOD L	OQ Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent		84.8	%		1	5021		3/20/2018	NJC	l
Organic										
PVOC + Napl	ithalene									
Benzene	itilatorio	0.179	mg/kg	0.0095	0.03	GRO95/8021		3/22/2018	CJR	Į.
Ethylbenzene		0.054	mg/kg	0.016	0.05 I	GRO95/8021		3/22/2018	CJR	I
Methyl tert-butyl e	ther (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	GRO95/8021		3/22/2018	CJR	i
Toluene		0.055	mg/kg	0.013	0.041	GRO95/8021		3/22/2018	CJR	1
1,2,4-Trimethylber	nzene	0.060 "J"	mg/kg	0.019	0.06	GRO95/8021		3/22/2018	CJR	1
1,3,5-Trimethylber	ızene	0.123	mg/kg	0.0096	0.031 1	GRO95/8021		3/22/2018	CJR	]
m&p-Xylene		0.079	mg/kg	0.013	0.042 1	GRO95/8021		3/22/2018	CJR	1
o-Xylene		0.043	mg/kg	0.0062	0.02 1	GRO95/8021		3/22/2018	CJR	]
Lab Code Sample ID Sample Matrix Sample Date	5034377C MW-3-3 Soil 3/15/2018									
		Result	Unit	LOD I	OQ Dil	Method	Ext Date	Run Date	Analyst	Code
General General Solids Percent		84.3	%		1	5021		3/20/2018	NJC	1
Organic PVOC + Napl	nthalene									
Benzene Ethylbenzene Methyl tert-butyl of Naphthalene Toluene 1,2,4-Trimethylbe 1,3,5-Trimethylbe m&p-Xylene 0-Xylene	ether (MTBE)	< 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.05 < 0.025	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	0.0095 0.016 0.011 0.022 0.013 0.019 0.0096 0.013 0.0062	0.03 1 0.05 1 0.034 1 0.07 1 0.041 1 0.06 1 0.031 1 0.042 1 0.02 1	GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021		3/22/2018 3/22/2018 3/22/2018 3/22/2018 3/22/2018 3/22/2018 3/22/2018 3/22/2018 3/22/2018	CJR CJR CJR CJR CJR CJR CJR CJR CJR CJR	

Project #	LLLI3 ITAN	D CAR WASH				******	23 13	, ,		
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General		Result	Unn	LOD	LOQ Dil	METHOR	Ext Date	Kun Date	Anaiyst	Couc
General										
Solids Percent		79.6	%		1	5021		3/20/2018	NJC	I
Organic										
PVOC + Naph	ıthalene									
Benzene Ethylbenzene Methyl tert-butyl e Naphthalene Toluene 1,2,4-Trimethylber 1,3,5-Trimethylber m&p-Xylene o-Xylene	ither (MTBE) nzene	1.42 0.32 < 0.025 2.36 0.253 0.26 0.41 0.92 0.295	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	0.0095 0.016 0.011 0.022 0.013 0.019 0.0096 0.013	0.03   1   0.05   1   1   1   1   1   1   1   1   1	GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021		3/22/2018 3/22/2018 3/22/2018 3/22/2018 3/22/2018 3/22/2018 3/22/2018 3/22/2018 3/22/2018	CJR	1 1 1 1 1 1 1
Lab Code Sample ID Sample Matrix Sample Date	5034377E MW-2-2 Soil 3/15/2018	Result	Unit	LOD	LOQ Dil	Method	Ext Date	Run Date	Analyst	Code
General		resuit	Omi	LOD .	204 2		2		·	
General Solids Percent		84.0	%		1	5021		3/20/2018	NJC	1
Organic PVOC + Napl	athalana									
Benzene Ethylbenzene Methyl tert-butyl e Naphthalene Toluene 1,2,4-Trimethylber 1,3,5-Trimethylber	ether (MTBE)	0.035 0.0308 "J" < 0.025 0.038 "J" 0.051 0.044 "J" 0.038	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	0.0095 0.016 0.011 0.022 0.013 0.019 0.0096	0.03 I 0.05 I 0.034 I 0.07 I 0.041 I 0.06 I 0.031 I	GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021		3/26/2018 3/26/2018 3/26/2018 3/26/2018 3/26/2018 3/26/2018 3/26/2018	CJR CJR CJR CJR CJR CJR CJR	1 1 1 1 1
m&p-Xylene o-Xylene		< 0.05 0.0287	mg/kg mg/kg	0.013 0.0062	0.042 1 0.02 1	GRO95/8021 GRO95/8021		3/26/2018 3/26/2018	CJR CJR	1 1

Project Name ELLIS HAND CAR WASH

Project Name   E Project #	ELLIS HANI	O CAR WASH				Invoi	<b>ce</b> # E3437	17		
Lab Code Sample ID Sample Matrix Sample Date	5034377F MW-2-3 Soil 3/15/2018	Result	Unit	LOD L	OQ Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General Solids Percent		83.3	%		1	5021		3/20/2018	NJC	ı
Organic PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl er Naphthalene Toluene 1,2,4-Trimethylben 1,3,5-Trimethylben m&p-Xylene o-Xylene Lab Code Sample ID Sample Matrix Sample Date	ther (MTBE) sizene solutione 5034377G MW-1-1	< 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.05 < 0.05	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	0.0095 0.016 0.011 0.022 0.013 0.019 0.0096 0.013 0.0062	0.03   1	GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021	Ext Date	3/23/2018 3/23/2018 3/23/2018 3/23/2018 3/23/2018 3/23/2018 3/23/2018 3/23/2018 3/23/2018	CJR	1 1 1 1 1 1 1 1
General General Solids Percent		86.7	%		1	5021		3/20/2018	NJC	1
Organic PVOC + Napl Benzene Ethylbenzene Methyl tert-butyl e Naphthalene Toluene 1,2,4-Trimethylbe 1,3,5-Trimethylbe m&p-Xylene o-Xylene	ether (MTBE)	33 86 <1.25 36 13.9 183 61 295 9.2	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	0.475 0.8 0.55 1.1 0.65 0.95 0.48 0.65	1.5 50 2.5 50 1.7 50 3.5 50 2.05 50 3 50 1.55 50 2.1 50	GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021		3/23/2018 3/23/2018 3/23/2018 3/23/2018 3/23/2018 3/23/2018 3/23/2018 3/23/2018	CJR CJR CJR CJR CJR CJR CJR CJR CJR	1 1 1 1 1 1 1 1 1

Project Name ELLIS HAND CAR WASH Project # Lab Code 5034377H Sample ID MW-1-2 Sample Matrix Soil Sample Date 3/15/2018 LOD LOO Dil Method Ext Date Run Date Analyst Code Result Unit General General Solids Percent 85.2 % 1 5021 3/20/2018 NJC ł Organic PVOC + Naphthalene 0.095 10 GRO95/8021 3/23/2018 CJR Benzene 5.0 0.3 mg/kg GRO95/8021 3/23/2018 CJR ì Ethylbenzene 0.70 mg/kg 0.16 0.5 10 GRO95/8021 3/23/2018 CJR Methyl tert-butyl ether (MTBE) < 0.25 0.11 0.34 10 mg/kg 0.44 "J" 10 GRO95/8021 3/23/2018 CJR t Naphthalene mg/kg 0.22 0.7Toluene 0.48 0.13 0.41 10 GRO95/8021 3/23/2018 CJR mg/kg GRO95/8021 3/23/2018 CJR ł 1,2,4-Trimethylbenzene 0.297 "J" mg/kg 0.19 0.6 10 0.096 GRO95/8021 3/23/2018 CJR 1,3,5-Trimethylbenzene 0.54 mg/kg 0.31 10 10 GRO95/8021 3/23/2018 CJR m&p~Xylene 3.4 mg/kg 0.13 0.42 Т o-Xylene 0.062 10 GRO95/8021 3/23/2018 CJR l < 0.25 0.2 mg/kg Lab Code 50343771 Sample ID MW-1-3 Sample Matrix Soil Sample Date 3/15/2018 LOD LOQ Dil Ext Date Run Date Analyst Code Result Unit Method General General 5021 3/20/2018 NJC 1 Solids Percent 84.5 % 1 Organic PVOC + Naphthalene GRO95/8021 3/23/2018 CJR 1 0.0095 0.03 Benzene < 0.025mg/kg 1 mg/kg 0.016 0.05 GRO95/8021 3/23/2018 CJR Ethylbenzene 0.0255 "J" Methyl tert-butyl ether (MTBE) < 0.025 0.011 0.034 GRO95/8021 3/23/2018 CJR 1 mg/kg 1 0.022 0.07 1 GRO95/8021 3/23/2018 CJR 1 Naphthalene 0.0293 "J" mg/kg GRO95/8021 3/23/2018 CJR 1 0.013 0.041Toluene < 0.025mg/kg 0.050 "J" 0.019 0.06 GRO95/8021 3/23/2018 CJR 1 1,2,4-Trimethylbenzene mg/kg

1,3,5-Trimethylbenzene

m&p-Xylene

o-Xylene

0.0294 "J"

< 0.025

0.099

mg/kg

mg/kg

mg/kg

0.0096

0.013

0.0062

0.031

0.042

0.02

1

1

3/23/2018

3/23/2018

3/23/2018

CJR

CJR

CJR

1

1

GRO95/8021

GRO95/8021

GRO95/8021

Project Name

ELLIS HAND CAR WASH

Project #

Lab Code Sample ID 5034377J

DRUM COMP

Sample Matrix Soil

Sample Date	3/15/2018	Result		Unit	LOD	LOQ	Di	<b>!</b>	Method	Ext Date	Run Date	Analyst	Code
General													
General Solids Percent		83.4		%				i	5021		3/20/2018	NJC	l
Inorganic													
Metals TCLP Lead			< 0.1	mg/l			0.1	ı	6010B		3/29/2018	ESC	1
Organic													
General Gasoline Range Or	ganies	92		mg/kg	1.6	5 5	.26	1	GRO95/8021		3/22/2018	CJR	1
TCLP TCLP Benzene			< 0.05	mg/l	0.0	15		ı	8260B		3/28/2018	ESC	ì
	Analyte detected	between L				 LOD Li	mit o	f De	tection	LOQ L	mit of Quantita	tion	

"J" Flag: Analyte detected between LOD and LOQ

\*\*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 Richer

### CHAIN OF JSTODY RECORD

Synergy

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

Quote No.:

Account No. : Project #: Sampler: (signature)

297 Chain # No Page

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

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Date: 3/20/8

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### 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

Project #

5034603A Lab Code Sample ID MW-4

Sample Matrix Water

Invoice#	E34603

Sample Date 5	5/7/2018	Result		Unit	LOD LO	OQ Di	1	Method	Ext Date	Run Date	Analyst	Code
Inorganic												
Metals												
Iron, Dissolved		0.15		mg/l	0.03	0.1	i	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	d	876		ug/L	4.2	13.8	1	200.7		5/16/2018	CWT	
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	j
Bromodichlorometha	ne		< 0.33	ug/l	0.33	1.06	1	8260B		5/11/2018	MJR	1
Bromoform	110		< 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	l
sec-Butylbenzene			< 0.79	ug/l	0.79	2.53	3	8260B		5/11/2018	MJR	1
n-Butylbenzene			< 0.71	ug/l	0.71	2.25	1	8260B		5/11/2018	MJR	ļ
Carbon Tetrachloride			< 0.31	ug/l	0.31	0.98	1	8260B		5/11/2018	MJR	i
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/i	0.26	0.83	1	8260B		5/11/2018	MJR	Į
1,2-Dibromo-3-chlore	onronane		< 2.96	ug/l	2.96	9.43	i	8260B		5/11/2018	MJR	ł
Dibromochlorometha			< 0.22	ug/l	0.22	0.69	ī	8260B		5/11/2018	MJR	1
			< 0.22	ug/l	0.7	2.22	i	8260B		5/11/2018	MJR	1
1,4-Dichlorobenzene			< 0.85	ug/i	0.85	2.7	í	8260B		5/11/2018	MJR	1
1,3-Dichlorobenzene			< 0.85	ug/l	0.86	2.74	í	8260B		5/11/2018	MJR	1
1,2-Dichlorobenzene			< 0.32		0.32	1.02	1	8260B		5/11/2018	MJR	1
Dichlorodifluorometl	nane			ug/l	0.32	0.78	1	8260B		5/11/2018	MJR	ī
1,2-Dichloroethane			< 0.25	ug/1	0.23	1.14	1	8260B 8260B		5/11/2018	MJR	ì
1,1-Dichloroethane			< 0.36	ug/l		1.14	1	8260B		5/11/2018	MJR	Ī
1,1-Dichloroethene			< 0.42	ug/l	0.42	1.54	ı	6400D		3/11/2010	141217	•

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

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

Sample Date 3/1/2010	Result	Unit	LOD I	LOQ Dil		Method	Ext Date	Run Date	Analyst	Code
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	_	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	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		5/11/2018	MJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		5/11/2018	MJR	l
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	i	8260B		5/11/2018	MJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		5/11/2018	MJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		5/11/2018	MJR	l
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		5/11/2018	MJR	l
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		5/11/2018	MJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		5/11/2018	MJR	l
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		5/11/2018	MJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		5/11/2018	MJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		5/11/2018	MJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		5/11/2018	MJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		- 5/11/2018	MJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	ı	8260B		5/11/2018	MJR	1
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	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B		5/11/2018	MJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		5/11/2018	MJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	l	8260B		5/11/2018	MJR	ĺ
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	ł	8260B		5/11/2018	MJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	ì	8260B		5/11/2018	MJR	i
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	ì	8260B		5/11/2018	MJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		5/11/2018	MJR	]
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		5/11/2018	MJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	l	8260B		5/11/2018	MJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		5/11/2018	MJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		5/11/2018	MJR	1
o-Xylene	< 0.29	ug/f	0.29	0.93	l	8260B		5/11/2018	MJR	l
SUR - 1,2-Dichloroethane-d4	105	REC %			1	8260B		5/11/2018	MJR	!
SUR - 4-Bromofluorobenzene	97	REC %			i	8260B		5/11/2018	MJR	I.
SUR - Dibromofluoromethane	111	REC %			1	8260B		5/11/2018	MJR	l
SUR - Toluene-d8	86	REC %			i	8260B		5/11/2018	MJR	l
Wet Chemistry										
General										
Nitrite Plus Nitrate, Dissolved	< 0.36	mg/l	0.36	1.15	1	353.2		5/22/2018	NJC	l
Sulfate, Filtered	132	mg/l	6.75	21.5	5	ASTM D516-		5/11/2018	NJC	1

Project Name ELLIS HAND CAR WASH

Project #

Lab Code 5034603B Sample ID MW-6 Sample Matrix Water

1,2,4-Trichlorobenzene

< 1.15

ug/l

Sample Date 5/7/2018 Ext Date Run Date Analyst Code LOD LOQ Dil Method Unit Result Inorganic Metals **CWT** 200.7 5/16/2018 1 0.03 0.1 1 Iron, Dissolved < 0.03 mg/i 5/11/2018 **CWT** 1 7421 0.9 3 l ug/L Lead, Dissolved < 0.95/16/2018 **CWT** ŧ 200.7 ug/L 4.2 13.8 1 1270 Manganese, Dissolved Organic VOC's 5/10/2018 CJR 8260B 0.71 1 < 0.22 0.22 ug/l Benzene CJR 5/10/2018 8260B 0.44 1.38 1 < 0.44 ug/l Bromobenzene 5/10/2018 CJR 8260B 1.06 1 < 0.33 ug/l 0.33 Bromodichloromethane 5/10/2018 CJR 8260B 0.45 1.44 1 ug/l < 0.45Bromoform 5/10/2018 CJR 1 8260B 0.25 0.8 < 0.25 ug/l tert-Butylbenzene 5/10/2018 CJR 1 8260B 0.79 2.53 sec-Butylbenzene < 0.79 ug/l 5/10/2018 CJR 1 8260B 0.712.25 < 0.71 ug/l n-Butylbenzene 5/10/2018 CJR 0.98 1 8260B 0.31 Carbon Tetrachloride < 0.31 ug/l 5/10/2018 CJR 8260B < 0.26 0.26 0.831 ug/l Chlorobenzene 5/10/2018 CJR 1.95 8260B 0.61 Chloroethane < 0.61 ug/l 8260B 5/10/2018 CJR I < 0.26 ug/l 0.26 0.82 Chloroform 5/10/2018 CJR ug/l 0.54 1.72 1 8260B < 0.54 Chloromethane 5/10/2018 CJR 8260B 1 < 0.31 ug/l 0.31 0.98 2-Chlorotoluene CJR 5/10/2018 0.83 1 8260B ug/l 0.26 < 0.26 4-Chiorotoluene 8260B 5/10/2018 CJR 9.43 1 2.96 1,2-Dibromo-3-chloropropane < 2.96 ug/l 5/10/2018 CJR 0.22 0.69 ì 8260B < 0.22 ug/l Dibromochloromethane 8260B 5/10/2018 CJR 2.22 1 0.7 1.4-Dichlorobenzene < 0.7 ug/l CJR 5/10/2018 < 0.85 ug/l 0.85 2.7 8260B 1,3-Dichlorobenzene 8260B 5/10/2018 CJR 2.74 l 0.86 < 0.86 ug/l 1.2-Dichlorobenzene 5/10/2018 CJR 8260B < 0.32 ug/l 0.32 1.02 ł Dichlorodifluoromethane CJR 0.25 0.78 1 8260B 5/10/2018 < 0.25 ug/l 1,2-Dichloroethane 5/10/2018 CJR 8260B < 0.36 ug/l 0.36 1.14 1,1-Dichloroethane 5/10/2018 CJR 0.42 1.34 8260B < 0.42 1,1-Dichloroethene ug/l 5/10/2018 CJR 8260B < 0.37 0.37 1.16 ug/l cis-1,2-Dichloroethene 5/10/2018 CJR 0.34 1.07 8260B ug/l trans-1.2-Dichloroethene < 0.348260B 5/10/2018 CJR 139 0.44 < 0.44 ug/l 1.2-Dichloropropane 5/10/2018 CJR 0.94 8260B < 0.3 ug/l 0.3 1,3-Dichloropropane CJR 1.01 8260B 5/10/2018 0.32 trans-1,3-Dichloropropene < 0.32 ug/l 5/10/2018 CJR 8260B 0.26 18.0 < 0.26 ug/l cis-1,3-Dichloropropene 5/10/2018 CJR 0.21 0.66 8260B < 0.21 ug/l Di-isopropyl ether 5/10/2018 CJR 8260B ug/l 0.34 1.09 < 0.34 EDB (1,2-Dibromoethane) CJR 5/10/2018 8260B 0.26 0.83 < 0.26 ug/l Ethylbenzene 5/10/2018 CJR 8260B 1.34 4.28 < 1.34 ug/l Hexachlorobutadiene CJR 5/10/2018 8260B 0.78 2.47 < 0.78 ug/i Isopropylbenzene 5/10/2018 CJR 8260B 0.24 0.76< 0.24 ug/l p-Isopropyltoluene CJR 5/10/2018 8260B 4.21 ug/l 1 32 Methylene chloride < 1.325/10/2018 CJR 8260B Methyl tert-butyl ether (MTBE) 0.89 < 0.28 ug/l 0.28 5/10/2018 CJR 8260B 2.1 6.65 < 2.1 ug/I Naphthalene 5/10/2018 CJR 1.95 8260B < 0.61 0.61n-Propylbenzene ug/l 5/10/2018 CJR 0.97 8260B 0.3 1,1,2,2-Tetrachloroethane < 0.3 ug/l 5/10/2018 CJR 8260B 1,1,1,2-Tetrachloroethane 0.35 1.13 < 0.35 ug/l 5/10/2018 CJR 8260B ug/{ 0.38 1.21 < 0.38 Tetrachloroethene 5/10/2018 CJR 8260B < 0.19 ug/l 0.19 0.6 1 Toluene 5/10/2018 CJR 3.67 1 8260B 1.15

Project Name

ELLIS HAND CAR WASH

Project #

Lab Code 5034603B Sample ID MW-6 Sample Matrix Water Sample Date

5/7/2018

	Result	Unit	LOD L	OQ Di	il	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	I
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	l	8260B		5/10/2018	CJR	I
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	I	8260B		5/10/2018	CJR	I
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	8.0	2.55	ł	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	l	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 %			ŀ	8260B		5/10/2018	CJR	ì
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 Project #

Lab Code

5034603C

MW-3

Sample ID MW-3
Sample Matrix Water Sample Date 5/7/2018

Sample Date	3/1/2018	Result	Unit	LOD L	OO Dil	Method	Ext Date	Run Date	Analyst	Code
Imanania		Kesuit	Omi	EQD D	OQ 2				•	
Inorganic										
Metals								5/1/2010	CWT	1
Iron, Dissolved		< 0.03	mg/l	0.03	0.1 1	200.7		5/16/2018	CWT	l
Lead, Dissolved		< 0.9	ug/L	0.9	3 1	7421		5/11/2018	CWT	l
Manganese, Disso	lveđ	1310	ug/L	4.2	13.8 1	200.7		5/16/2018	CWT	1
Organic										
VOC's										
		< 0.22		0.22	0.71 1	8260B		5/10/2018	CJR	1
Benzene		< 0.44	ug/l	0.44	1.38 1	8260B		5/10/2018	CJR	]
Bromobenzene		< 0.33	ug/l ug/l	0.33	1.06 1	8260B		5/10/2018	CJR	1
Bromodichlorome	tnane		_	0.33	1.44	8260B		5/10/2018	CJR	1
Bromoform		< 0.45 < 0.25	ug/l ug/l	0.45	0.8 1	8260B		5/10/2018	CJR	1
tert-Butylbenzene		< 0.79	ug/l	0.23	2.53 1	8260B		5/10/2018	CJR	1
sec-Butylbenzene		< 0.79	ug/l	0.71	2.25 1	8260B		5/10/2018	CJR	1
n-Butylbenzene		< 0.71	ug/l	0.71	0.98 1	8260B		5/10/2018	CJR	1
Carbon Tetrachlor	ide	< 0.26		0.26	0.83 I			5/10/2018	CJR	1
Chlorobenzene		< 0.26	ug/l	0.20	1.95			5/10/2018	CJR	1
Chloroethane		< 0.26		0.01	0.82			5/10/2018	CJR	1
Chloroform		< 0.54	ug/i ug/i	0.20	1.72 1			5/10/2018	CJR	1
Chloromethane		< 0.34	ug/l	0.31	0.98 1			5/10/2018	CJR	1
2-Chlorotoluene		< 0.26		0.26	0.83 1			5/10/2018	CJR	l
4-Chlorotoluene	1	< 2.96	_	2.96	9.43 1			5/10/2018	CJR	1
1,2-Dibromo-3-ch		< 0.22		0.22	0.69 1			5/10/2018	CJR	i
Dibromochlorome 1,4-Dichlorobenze		< 0.7	ug/l	0.7	2.22 1			5/10/2018	CJR	i
.,		< 0.85		0.85	2.7 l			5/10/2018	CJR	1
I,3-Dichlorobenze		< 0.86		0.86	2.74			5/10/2018	CJR	1
Dichlorodifluoron		< 0.32	•	0.32	1.02 1			5/10/2018	CJR	1
1,2-Dichloroethan		< 0.25		0.25	0.78 1	8260B		5/10/2018	CJR	1
1.1-Dichloroethar		< 0.36		0.36	1.14 1	8260B		5/10/2018	CJR	ŀ
1.1-Dichloroether		< 0.42	_	0.42	1.34 1			5/10/2018	CJR	i
cis-1.2-Dichloroe		< 0.37	-	0.37	1.16	8260B		5/10/2018	CJR	1
trans-1,2-Dichlore		< 0.34	_	0.34	1.07	8260B		5/10/2018	CJR	
1,2-Dichloroprops		< 0.44	_	0.44	1.39 J	8260B		5/10/2018	CJR	
1,3-Dichloroprop		< 0.3	ug/1	0.3	0.94 I	8260B		5/10/2018	CJR	1
trans-1,3-Dichlore		< 0.32	-	0.32	L.01 I	8260B		5/10/2018	CJR	
cis-1,3-Dichlorop		< 0.26	ug/l	0.26	0.81	8260B		5/10/2018	CJR	l
Di-isopropyl ethe		< 0.21		0.21	0.66 1			5/10/2018	CJR	l
EDB (1,2-Dibron		< 0.34	ug/l	0.34	1.09 1			5/10/2018	CJR	ì
Ethylbenzene	•	< 0.26	ug/l	0.26	0.83 1			5/10/2018	CJR	1
Hexachlorobutad	iene	< 1.34	ug/l	1.34	4.28 l			5/10/2018	CJR	!
Isopropylbenzene	:	< 0.78	ug/l	0.78	2.47 [			5/10/2018	CJR	
p-Isopropyitoluer		< 0.24	ug/l	0.24	0.76 1			5/10/2018	CJR	l
Methylene chlori		< 1.32	ug/i	1.32	4.21 1			5/10/2018	CJR	l
Methyl tert-butyl	ether (MTBE)	< 0.28	l/gu	0.28	0.89 1			5/10/2018	CJR	Ţ
Naphthalene		< 2.1	ug/l	2.1	6.65 1			5/10/2018	CJR	i
n-Propylbenzene		< 0.61		0.61	1.95 1			5/10/2018	CJR	1
1,1,2,2-Tetrachlo		< 0.3	ug/l	0.3	0.97 1			5/10/2018	CJR	1
1.1,1,2-Tetrachio	roethane	< 0.35	_	0.35	1.13 1			5/10/2018	CJR	l I
Tetrachloroethen		< 0.38	_	0.38	1.21 1			5/10/2018	CJR	1
Toluene		< 0.19	_	0.19	0.6 1			5/10/2018	CJR CJR	1
1,2,4-Trichlorobe	enzene	< 1.15	s ug/l	1.15	3.67	8260B		5/10/2018	CJK	ι

Project Name ELLIS HAND CAR WASH Project #

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

Sample Date	5/7/2018											_	
_		Result		Unit	LOD	LOQ	Dil		Method	Ext Date	Run Date	Analyst	Code
1.2.3-Trichloroben	zene.		< 1.71	ug/l	1.71	5.4	3	l	8260B		5/10/2018	CJR	I
1,1,1-Trichloroetha			< 0.33	ug/l	0.33	1.0	5	l	8260B		5/10/2018	CJR	ĺ
1,1,2-Trichloroetha			< 0.42	ug/l	0.42	1.3	2	i	8260B		5/10/2018	CJR	1
Trichloroethene (T			< 0.3	ug/l	0.3		4	I	8260B		5/10/2018	CJR	1
Trichlorofluoromet	,		< 0.35	ug/l	0.35			l	8260B		5/10/2018	CJR	l
1,2,4-Trimethylber			< 0.8	ug/l	0.8		5	1	8260B		5/10/2018	CJR	1
1,3,5-Trimethylber			< 0.63	ug/l	0.63		2	1	8260B		5/10/2018	CJR	1
Vinvl Chloride	120110		< 0.2	ug/l	0.2		5	I	8260B		5/10/2018	CJR	1
m&p-Xylene			< 0.43	ug/l	0.43			Ţ	8260B		5/10/2018	CJR	1
o-Xylene			< 0.49	ug/l	0.29			1	8260B		5/10/2018	CJR	1
SUR - Dibromoflu	oromothono	100	~ U.ZJ	REC %	0.23		-	1	8260B		5/10/2018	CJR	1
SUR - Toluene-d8		107		REC %				1	8260B		5/10/2018	CJR	1
SUR - 4-Bromoflu		98		REC %				1	8260B		5/10/2018	CJR	1
		99		REC %				t	8260B		5/10/2018	CJR	1
SUR - 1,2-Dichlor	oetnane-d4	99		NEC 70				•	02000				
Wet Chemistry													
General													
Nitrite Plus Nitrate	Dissolved		< 0.36	mg/l	0.36	5 1.1	5	1	353.2		5/22/2018	NJC	ì
Sulfate, Filtered	,, 2.0001100	52.6		mg/l	2.3	7 8.	6	2	ASTM D516-		5/11/2018	NJC	1

Project Name ELLIS HAND CAR WASH

Project #

Lab Code Sample ID 5034603D

MW-5 Sample Matrix Water Sample Date 5/7/2018

Sample Date	3///2010	D 14	T I 14	LOD LO	oo ba	Method	Ext Date	Run Date	Analyst	Code
		Result	Unit	LOD LC	ות אָל	Method	DAT DATE	rean Bare	1111111	•
Inorganic										
Metals										
Iron, Dissolved		< 0.03	mg/l	0.03	0.1 1	200.7		5/16/2018	CWT	1
•		< 0.9	ug/L	0.9	3 1	7421		5/11/2018	CWT	t
Lead, Dissolved	read	1590	ug/L	4.2	13.8 1	200.7		5/16/2018	CWT	1
Manganese, Dissol	veu	1390	ugre	*						
Organic										
VOC's									o.r.	
Benzene		0.35 "J"	ug/i	0.22	0.71 - 1	8260B		5/10/2018	CJR	!
Bromobenzene		< 0.44	ug/l	0.44	1.38 l	8260B		5/10/2018	CJR	1
Bromodichlorome	thane	< 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 l			5/10/2018	CJR	l 1-
sec-Butylbenzene		< 0.79	ug/l	0.79	2.53 1	8260B		5/10/2018	CJR	ŀ
n-Butylbenzene		< 0.71	ug/l	0.71	2.25 1			5/10/2018	CJR	1
Carbon Tetrachlor	ide	< 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 I			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			5/10/2018	CJR	l .
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	8260B		5/10/2018	CJR	1
1,2-Dibromo-3-ch	loropropane	< 2.96	ug/l	2.96	9.43 1	8260B		5/10/2018	CJR	1
Dibromochlorome		< 0.22	ug/l	0.22	0.69 1	8260B		5/10/2018	CJR	1
1.4-Dichlorobenze		< 0.7	ug/l	0.7	2.22 1	8260B		5/10/2018	CJR	1
1,3-Dichlorobenze		< 0.85	ug/l	0.85	2.7 i			5/10/2018	CJR	1
1,2-Dichlorobenze		< 0.86	ug/l	0.86	2.74 1			5/10/2018	CJR	1
Dichlorodifluoron		< 0.32	ug/l	0.32	1.02 1			5/10/2018	CJR	1
1,2-Dichloroethar		< 0.25	ug/l	0.25	0.78 I			5/10/2018	CJR	l .
1,1-Dichloroethar		< 0.36	ug/l	0.36	1.14 1			5/10/2018	CJR	t .
1.1-Dichloroether		< 0.42	ug/l	0.42	1.34 1			5/10/2018	CJR	1
cis-1.2-Dichloroe		< 0.37	ug/l	0.37	1.16 I			5/10/2018	CJR	1
trans-1.2-Dichlore	oethene	< 0.34	ນ <u>ອ</u> /l	0.34	1.07 1			5/10/2018	CJR	•
1.2-Dichloroprop		< 0.44	ug/l	0.44	1.39 1			5/10/2018	CJR	l I
1,3-Dichloroprop		< 0.3	ug/l	0.3	0.94 I			5/10/2018	CJR	
trans-1.3-Dichlor		< 0.32	ug/l	0.32	1.01			5/10/2018	CJR	i 1
cis-1,3-Dichlorop	ropene	< 0.26	ug/l	0.26	0.81			5/10/2018	CJR	-
Di-isopropyl ethe	r	< 0.21	ug/l	0.21	0.66 1			5/10/2018	CJR	i
EDB (1,2-Dibron	noethane)	< 0.34	ug/l	0.34	1.09 1			5/10/2018	CJR CJR	ľ
Ethylbenzene		< 0.26		0.26	0.83 1			5/10/2018		]
Hexachlorobutad	iene	< 1.34	ug/l	1.34	4.28 I			5/10/2018	CJR	1
Isopropylbenzene	:	< 0.78	ug/l	0.78	2.47 1			5/10/2018	CJR	i
p-isopropyitoluer		< 0.24	ug/l	0.24	0.76 1			5/10/2018	CJR	1
Methylene chlori		< 1.32	ug/l	1.32	4.21 1			5/10/2018	CJR	1
Methyl tert-butyl	ether (MTBE)	< 0.28	ug/l	0.28	0.89			5/10/2018	CJR CJR	1
Naphthalene		< 2.1	ug/l	2.1	6.65			5/10/2018	CJR	1
n-Propylbenzene		< 0.61		0.61	1.95			5/10/2018	CJR CJR	l
1,1,2,2-Tetrachlo		< 0.3	ug/l	0.3	0.97			5/10/2018	CJR	1
1,1,1,2-Tetrachlo		< 0.35	_	0.35	1.13 1			5/10/2018	CJR	i
Tetrachloroethen		< 0.38		0.38	1.21	-		5/10/2018	CJR	1
Toluene		< 0.19		0.19	0.6			5/10/2018 5/10/2018	CJR	1
1,2,4-Trichlorobe	enzene	< 1.15	i ug/l	1.15	3.67	8260B		3/10/2018	CJK	1

Project Name ELLIS HAND CAR WASH

Project #

Lab Code 5034603D Sample ID MW-5 Sample Matrix Water Sample Date 5/7/20

Sample Date 5/7/201	8									
	Result	Unit	LOD L	OQ D	il	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.7	l ug/l	1.71	5.43	1	8260B		5/10/2018	CJR	I
1,1,1-Trichloroethane	< 0.3	3 ug/l	0.33	1.05	1	8260B		5/10/2018	CJR	Ī
1,1,2-Trichloroethane	< 0.4	2 ug/l	0.42	1.32	1	8260B		5/10/2018	CJR	i
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		5/10/2018	CJR	Ĭ
Trichlorofluoromethane	< 0.3	5 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	ł
1,3,5-Trimethylbenzene	< 0.6	3 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	< 0.4	3 ug/l	0.43	1.38	1	8260B		5/10/2018	CJR	1
o-Xylene	< 0.2	9 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 %			l	8260B		5/10/2018	CJR	1
SUR - Dibromofluoromethane	e 102	REC %			1	8260B		5/10/2018	CJR	1
SUR - Toluene-d8	101	REC %			1	8260B		5/10/2018	CJR	l
Wet Chemistry										
General										
Nitrite Plus Nitrate, Dissolved	1 0.59 "J"	mg/l	0.36	1.15	l	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 Project #

ELLIS HAND CAR WASH

Lab Code

5034603E

Sample ID MW-2 Sample Matrix Water Sample Date 5/7/20 5/7/2018

•	Result	Unit	LOD LO	OO Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic	resun	Oiiii	LOD D	0 Q D.I.	iii ciii ca	Ext Butt	Run Date	Timaijst	Cour
Metals									
lron, Dissolved	0.04 "J"	mg/l	0.03	0.1 1	200.7		5/16/2018	CWT	]
Lead, Dissolved	< 0.9	ug/L	0.9	3 I	7421		5/17/2018	CWT	1
Manganese, Dissolved	1120	ug/l_	4.2	13.8 I	200.7		5/16/2018	CWT	1
Organic									
VOC's									
	<b>=</b> 0		0.00	0.21	00/00		*******	CIP	,
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	I
Bromoform	< 0.45	ug/l	0.45	1.44 1	8260B		5/10/2018	CJR	I
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8 1	8260B		5/10/2018	CJR	l
sec-Butylbenzene	1.06 "J"	ug/l	0.79	2.53 1	8260B		5/10/2018	CJR	l
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/i	0.26	0.82 1	8260B		5/10/2018	CJR	l
Chloromethane	< 0.54	ug/i	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	l
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	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	l
Dibromochloromethane	< 0.22	ug/l	0.22	0.69 1	8260B		5/10/2018	CJR	1
I,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	l i
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78 i 1.14 i	8260B 8260B		5/10/2018	CJR CJR	l 1
1,1-Dichloroethane	< 0.36	ug/l	0.36		8260B		5/10/2018		1
1,1-Dichloroethene	< 0.42 < 0.37	ug/l	0.42 0.37	1.34 t 1.16 t	8260B		5/10/2018 5/10/2018	CJR CJR	1
cis-1,2-Dichloroethene trans-1,2-Dichloroethene	< 0.37 < 0.34	ug/l	0.37	1.10 1	8260B		5/10/2018	CJR	i
1,2-Dichloropropane	< 0.44	ug/i	0.44	1.39 1	8260B		5/10/2018	CJR	1
1,3-Dichloropropane	< 0.34	ug/l ug/l	0.44	0.94 1	8260B		5/10/2018	CJR	i
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	0.32	0.81	8260B		5/10/2018	CJR	1
Di-isopropyl ether	< 0.20	ug/l	0.20	0.66 I	8260B		5/10/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/i ug/l	0.21	1.09 1	8260B		5/10/2018	CJR	1
Ethylbenzene	1.31	ug/l	0.26	0.83 I	8260B		5/10/2018	CJR	,
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28 I	8260B		5/10/2018	CJR	ı
Isopropylbenzene	7.7	ug/l	0.78	2.47 1	8260B		5/10/2018	CJR	l I
p-Isopropyltoluene	1.31	ug/l	0.74	0.76	8260B		5/10/2018	CJR	i I
Methylene chloride	< 1.32	ug/l	1.32	4.21 I	8260B		5/10/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	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	i I
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.01	0.97 1	8260B		5/10/2018	CJR	1
1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	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	8260B		5/10/2018	CJR	i
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67 1	8260B		5/10/2018	CJR	i
.,2,1 11101101000112010	- 1.13	~ <sub>6</sub> ,		5.5, 1			27.107.2010	00.1	•

Project Name ELLIS HAND CAR WASH

Project #

Lab Code5034603ESample IDMW-2Sample MatrixWaterSample Date5/7/2018

Sample Date 3/1/2018	Result	Unit	LOD L	OO Di	l	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	i	8260B		5/10/2018	CJR	1
	< 0.33	~	0.33	1.05	1	8260B		5/10/2018	CJR	1
1,1,1-Trichloroethane		~	0.42	1.32	i	8260B		5/10/2018	CJR	1
1,1,2-Trichloroethane	< 0.42	~	0.42	0.94	ı	8260B		5/10/2018	CJR	I
Trichloroethene (TCE)	< 0.3	ug/l		1.1	1	8260B		5/10/2018	CJR	ĭ
Trichlorofluoromethane	< 0.35	<del>-</del>	0.35		1	8260B		5/10/2018	CJR	i
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1			5/10/2018	CJR	i
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	I	8260B		5/10/2018	CJR	i
Vinyl Chloride	< 0.2	ug/i	0.2	0.65	I	8260B			CJR	i
m&p-Xylene	1.62	ug/l	0.43	1.38	1	8260B		5/10/2018		ı Z
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 %			i	8260B		5/10/2018	CJR	l
SUR - Toluene-d8	105	REC %			1	8260B		5/10/2018	CJR	l
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

Project #

Lab Code Sample ID 5034603F

MW-1 Sample Matrix Water

Sample Matrix water										
Sample Date 5/7/201	18									c 1
•	Result	Unit	LOD LO	JQ Di	l	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals			0.03	0.1	1	200.7		5/16/2018	CWT	i
Iron, Dissolved	0.04 "J"	mg/l	0.03	0.1	I	7421		5/17/2018	CWT	i
Lead, Dissolved	6.6	ug/L	0.9	3	-	200.7		5/16/2018	CWT	î
Manganese, Dissolved	1800	ug/L	4.2	13.8	1	200.7		3/10/2010	C	•
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	l
Bromoform	< 4.5		4.5	14.4	10	8260B		5/11/2018	CJR	1
tert-Butylbenzene	< 2.5		2.5	8	10	8260B		5/11/2018	CJR	ì
sec-Butylbenzene	< 7.9	***	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	-	2.6	8.3	10	8260B		5/11/2018	CJR	1
Chloroethane	< 6.1	-	6.1	19.5	10	8260B		5/11/2018	CJR	1
Chloroform	< 2.6		2.6	8.2	10	8260B		5/11/2018	CJR	i
Chloromethane	< 5.4		5.4	17.2	10	8260B		5/11/2018	CJR	1
2-Chlorotoluene	< 3.1		3.1	9.8	10	8260B		5/11/2018	CJR	1
4-Chlorotoluene	< 2.6	-	2.6	8.3	10	8260B		5/11/2018	CJR	1
1,2-Dibromo-3-chloropropan	- 4		29.6	94.3	10	8260B		5/11/2018	CJR	I
Dibromochloromethane	< 2.2		2.2	6.9	10	8260B		5/11/2018	CJR	i
1,4-Dichlorobenzene	< 7	ug/l	7	22.2	10	8260B		5/11/2018	CJR	1
1,3-Dichlorobenzene	< 8.5	_	8.5	27	10	8260B		5/11/2018	CJR	l
1,2-Dichlorobenzene	< 8.6		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	ŀ
1,2-Dichloroethanc	< 2.5	ug/l	2.5	7.8	10	8260B		5/11/2018	CJR	ì
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/I	3.7	11.6	10			5/11/2018	CJR	1
trans-1,2-Dichloroethene	< 3.4	ug/l	3.4	10.7	10			5/11/2018	CJR	•
1,2-Dichloropropane	< 4.4	l ug/l	4.4	13.9	10	8260B		5/11/2018	CJR	} 1
1.3-Dichloropropane	< 3	ug/l	3	9.4	10			5/11/2018	CJR	1
trans-1,3-Dichloropropene	< 3.2		3.2	10.1	10	8260B		5/11/2018	CJR CJR	i
cis-1,3-Dichloropropene	< 2.6	s ug/l	2.6	8.1	10			5/11/2018		i i
Di-isopropyl ether	< 2.1	Ç	2.1	6.6	10			5/11/2018	CJR CJR	1
EDB (1,2-Dibromoethane)	< 3.4		3.4	10.9	10			5/11/2018	CJR	1
Ethylbenzene	820	ug/l	2.6	8.3	10			5/11/2018	CJR	1
Hexachlorobutadiene	< 13	•	13.4	42.8	10	8260B		5/11/2018	CJR	i
lsopropylbenzene	22.2 "J"	ug/l	7.8	24.7	10			5/11/2018 5/11/2018	CJR	l l
p-Isopropyltoluene	2.7 "J"	ug/l	2.4	7.6	10			5/11/2018	CJR	1
Methylene chloride	< 13		13.2	42.1	10			5/11/2018	CJR	1
Methyl tert-butyl ether (MT			2.8	8.9	10			5/11/2018	CJR	i
Naphthalene	110	ug/l	21	66.5	10			5/11/2018	CJR	i
n-Propylbenzene	66	ug/i	6.1	19.5	10			5/11/2018	CJR	i
1,1,2,2-Tetrachloroethane	< 3	ug/l	3	9.7	10			5/11/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 3.:	_	3.5	11.3	10			5/11/2018	CJR	1
Tetrachloroethene	< 3.8	•	3.8	12.1	10			5/11/2018	CJR	i
Toluene	330	ug/l	1.9	6	10			5/11/2018	CJR	1
1,2,4-Trichlorobenzene	< 11	.5 ug/l	11.5	36.7	10	8260B		3/11/2010	~31X	•

Project Name ELLIS HAND CAR WASH

Project #

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

Sample Date	5/7/2018									S . S .	D 10 (	4 14	Codo
-		Result		Unit	LOD	LOQ	Di	]	Method	Ext Date		-	Code
1,2,3-Trichlorobena	zene		< 17.1	ug/l	17.1	54	.3	10	8260B		5/11/2018	CJR	1
1,1,1-Trichloroetha			< 3.3	ug/l	3.3	10	.5	10	8260B		5/11/2018	CJR	1
, ,			< 4.2	ug/l	4.2		.2	10	8260B		5/11/2018	CJR	t
1,1,2-Trichloroetha			< 3	ug/l			.4	10	8260B		5/11/2018	CJR	1
Trichloroethene (To			-	-	3.5		11	10	8260B		5/11/2018	CJR	1
Trichlorofluoromet		0.1.0	< 3.5	ug/l	3.5			10	8260B		5/11/2018	CJR	1
1,2,4-Trimethylben		810		ug/l	6.3	-	20	10	8260B		5/11/2018	CJR	1
1,3,5-Trimethylben	zene	255	_	ug/l	0.2	-	i.5	10	8260B		5/11/2018	CJR	1
Vinyl Chloride			< 2	ug/l	4 .	-			8260B		5/11/2018	CJR	1
m&p-Xylene		3060		ug/l	4.3		8.8	10			5/11/2018	CJR	1
o-Xylene		144		ug/i	2.9	7 5	0.3	10	8260B		5/11/2018	CJR	1
SUR - 1,2-Dichlore	oethane-d4	94		REC %				10	8260B		5/11/2018	CJR	1
SUR - 4-Bromoflu	orobenzene	95		REC %				10	8260B			CJR	,
SUR - Dibromoflu	oromethane	102		REC %				10	8260B		5/11/2018		,
SUR - Toluene-d8		105		REC %				10	8260B		5/11/2018	CJR	1
Wet Chemistry													
General											500,0010	NIC	1
Nitrite Plus Nitrate	. Dissolved		< 0.36	mg/l	0.3		15	1	353.2		5/22/2018	NJC	1
Sulfate, Filtered	•	34.0		mg/l	1.3	5 4	1.3	i	ASTM D516-		5/11/2018	NJC	1

Project Name ELLIS HAND CAR WASH

Project #

5034603G

Lab Code 503460
Sample ID TB
Sample Matrix Water
Sample Date 5/7/20 5/7/2018

Organic   Orga	oumple bate of 7.2010	Result	Unit	IOD IO	na or	Method	Ext Date	Run Date	Analyst	Code
Persons		Result	Onit	LOD LO	JQ DII	Michiga	DAT DATE	Run Date	7 kikaij St	Cour
Brombenzene										
Bromodenzene	VOC's									
Bromodenizane	Benzene	< 0.22	ug/l	0.22	0.71 1	8260B		5/11/2018	CJR	1
Bromodichromethane					1.38 1	8260B		5/11/2018	CJR	1
Bromoform						8260B		5/11/2018	CJR	1
Extra Day Denzence								5/11/2018	CJR	1
Sec-Bulylbenzene			_					5/11/2018	CJR	l
n-butybenzene	-		-					5/11/2018	CJR	1
Carbon Tetrachloride								5/11/2018	CJR	1
Chlorochenzene	•								CJR	1
Chloroethane								5/11/2018	CJR	1
Chloroform										i
Chloromethane			-						CJR	Į
2-Chlorotoluene										ì
4-Chlorotohuene			-							ı
1,2-Dibromo-3-chloropropane   2.96   ug/l   2.96   9.43   1   8260B   5/11/2018   CJR   1										i
Dibromochioromethane										i
1,4-Dichlorobenzene	,									
1,3-Dichlorobenzene										_
1,2-Dichlorobenzene	*									
Dichlorodifluoromethane	•									
1,2-Dichloroethane	•									-
1,1-Dichloroethane										-
1,1-Dichloroethene	•									-
Cis-1,2-Dichloroethene	•									-
trans-1,2-Dichloropropane										
1,2-Dichloropropane	•									-
1,3-Dichloropropane										
trans-1,3-Dichloropropene										-
Cis-  3-Dichloropropene   Co.26   ug/f   Co.26   0.81   1 8260B   S/11/2018   CJR   I										-
Di-isopropyle ether										i
EDB (1,2-Dibromoethane)   < 0.34   ug/l   0.34   1.09   1 8260B   5/11/2018   CJR   I Ethylbenzene   < 0.26   ug/l   0.26   0.83   1 8260B   5/11/2018   CJR   I Hexachlorobutadiene   < 1.34   ug/l   1.34   4.28   1 8260B   5/11/2018   CJR   I I I I I I I I I I I I I I I I I I										i
Ethylbenzene										i
Hexachlorobutadiene										i
Sopropy  Iboracene	<u> </u>									i
p-Isopropyltoluene										i
Methylene chloride										i
Methyl tert-butyl ether (MTBE)			_							i
Naphthalene			_							•
Naphtiache   Nap										•
1,1,2,2-Tetrachloroethane	•									-
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         0.35         1.1         1         8260B         5/11/2018         CJR         1										
Tetrachloroethene			_							,
Toluene										-
1,2,4-Trichlorobenzene			_							•
1,2,3-Trichlorobenzenc   1.71   ug/l   1.71   5.43   1 8260B   5/11/2018   CJR   1   1,1-Trichloroethane   < 0.33   ug/l   0.33   1.05   1 8260B   5/11/2018   CJR   1   1,1-Trichloroethane   < 0.42   ug/l   0.42   1.32   1 8260B   5/11/2018   CJR   1   1,1-Trichloroethane   < 0.33   ug/l   0.3   0.94   1 8260B   5/11/2018   CJR   1   1   1   1   1   1   1   1   1										•
1,1,1-Trichloroethane     < 0.33										-
1,1,2-Trichloroethane     < 0.42	, ,									•
Trichloroethene (TCE)       < 0.3       ug/l       0.3       0.94       l       8260B       5/11/2018       CJR       I         Trichlorofluoromethane       < 0.35	* *									•
Trichlorofluoromethane < 0.35 ug/l 0.35 1.1 1 8260B 5/11/2018 CJR 1	· ·		~							•
The motor determined the state of the state	` ,		_							•
1,2,4-Trimethylbenzene < 0.8 ug/l 0.8 2.55 1 8200B 5/11/2018 CJR 1			-							-
	1,2,4-Trimethylbenzene	< 0.8	ug/I	0.8	2,33 I	820013		3/11/2018	Cit	1

Project Name ELLIS HAND CAR WASH

Project #

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

Sample Date	5/7/2018										
		Result	Unit	LOD I	OO Di	1	Method	Ext Date	Run Date	Analyst	Code
1.2.6 Tui-mathadhan	****	< 0.63	ug/l	0.63	2	•	8260B		5/11/2018	CJR	1
1,3,5-Trimethylben	Zene	< 0.2		0.2	0.65	1	8260B		5/11/2018	CJR	1
Vinyl Chloride			ug/l	0.43	1.38	i	8260B		5/11/2018	CJR	1
m&p-Xylene		< 0.43	ug/l		0.93	1	8260B		5/11/2018	CJR	i
o-Xylene		< 0.29	ug/l	0.29	0.93				5/11/2018	CJR	1
SUR - Toluene-d8		106	REC %			i	8260B		5/11/2018	CJR	1
SUR - 1,2-Dichloro	ethane-d4	102	REC %			I	8260B				1
SUR - 4-Bromofluo	probenzene	93	REC %			1	8260B		5/11/2018	CJR	1
SUR - Dibromofluo		101	REC %			I	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 Richer

## CHAIN OF ISTODY RECORD

7	ľ	,
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- }		

Quote No.:

Account No.:

Project #:

Sampler, (signature)

### Synergy

# THE STATE OF THE S

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

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Chain #	

rage \_\_\_ or \_\_

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

X Normal Turn Around Sample Handling Request

Project (Name/Location): Ellis Hound Car Wash / Millumuka	allon; DIC T	and Care	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Z	Wordker					Ana	ASIS H	Analysis Requested	ted				U	Other Analysis	Analys	\$
Reports To: Donald Miller	A Miller		Involce	To:	Involce To: Denula	A HC				***************************************										
Company			Company	£ι	9/5	Z T	( <u>)</u>							S			7			
Address 2433 W. Ross Walt Dr	Rosseyalt	D.c.	Address	700	Address 709 Gillette	R 分	公. 头			le			31	יסרונ			57W		· · · · · · · · · · · · · · · · · · ·	
Chy State Zip Milly GAKERIN I 53209	Wanker WI	53209	City Star	7 dizei	City State Zip La. Crosse.	[\frac{1}{2}]' =	54603			(		(anternesson		ED &	(S.4		Fvi			
Phone		*	Phone			•				Sul,	35	o.Pierri orașe		END			W		AMERICAN STREET	
FAX	00000 Statistic employee the Statistic Constitution of the employee the Constitution of the Constitution o		FAX					Company of the Compan		15 Q	JEV		ЧAИ			MET	ľ			<u> </u>
Caption	Sample LD.	Collection Date Time	Comp Grab		Filtered No.	No. of	Sample Type	Preservation	M) ORG	M) ORE J GAB.	ITAATII B 8 JK	,CB ναμ (EE	000 + 000 (E	TATJU:	OC (EL	-BCBA	ساهرية ز		************	<u> </u>
7.00 H 20 C	M.WH	5-71915		7			Salt Salt	CHAIN Nak	3	عد [ 1		1	d E		-	8	1 ×	<u> </u>		COTTO VERT POARS AND ALLEGATION
Δ	ME-C	- 4ES		_	-			\ \ \ \		><	Proposition				><	$\geq$	. ~	ļ		
ð	MW-3	ار <u>د</u>			de la companya de la	Set of Person 2 of No. 5 State C. Bet additional Section	Ser de de de de la companya del companya del companya de la compan	COST		×					×	7	  ×			
Constitution of	MW-5	040								×			6.7		><	*	>			
3	7- MVM	9 <del>1</del> 69								× ×					メ	> <b>-</b> ≤	><		_	-
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9	42							ギガ			,				×					
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				(projectory)	·*************************************				*********											
					. N. 1765.W							074 20 E Co				<u></u>			-	
Comments/Special Instructions ("Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oll, Sludge etc.)	al Instructions (**	Specify ground	vater "GW	/, Drini	dng Water	"DW", Wit	aste Water	"WW", Soil "	S", Air	A, O∥	Sludg	e etc.}					,			
	*****	٠	مهد		Ç,		**	*****	ŧ	C	***		•	4.	Α	1	سمر :			

Las to send copy of report to METCO/Jason P. (Invoice to METCO) \* WE rates apply

\* Agent status

Time Date		Date: 5/4/18
Received By: (sign)		Time: Section of
		J-7-7
7:30 Am 5-8-18	<i>a</i>	4
Relinquidhed Byrtsigni)	8 1	Received in Laboratory By:
To be completed by receiving lab	od of Shipment, The Confee A	Hopon receipt X Yes Ale
sle Integrity	Mair	ersealthin

### 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# 5035035A Lab Code MW-4 Sample ID Sample Matrix Water

Sample Date 7/30/2018	Result	Unit	LOD LO	OQ Di	il	Method	Ext Date	Run Date	Analyst	Code
Inorganic				*						
Metals										
Lead, Dissolved	< 0.8	ug/L	0.8	2.7	I	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/i	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 Project#	ELLIS HANI	CAR WASH				Invoid	e# E3503	35		
Lab Code Sample ID Sample Matrix Sample Date	5035035B MW-6 Water 7/30/2018	Result	Unit	LOD LO	OO Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic		XXXXIII	· · · ·	202 -					•	
Metals Lead, Dissolved		< 0.8	ug/L	0.8	2.7 1	7421		8/7/2018	CWT	1
Organic PVOC + Nap	hthalene	1. 16								
Benzene Ethylbenzene Methyl tert-butyl Naphthalene Toluene 1,2,4-Trimethylbe 1,3,5-Trimethylbe m&p-Xylene o-Xylene	ether (MTBE)	< 0.22 < 0.53 < 0.57 < 1.7 < 0.45 < 0.73 < 0.75 < 1 < 0.58	ug/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l	0.22 0.53 0.57 1.7 0.45 0.73 0.75 1 0.58	0.69 1 1.69 1 1.82 1 5.38 1 1.45 1 2.33 1 2.39 1 3.17 1 1.84 1	GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021		8/13/2018 8/13/2018 8/13/2018 8/13/2018 8/13/2018 8/13/2018 8/13/2018 8/13/2018 8/13/2018	CJR	1 1 1 1 1 1 1
Lab Code Sample ID Sample Matrix Sample Date	5035035C MW-3 Water 7/30/2018	Result	Unit	LOD LO	OO Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic Metals					-			0.17.10010	CHE	
Lead, Dissolved Organic	hthalana	< 0.8	ug/L	0.8	2.7 1	7421		8/7/2018	CWT	1
PVOC + Nap Benzene Ethylbenzene Methyl tert-butyl Naphthalene Toluene 1,2,4-Trimethylbe 1,3,5-Trimethylbe m&p-Xylene o-Xylene	ether (MTBE)	3.4 1.42 "J" < 0.57 < 1.7 0.56 "J" < 0.73 < 0.75 < 1 < 0.58	ug/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l	0.22 0.53 0.57 1.7 0.45 0.73 0.75 1	0.69 1 1.69 1 1.82 1 5.38 1 1.45 1 2.33 1 2.39 I 3.17 I 1.84 1	GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021		8/13/2018 8/13/2018 8/13/2018 8/13/2018 8/13/2018 8/13/2018 8/13/2018 8/13/2018	CJR	1 1 1 1 1 1 1 1

Project Name ELLIS HAND CAR WASH Project # Lab Code 5035035D MW-5 Sample ID Sample Matrix Water Sample Date 7/30/2018 LOD LOQ Dil Method Ext Date Run Date Analyst Code Unit Result Inorganic Metals 7421 8/7/2018 CWT I Lead, Dissolved < 0.8 0.8 ug/L 2.7 1 Organic PVOC + Naphthalene 8/13/2018 CJR Benzene 0.22 0.69 GRO95/8021 ī 9.9 ug/l I 0.53 1.69 GRO95/8021 8/13/2018 CJR I Ethylbenzene < 0.53 1 ug/l GRO95/8021 8/13/2018 CJR Methyl tert-butyl ether (MTBE) < 0.57 ug/l 0.57 1.82 1 1 GRO95/8021 8/13/2018 CJR Naphthalene < 1.7 ug/l 1.7 5.38 GRO95/8021 0.47 "J" 8/13/2018 CJR 1 Toluene ug/l 0.45 1.45 1 2.33 GRO95/8021 8/13/2018 CJR 1 1,2,4-Trimethylbenzene < 0.73 ug/l 0.73 1 GRO95/8021 8/13/2018 CJR 1 1,3,5-Trimethylbenzene < 0.75 ug/l 0.75 2.39 1 m&p-Xylene ug/l 3.17 GRO95/8021 8/13/2018 CJR 1 < 1 1 1 8/13/2018 CJR 1 0.58 1.84 1 GRO95/8021 o-Xylene < 0.58 ug/l Lab Code 5035035E Sample ID MW-2 Sample Matrix Water Sample Date 7/30/2018 Unit LOD LOQ Dil Method Ext Date Run Date Analyst Code Result Inorganic Metals 0.8 7421 8/7/2018 **CWT** 1 Lead, Dissolved < 0.8 2.7 1 ug/L Organic PVOC + Naphthalene 29.3 0.22 0.69 1 GRO95/8021 8/13/2018 CJR 1 Benzene ug/l GRO95/8021 8/13/2018 CJR 0.53 1.69 1 1 Ethylbenzene 4.8 ug/l < 0.57 ug/l 0.57 1.82 GRO95/8021 8/13/2018 CJR 1 Methyl tert-butyl ether (MTBE) 5.38 GRO95/8021 8/13/2018 CJR 1 Naphthalene < 1.7 ug/l 1.7 Į 8/13/2018 0.45 1.45 GRO95/8021 CJR 1 Toluene 5.3 ug/l GRO95/8021 8/13/2018 CJR 1.75 "J" 2.33 1 0.73 1 1,2,4-Trimethylbenzene ug/l

0.75

0.58

1

ug/l

ug/l

ug/l

2.39

3.17

1.84 1

1

GRO95/8021

GRO95/8021

GRO95/8021

1,3,5-Trimethylbenzene

m&p-Xylene

o-Xylene

0.92 "J"

0.63 "J"

3.4

8/13/2018

8/13/2018

8/13/2018

CJR

CJR

CJR

1

1

1

Project Name   F Project #	ELLIS HANI	O CAR WASH	I			Invoi	ce# E3503	35		
Lab Code Sample ID Sample Matrix Sample Date	5035035F MW-1 Water 7/30/2018				00 P/I	<b></b>	E / D./	Down Dodge	A see brook	Codo
		Result	Unit	LOD LO	DQ DII	Method	Ext Date	Run Date	Anaiysi	Code
Inorganic Metals Lead, Dissolved		8.8	ug/L	0.8	2.7 1	7421		8/7/2018	CWT	1
Organic PVOC + Naph	thalene	0.0	-0-							
Benzene Ethylbenzene Methyl tert-butyl et Naphthalene Toluene 1,2,4-Trimethylben 1,3,5-Trimethylben m&p-Xylene o-Xylene	ther (MTBE) zene	2680 600 < 28.5 95 "J" 162 330 139 870 < 29	ug/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l	11 26.5 28.5 85 22.5 36.5 37.5 50	84.5 50 91 50 269 50 72.5 50 116.5 50 119.5 50 158.5 50	GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021		8/13/2018 8/13/2018 8/13/2018 8/13/2018 8/13/2018 8/13/2018 8/13/2018 8/13/2018	CJR	1 1 1 1 1 1 1 1 1
Lab Code Sample ID Sample Matrix Sample Date	5035035G TB Water 7/30/2018	Result	Unit	LOD L	OO Dil	Method	Ext Date	Run Date	Analyst	Code
Organic		Result							·	
PVOC + Naph Benzene Ethylbenzene Methyl tert-butyl e Naphthalene Toluene 1,2,4-Trimethylber 1,3,5-Trimethylber m&p-Xylene o-Xylene	ther (MTBE) izene izene	< 0.22 < 0.53 < 0.57 < 1.7 < 0.45 < 0.73 < 0.75 < 1 < 0.58 between LOD and	ug/i ug/l ug/l ug/l ug/l ug/l ug/l ug/l	0.22 0.53 0.57 1.7 0.45 0.73 0.75 1 0.58	0.69 1 1.69 1 1.82 1 5.38 1 1.45 1 2.33 1 2.39 1 3.17 1 1.84 1	GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021 GRO95/8021	LOQ L	8/13/2018 8/13/2018 8/13/2018 8/13/2018 8/13/2018 8/13/2018 8/13/2018 8/13/2018 8/13/2018	CJR	1 1 1 1 1 1 1 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 Richer

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

X Normal Turn Around Other Analysis Sample Handing Request Date: 8/5 Time Character No. **B-HCHA METALS** Page / of OF D ISM AOC (ESV 8560) NOC DM (EBV 254'5) SOSSENDED SOFIDS Received By: (sign) Analysis Requested Waste Water "WW", Soil "S", Air "A", Oil, Studge etc.) BCB Environmental Late Inc. PAH (EPA 8270) BSVEHD & NC 1990 Prospect Ct • Appleton, Wt 54914 920-830-2455 • FAX 920-733-0631 (\$6 des ONG pow) ONG Preservation er I CONFIDENCE LACOSSE. NET 54603 100 G/I/OHP 57,578 S Sample Type (Natrx) Š Season and about on Co. Phone (308 - 781 - 877) Contractive Contra Containers No. of Filtered 3 Comp Grati Address FAX の対象 Collection CHAIN OF THE COMPANIES City Same 21 Will Mill (1920, 1) Project (Name / Location) Sample LD. Comments Special Reports To. Por Sarricial? (etgrishure) ecount No. 9000

Site Investigation Report - METCO
Ellis Hand Car Wash
APPENDIX C/ WELL AND BOREHOLE DOCUMENTATION

pepartment of Natural Resources  Route To: SES Project Number 507.58	Watershed/Wastewater E Remediation/Redevelopn			Form 4400-113A	Rev. 7-98
acility/Project Name	Local Grid Location of Wel	1		Well Name	
Ellie 11 - d Car Wash	ft. 🗆 N.	ft.	□ E. □ W.	MWI	
Ellis Hand Car Wash Pacility License, Permit or Monitoring No.	☐ Nft. ☐ S. Grid Origin Location ☐ (	estimated: [])	Well Location	Wis. Unique Well No	. 1
uo	Lat		or	WA124	<u> </u>
acility ID			_ ft. E. S/C/N	Date Well Installed	5,7018
·	St. Planef Section Location of Waste/S	Source		Date Well Installed  O3 / m m d d  Well Installed By: N	TYVY
ype of Well	1/4 of 1/4 of		N.R D W		
Well Code/_mw	Location of Well Relative to	Waste/Source	Gov. Lot Number	Robert	Rector
Distance From Waste/ Enf. Stds.	u 🗆 Upgradient	s 🗆 Sidegradient		Soils & Enginee	orina Santices
Source ft. Apply	d 🗆 Downgradient	n 🗆 Not Known		Sons & Linginee	
A. Protective pipe, top elevation	ft. MSL		1. Cap and lock?	•	☐ Yes ☐
3 337-11 assistant on alexation	ft. MSL	-#□┡シ/	<ol><li>Protective cover p a. Inside diameter</li></ol>		0
5. 11 011 040 Mg, top 110 1			b. Length:	•	Tel
	ft. MSL		c. Material:		Steel 4
D. Surface seal, bottom ft. M	SL or ft.	15.26.2 (201.0)	0. 11111011111		Other [
10 HOOS 1 - S - d		L. Licologia	d. Additional prot	ection?	Yes [
12. USCS classification of soil near screen:  GP □ GM □ GC □ GW □	SW 🗆 SP 🗀	M	If yes, describe	<u></u>	
SM D SC D ML D MHD	CL CH CH	/// /// //			Bentonite [
Bedrock □			3. Surface seal:		Concrete 1
13. Sieve analysis attached?	<b>₽</b> No		<del> </del>		Other [
14. Drilling method used: Re	ntary 🗆 5 0		`4. Material between	well casing and prote	
Hollow Stem A	uger ■41	₩ ₩		Filler Sand	Bentonite [
	Other 🗆 🔼				
	1		- 5. Annular space sea	il: a. Granular/Ch	ipped Bentonite
10. <u>2 1</u>	Air 🗆 0 1		bLbs/gal n	nud weightBento	nite-sand slurry
Drilling Mud 🗀 0 3	None 99		cLbs/gal n	nud weight	Bentonite slurry 1
16. Drilling additives used?	■ No			nite Bentoni volume added for an	
10. Diming additives discu.			f. How installed		y of the above Tremie i
Describe			I. How histance		Tremie pumped
17. Source of water (attach analysis):					Gravity 1
·			6. Bentonite seal:	a. Be	ntonite granules
				3/8 in.  1/2 in.	Bentonite chips
E. Bentonite seal, top ft. M	SL or 2,9 ft.		c		Other
E. Bellionite seal, top			/	il: Manufacturer, pro	duct name and me
F. Fine sand, top ft. M.	SL or 219 ft.	<b>、</b>	<u> </u>	111 H15	
			b. Volume added		ft³
G. Filter pack, top ft. M	ISL or 3,5 ft.		8. Filter pack mater	ial: Manufacturer, pr	oduct name and m
			a. Red Fli	n+ #40	
H. Screen joint, top ft. M	ISL or 3.8 ft.		b. Volume added	213	ft³
			9. Well casing:		PVC schedule 40
I. Well bottom ft. M	ISL or 14.0 ft.			Flush threaded F	PVC schedule 80
				C. L. U. O. Din.	Other
J. Filter pack, bottom ft. N	ISL or 15,0 ft.			Sch.40 Pro	
	16 0		<ul><li>a. Screen Type:</li></ul>		Factory cut
	1SL or 15,0 ft.				Continuous slot Other
(If multiple diameters, note diameters and	to what depth for each diamet	eQ /////	1 36 64	Monoflex	Other
L. Borehole, diameter 7.6 in.		warener		MONTTIN	0.0
يم ـ			<ul><li>c. Slot size:</li><li>d. Slotted length</li></ul>	· ·	9.
M. O.D. well casing 2138 in.				ı: l (below filter pack):	None
N I D. well casing 2.04 in.				(below litter pack).	Other
N. I.D. well casingin.					

Firm Soils & Engineering Services, Inc. 1102 Stewart Street, Madison, Wisconsin 53713-4648 Fran & Breatuf 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, 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.

tate of Wisconsin epartment of Natural Resources Route To: SES Project Number 507.58	Remediation/RedevelopmentL	Waste Management ☐ ☐ Other ☐	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
acility/Project Name	Local Grid Location of Well		Well Name
	.ft. □ N.		MW2
Ellis Hand Car Wash acility License, Permit or Monitoring No.	Grid Origin Location (estim	ated:   )   Well Location	Wis. Unique Well No. DNR Well Number
·	Lat	Long or	Data Well Installed
acility ID	St. Plane ft. N, Section Location of Waste/Source	ft. E. S/C/N	Well Installed By: Name (first,last) and F
ype of Well	7		Well Installed By: Name (first, last) and F
Well Code 11 / MW	Location of Well Relative to Wa	, TN, R V ste/Source Gov. Lot Number	Robert Rector
Distance From Waste/ Enf. Stds. ource ft. Apply	u □ Upgradient s □	Sidegradient	Soils & Engineering Services, Ir
A. Protective pipe, top elevation		1 Can and lock?	☐ Yes ☐
		2. Protective cove	10
3. Well casing, top elevation	ft. MSL	a. Hiside dimine	.c.
C. Land surface elevation	ft. MSL <	b. Length:	<u> </u>
	10.	c. Material:	Steel 🖷
D. Surface seal, bottom ft. M	SL orft.		Other 🗆
12. USCS classification of soil near screen:	1,02 (1,02) 1,04	d. Additional pr	rotection? Yes 🗆 (
GP □ GM□ GC □ GW□		If yes, descri	be:
SM SC ML MH	CL CH CH		Bentonite 🗆
Bedrock []	——————————————————————————————————————	3. Surface seal:	Concrete
13. Sieve analysis attached? ☐ Yes	■ No		Other
•		4 Material between	en well casing and protective pipe:
	otary 🗆 5 0	3 🔯	Donto-ita 🗇
Hollow Stem A		l 🛭	ilter Sand Bentonite O
C	Other 🗆 🕮 📗 🖹	<b>──</b>	ilter Sand Other
		5. Annular space:	seal: a. Granular/Chipped Bentonite 🖶
15. Drilling fluid used: Water □ 0 2	Air □01	bLbs/ga	l mud weightBentonite-sand slurry
Drilling Mud □ 0 3 N	None <b>1 9</b> 9		l mud weight Bentonite slurry
· ·			tonite Bentonite-cement grout
16. Drilling additives used? ☐ Yes	■ No 📗		Ft <sup>3</sup> volume added for any of the above
		f. How install	<del>-</del>
Describe		1	Tremie pumped
17. Source of water (attach analysis):		· · · · · · · · · · · · · · · · · · ·	Gravity
			•
		6. Bentonite seal:	
		8	□ 3/8 in. □ 1/2 in. Bentonite chips □
E. Bentonite seal, top ft. M	SL or 3,0 ft.	C	Other 🗆
	\ X		rial: Manufacturer, product name and mesh s
F. Fine sand, top ft. M	SL or 3,0 ft.	■  / / a. Real	Fliat #15
	_ \ \	b. Volume add	edft <sup>3</sup>
G. Filter pack, top ft. M	SL or 3,5 ft.	8. Filter pack mat	terial: Manufacturer, product name and mesh
-	\ \ \\		11it #40
	SL or 4,9 ft.	b. Volume add	
H. Screen joint, top ft. M	SLOT II.	ai isai /	
	16.2	9. Well casing:	Flush threaded PVC schedule 40
I. Well bottom ft. M	SL or 15,2 ft.		Flush threaded PVC schedule 80
	166		Other
J. Filter pack, bottom ft. M	ISL or 15.5 ft.	10. Screen materia	al: Sch. 40 PVC
	<del>\</del>	a. Screen Typ	e: Factory cut
K. Borehole, bottom ft. M	ISL or 15,5 ft.		Continuous slot
			Other 🗆
	o what deput for each drameter	b. Manufactur	
(If multiple diameters, note diameters and to		`	0.010
L. Borehole, diameter fine in.		C SIOT 91741	
L. Borehole, diameter in.		c. Slot size:	
L. Borehole, diameters, note diameters and to L. Borehole, diameter 1.6 in.  M. O.D. well casing 2:38 in.		d. Slotted leng	gth: 9,7
L. Borehole, diameter in.		d. Slotted leng	

Signature

Firm Soils & Engineering Services, Inc.
1102 Stewart Street, Madison, Wisconsin 53713-4648

Fax: (608) 274-760

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, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. 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.

Department of Natural Resources  Route To:	Watershed/Wastewater ☐ Remediation/Redevelopment☐	Waste Manag Other □		MONITORING WEI Form 4400-113A		
SES Project Number 507.58  Facility/Project Name	I ocal Grid Location of Well			Well Name		
Ellis Hand Car Wash	N.   N.   S.   Grid Origin Location   (estimat	A. 🖯	E.	MW3		
Facility License, Permit or Monitoring No.	Grid Origin Location (estimat	ed:   )	Well Location	Wis. Unique Well No.	DNR Well No	umber
	Lat Lo			WA126		
Facility ID		-		Date Well Installed		
•	St. Plane ft. N, Section Location of Waste/Source		II. E. 3/C/N	03/15	12018	<del>.</del>
Type of Well			□E	Well Installed By: Na	me (first,last) a	and Fir
Well Code//	1/4 of 1/4 of Sec Location of Well Relative to Waste	, TN	ov. Lot Number	Robert R		
Distance From Waste/ Enf. Stds.		Sidegradient	ov. Lot number			-
Source ft. Apply	J D Downwardiant n D 1	Mat Known		Soils & Engineer	ing Service:	s, Inc
A. Protective pipe, top elevation	ft MSL	1.	Cap and lock?	<u>,</u>	☐ Yes	□N
		2.	Protective cover p	oipe:		
B. Well casing, top elevation	ft. MSL	11.>	a. Inside diameter		10	<u> </u>
C. Land surface elevation	ft. MSL <		b. Length:		_(,	L ft
D. Surface seal, bottom ft. MS	<b>\</b>	16.26.31	c. Material:		Steel	
	SL OF IL.					
12. USCS classification of soil near screen:	- Markey Carlo	- ANCENIENCE	d. Additional prot		Yes	
	SW C SP C		If yes, describe	;		
SM□ SC□ ML□ MH□ Bedrock□	CL CH CH	3.	Surface seal:		Bentonite	
	■ No				Concrete	<b>₽</b> 0
13. Sieve analysis attached? ☐ Yes	- I IXX	₩ \.	No. 131 .			
14. Drilling method used: Ro	tary 150	4.		well casing and protect		
Hollow Stem A	lger ■41		F.He	ersand	Bentonite	⊔ 3 <u>%</u>
O	ary 50 ager 41 ther 01 one 199					
15. Drilling fluid used: Water 02	Air CI01	IXXI	· <del>-</del>	al: a. Granular/Chip	-	
Drilling Mud □ 0.3 N	one P99			nud weightBentoni nud weight Be		
Diming Mad Ca 03 1.				nite Bentonite		
16. Drilling additives used? ☐ Yes	<b>■</b> No			volume added for any		
		KXXI	f. How installed		Tremie	
Describe				Tr	remie pumped	
17. Source of water (attach analysis):					Gravity	
		₿ 6	. Bentonite seal:	a. Bente	onite granules	□ 3
		<b>×</b>	b. 🗆 1/4 in. 🗆		entonite chips	
E. Bentonite seal, top ft. MS	Lor <u>2.5</u> ft.		C		Other	
	. \	7 / 🕅		il: Manufacturer, produ	ct name and m	esh si
F. Fine sand, top ft. MS	Lor 2.5 ft.		a. Red Fli	At #15		
· •			b. Volume added	0.3	ft³	
G. Filter pack, top ft. MS	Lor 3,6 ft.	.8		ial: Manufacturer, prod	uct name and n	nesh s
			a Red Fli	计 440		
H. Screen joint, top ft. MS	Lor 3,9 ft.		b. Volume added		ft³	
		<b>]</b>	. Well casing:	Flush threaded PV	C schedule 40	2
I. Well bottom ft. MS	Lor 14,2 ft.	333		Flush threaded PV	C schedule 80	□ 2
					Other	
J. Filter pack, bottom ft. MS	Lor 19,0 ft.	劃10	. Screen material:	Schi40 PVC		
	7///		a. Screen Type:		Factory cut	1
K. Borehole, bottom ft. MS	SL or 15,0 ft.			C	ontinuous slot	
(If multiple diameters, note diameters and to	what depth for each diameter)	<b>//</b>		.A. F.1	Other	
L. Borehole, diameter 7.6 in.	-	///2 <b>X</b>		Monoflex	<del> </del>	
			c. Slot size:		00	010;

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

Signature

2138 in.

2.04 in

M. O.D. well casing

N. I.D. well casing

Firm Soils & Engineering Services, Inc.

1102 Stewart Street, Madison, Wisconsin 53713-4648

d. Slotted length:

11. Backfill material (below filter pack):

Tel: (608) 274-760 Fax: (608) 274-751

None 🗷 14

Other 🗆 🕮

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/Wa			nagement [		MONITORING V Form 4400-113A		
SES Project Number	Remediation/R	tedevelopment	Other 🗌			Well Name	Rev. 1-90	
Facility/Project Name	Local Grid Locat	ion of Well □ N		ПΕ.		1		
Ellis Hand Car Wash Facility License, Permit or Monitoring No.	Grid Origin Loca	ft. 🗆 s	fl	- 🗀 W		MW4 Wis. Unique Well	No TONIO Wall No	umbor
Facility License, Permit or Monitoring No.	Grid Origin Loca	tion [ ] (estimat	ed: 🔲 )	wen Lo	ocanon [_]	1 - :		шиоет
	Lat					Date Well Installed		
Facility ID	St. Plane	ft. N,		ft. E.	S/C/N			
	Section Location	of Waste/Source				Well Installed By:	Name (first last) a	nd Eiro
Type of Well	1/4 of	1/4 of Sec	. T	N. R	D W			na cha
Well Code//	Location of Well	Relative to Wast	e/Source	Gov. Lot	Number	70007	Rector	
Distance From Waste/ Enf. Stds.	u 🗆 Upgradie	ent s □	Sidegradient			Soile & Engine	eering Service:	e Inc
Source ft. Apply	d 🗆 Downgra	adient n 🗆	Not Known			Sons & Engine	<u> </u>	
A. Protective pipe, top elevation	ft. MSL	<del>-</del> -	<b>⋽</b> 1	– 1. Cap ar		4	☐ Yes	⊔ No
	ft. MSL				tive cover p	_	10	<b>.</b>
21 412 4-422-01 F					de diameter	<del>.</del>		in.
C. Land surface elevation	ft. MSL	<u> </u>		b. Len	_			∠⊑π. ■ 04
D. Surface seal, bottom ft. MS	9 0. 1 TO B	7.27	<b>原源</b>	c, Mat	eriai:			
<u></u>	3D 01 12		N XEE	<u> </u>	litional prot	tration?		
12. USCS classification of soil near screen:				a. Add	nnonai proi	:	163	- 600
01 = 01.12 +	SW   SP			п у	es, describe		Bentonite	- 
SM □ SC □ ML□ MH□ Bedrock □	CL R CH	<b>\ \ \ \</b>		3. Surfac	e seal:			
	ED NI.					·	Concrete	
13. Sieve analysis attached?	■ No		`	\		well casing and pro		است لا
- · · · · · · · · · · · · · · · · · · ·	tary 🛚 50	\						П 3
Hollow Stem A	ıger ■41				Filter	Sand	Other	
C	ther 🗆 🖺							
		l 🔯	<b>X</b>		•	al: a, Granular/C		
	Air □01					nud weight Ben		
Drilling Mud □ 0 3 N	lone <b>299</b>					nud weight		
16. Drilling additives used? ☐ Yes	■ No					nite Bento		⊔ 3
10. Diffing additives used:	<b>2</b> 110	!				volume added for a	=	_ ^
Describe		i		f. H	ow installed	1:	Tremie	
17. Source of water (attach analysis):							Tremie pumped	
17. Source of water (attach analysis).		📓	₿			_	Gravity	
		⅃		,	nite seal:		Bentonite granules	
-				/	1/4 in. ∟	3/8 in. □ 1/2 in.		
E. Bentonite seal, top ft. M	SL or 3.0	ft.	₩ /	C				
		<b>\</b>				al: Manufacturer, p	roduct name and m	iesh siz
F. Fine sand, top ft. M	SL or 3,0	ft.	- 🛭 🗸 /			+ #15		
-	2 -	\ \ <del>\</del>	<b>8</b> / /		lume added		ft³	
G. Filter pack, top ft. M	SL or 3,5	ft.				ial: Manufacturer,	product name and	
• •			2 /			<del>x+ #40</del>		
H. Screen joint, top ft. M	SL or 4.1	ft.			lume addec		ft³	
				9. Well	casing:		PVC schedule 40	
I. Well bottom ft. M	SL or 14.4	ft. 🔪 🎇				Flush threaded	PVC schedule 80	□ 2

ft. MSL or 15,0 10. Screen material: J. Filter pack, bottom a. Screen Type: ft. MSL or 15.0 K. Borehole, bottom (If multiple diameters, note diameters and to what depth for each diameter) L. Borehole, diameter **7.6** in. c. Slot size: 2138 in. M. O.D. well casing

Continuous slot 

0 1 Other 🗆 🎉 MONOFIEX b. Manufacturer \_ 0,010in

Factory cut

9.7 ft. d. Slotted length: None 🖷 11. Backfill material (below filter pack):

Sch. 40 PVC

Other 🔲

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

Signature

N. I.D. well casing

2.04 in

Firm Soils & Engineering Services, Inc.

Tel: (608) 274-760

1102 Stewart Street, Madison, Wisconsin 53713-4648 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, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a

forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. 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.

SES Project Number acility/Project Name  Ellis Hand Car Wash acility License, Permit or Monitoring No.	Remediation/R Local Grid Locati	edevelopment			Form 4400-113A	Rev. 7-98	;
, ,		- FWAU	Other 🗌		Well Name		
Ellic Hand Car Wash	Local Gud Locati	on of well N.	0	□ E.	MW.5		
	0.10	ft. S	<u>1</u>	E. Well Location	Wis. Unique Well No	o. DNR Well N	umber
acility License, Permit or Monitoring No.	Grid Origin Local	tion [] (estimate	.u. [_] /	or	WA128		
				or	Date Well Installed		
acility ID	St. Plane	ft. N,		ft. E. S/C/N	03/14	1 2018	2
	1			1 7 17	Well Installed By: N	Varne (first,last) a	ınd Fir
ype of Well Well Code // MW	1/4 of	1/4 of Sec	, T	_N, R	Robert R	ector	
Well Code//	Location of Well	Relative to Waste	/Source Sidegradient	Gov. Lot Number	7,436 / //		
Source If. Apply	u 🗆 Upgradie	ent s 🗆 s adient n 🗆 l			Soils & Enginee	ering Service	s, Inc
	ft. MSL		100 11110 1111	1. Cap and lock?		☐ Yes	□ N
z. z. zocetnik popo, sop osocom			76	<ol> <li>2. Protective cover j</li> </ol>	pipe:		
3. Well casing, top elevation	ft. MSL	'  -	11'>	a. Inside diameter	r:	10	<u>'</u> in
C. Land surface elevation	ft. MSL -			0			<u>.                                    </u>
		E37E37	1 1 1 TO 1 TO 1	g c. Material:		Steel	<b>#</b> 0
O. Surface seal, bottom ft. MS	or III.			<u> </u>	44'0	Other	_ U *\ 🗆 :
12. USCS classification of soil near screen:		- Washington		d. Additional pro	tection?	1 68	пC
	SW O SP O			ir yes, describ	e:	Bentonite	1
SM □ SC □ ML □ MH □ Bedrock □	CL W CH 🗆	````		3. Surface seal:		Concrete	
— · · · · · · · · · — ·	■ No	\				Other	
10. 0.0	_	🐰	· <b>×</b>	4 Material between	n well casing and prote		
	tary 50	) <b></b>				Bentonite	
Hollow Stem Au	other 🗆 🔼			Fi	Her Sand	Other	ŗ
		ì 🐰	<b>X</b>	5 Annular space se	eal: a. Granular/Ch	inned Bentonite	<b>3</b>
15. Drilling fluid used: Water □ 0 2	Air □01			h. Lbs/gal	mud weightBento	onite-sand slurry	□ 3
Drilling Mud 03 N		l		cLbs/gal	mud weight	Bentonite slurry	□ 3
					onite Bentoni		
16. Drilling additives used? ☐ Yes	■ No			e. <u>015</u> Fi	t <sup>3</sup> volume added for an	y of the above	
				<ol> <li>f. How installe</li> </ol>		Tremie	
Describe						Tremie pumped	
17. Source of water (attach analysis):						Gravity	
				6. Bentonite seal:		entonite granules	
		- ×		/ b. □1/4 in. □	□ 3/8 in. □ 1/2 in.	Bentonite chips	. 🗀 3
	cr 2,9	₽ 🔯	- <b>X</b>	c		Other	' LJ 🖺
E. Bentonite seal, top ft. MS	SLUF	11. \ 1881	<b>₩</b> /				
E. Bentonite seal, top ft. MS  F. Fine sand, top ft. MS		<b>→</b> ₩		7. Fine sand mater	ial: Manufacturer, pro	duct name and n	nesh si

				\ P	XXI 1XXI					onno mano and m	DULL D	120
F. Fine sand, top	~	ft. MSL or	2,9	ft.		/ /	a. Red				_	<b>1</b>
_				\ \	₩ ₩		b. Volume a			ft		
G. Filter pack, top		_ ft. MSL or	3.5	ft.	31 13/	/	. Filter pack n	naterial:	Manufacturer, p	roduct name and r	nesh	size
G. Tittor paots, top							a Red	Fliat	¥40		_	3.0
H. Screen joint, top		_ ft. MSL or	4.1	ft			b. Volume a	dded	313	ft³		
**, Deleterajon () [						/ 9	. Well casing:	:	Flush threaded	PVC schedule 40		23
I. Well bottom		_ ft. MSL or	14.4	ft. <					Flush threaded	PVC schedule 80		
1. Well bottom										Other		- E
T Ellermole bottom		f MSI or	15.0	ft.		10	). Screen mate	rial: 👱	Sch. 40 pr	<u> </u>	_	. 5
J. Filter pack, bottom				_	2777777		a. Screen T			Factory cut		11
		_ ft. MSL or	15,0	A.				J1		Continuous slot		
K. Borehole, bottom										Other		
(If multiple diameters	, note diameter	rs and to wha	t depth for e	ach diameter)			h Monufor	turar	Monoflex		_	
L. Borehole, diameter	7,6	in.		`					111000	0.0	10	in
							<ul><li>c. Slot size:</li></ul>	:		<u> </u>		111.

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

Signature

M. O.D. well casing

N. I.D. well casing

2.38 in.

2,04 in.

Firm Soils & Engineering Services, Inc.

1102 Stewart Street, Madison, Wisconsin 53713-4648

d. Slotted length:

11. Backfill material (below filter pack):

Tel: (608) 274-7600 Fax: (608) 274-751

9,7 ft.

None 🖀 14

Other 🗆 🅦

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, 292 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. 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.

Department of Natural Resources  Route To:	Watershed/Wastewater ☐ Remediation/Redevelopment☐	Waste Management ☐ Other ☐	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
SES Project Number Facility/Project Name	Local Crid Location of Well		Well Name
	Grid Origin Location (estimate	₽ □ E.	MWG
Facility License, Permit or Monitoring No.	Grid Origin Location (estimate	ed: [7] Well Location [7]	Wis. Unique Well No.   DNR Well Number
Facility License, Permit or Monitoring No.	Lat Lo		WA129
Facility ID	4	=	Date Well Installed
Facility ID	St. Plane ft. N, _	ft. E. S/C/N	03/14/2018
Type of Well	Section Location of Waste/Source	4 □	$\frac{0.3}{m} / \frac{14}{d} / \frac{20.18}{y y y}$ Well Installed By: Name (first, last) and Firm
Well Code // MW	1/4 of1/4 of Sec	, T N, R 🗆 W	Robert Rector
Distance From Waste/ Enf. Stds.	Location of Well Relative to Waste	e/Source Gov. Lot Number Sidegradient	1,000
Source ft. Apply	u □ Upgradient s □ S d □ Downgradient n □ S	= 1	Soils & Engineering Services, Inc.
		1. Cap and lock?	☐ Yes ☐ No
A. Protective pipe, top elevation	ft. MSL	2. Protective cover	
B. Well casing, top elevation	ft, MSL	a. Inside diamete	· · · · · · · · · · · · · · · · · · ·
Ť -	ft. MSL <	b. Length:	
O. 2002-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-	\	c. Material:	Steel 🛢 04
D. Surface seal, bottom ft. MS	SL or 117 ft.		Other 🗀 💆
12. USCS classification of soil near screen:	PARTICIPAL TO A STATE OF THE PARTICIPAL TO A	d. Additional pro	
	SW   SP	If yes, describe	e:
	CL ■ CH□	3. Surface seal:	Bentonite 🗆 3 0
Bedrock □		3. Surface scal.	Concrete 🗰 01
13. Sieve analysis attached? ☐ Yes	■ No	<b>—</b>	Other 🗅 💆
14. Drilling method used: Ro	tary □50	4. Material betweer	well casing and protective pipe:
Hollow Stem At	ıger ■41	<b>(</b>	ter Sand  Bentonite   30  Other
0	ther 🗆 🔼		ter Sand Other
			al: a. Granular/Chipped Bentonite 🖶 3 3
	Air □01	bLbs/gal ı	mud weight Bentonite-sand slurry 🏻 3 5
Drilling Mud □ 0 3 N	lone <b>9</b> 99	cLbs/gal i	mud weight Bentonite slurry 🛚 3 I
16. Drilling additives used? ☐ Yes	■ No	d% Bento	niteBentonite-cement grout   50
10. Drilling additives used?	<b>-</b> 110	e. <u>U,9</u> Ft	3 volume added for any of the above
Describe		f. How installed	
17. Source of water (attach analysis):			Tremie pumped 🔲 0 2 Gravity 🖝 0 8
17. Bodroe of Water (attack assertation).			•
	J 🛚 🕷	6. Bentonite seal:	a. Bentonite granules ☐ 3 3 13/8 in. ☐ 1/2 in. Bentonite chips ☐ 3 2
	3.0		Other
E. Bentonite seal, top ft. MS	SL or 3,0 ft.	c 7. Fine sand materi aRed_1	al: Manufacturer, product name and mesh size
	3,0 .	Red I	Flint #15 8
F. Fine sand, top ft. MS	SL or 3,0 ft.	b. Volume added	
	SL or 3,0 ft. SL or 3,0 ft. SL or 3,5 ft.		rial: Manufacturer, product name and mesh siz
G. Filter pack, top ft. MS	SL or 3,5 ft.		1/it #40
	SL or 3.9 ft.	b. Volume adde	
H. Screen joint, top ft. MS	SL or it.	9. Well casing:	Flush threaded PVC schedule 40 <b>8</b> 2
0.34	SL or 14,2 ft.	9, wen casing.	Flush threaded PVC schedule 80  2.
I, Well bottom ft. MS	SL or n.		Other 🗆 🛎
0.34	n 15.0 a.	10. Samon motorials	Sch. 40 PVC
J. Filter pack, bottom ft. Mi	SL or n.	a. Screen Type:	
0.36	SL or 15.0 ft.	a. Screen Type.	Continuous slot   0
			Other 🗆 💆
(If multiple diameters, note diameters and to	what depth for each diameter)	b. Manufacture	A. Class
L. Borehole, diameter 7.6 in.		c. Slot size:	0.010in
M. O.D. well casing 2.38 in.		d. Slotted lengt	<i>A</i>
M. O.D. well casing 2130 in.		,	l (below filter pack): None 🔳 1
N. I.D. well casing 2,04 in.			Other 🗆 💆
N. I.D. well casing in.			<del></del>

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

Signature

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

Firm Soils & Engineering Services, Inc.

Tel: (608) 274-7600

Please complete both Forms 4400-113B and return to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. 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.

Form 4400-122

Other:

Rev. 7-98

Route To:

Watershed / Wastewater: Remediation / Redevelopment: Waste Management:

Page Boring Number License / Permit / Monitoring Number Facility / Project Name Ellis Hand Car Wash Drilling Method Drilling Date Completed **Drilling Date Started** Boring Drilled By: Name of crew chief (first, last) and Firm 08/01/2017 08/01/2017 First: Darrin Last: Prentice Geoprobe MM /DD/ YYYY MM/ DD/ YYYY Firm: Geiss Soil & Samples, LLC Final Static Water Level Surface Elevation Borehole Diameter WI Unique Well No. DNR Well ID No. Well Name 675 feet MSL 2 inches 667 feet MSL Local Grid Location Local Grid Origin (estimated X) or Boring Location Ν Lat 43°5'36 N State Plane N. Feet S Feet W SW 1/4 of SW 1/4 of Section 6 , T 7 N, R 22 E Long 87° 56 ' 29 W County Code Civil Town / City / Village County Facility ID Milwaukee Milwaukee 41 341070620 Soil Properties Sample Depth in Feet (below ground surface) Compressive Strength Plasticity Index  $\Xi$ Counts Well Diagram iquid Limit Moisture Content Length Att. Recovered (i PID / FID Soil / Rock Description uscs P 200 Graphic RQD / Comments And Geologic Origin Blow ( For Each Major Unit Concrete SP 0-4' Tan fine to coarse grained sand Slight petro odor 40 м G-1-1 48 (3.5 feet) 12 Petro odoi 292 М G-1-2 48 (7 feet) 42 4-12' Gray sandy clay W Petro odor 19 G-1-3 48 from 8-11.5 (12 feet) EOB at 12 feet bgs. Groundwater sample G-1-W collected at 7-12 feet. Borehole abandoned. I hereby certify that the information on this form is true and correct to the best of my knowledge **METCO** Firm: Signature:

State of Wisconsin

## SOIL BORING LOG INFORMATION

Departmen	R UI IVAL	ui ai rte	sources					Form 4	400-122		ΙĊ	3V. 7-90				
			Route To:	Watershed / Wastewater		Waste	Manag									
				Remediation / Redevelopment				Other:			Page	1	of	1		
Facility / P	raiget M			<u> </u>	License	/ Permi	t / Moni	toring N	umber		гаус	<del>'</del>		ring Number		
					LICCITA	. 7 I ÇIIIII	( ) WOIII	torning 71	01/1001					G-2		
Eilis Hand	Lar wa	SII Name (	of crew chi	ef (first, last) and Firm	Drilling	Date Sta	arted		Drilling	Date Co	mpleted	3	Dri	Iling Method		
	Darrin	Maine (		Prentice		8/01/201				08/01/2017				Geoprobe		
Firm:	Geiss So	il & Sam	ples, LLC			1/ DD/ YY			MM /DD/ YYYY							
WI Unique \	Well No.	DNR W	ell ID No.	Well Name	Fina	I Static \	Water L	evel	Surface Elevation					Borehole Diameter		
						667 fee	et MSL		675 feet MSL					2 inches		
				oring Location						Local G						
State Plane		N,	E	. 5		5'36 N 7°56'29				N East S	S Feet	E W				
SW ¼ of S\	rcility ID	ection 6	17N, R 22	County	Long o	7 30 23		/ Code			ivil Tow	***	/V	illage		
	1070620			Milwaukee			-	1		_		lilwauke				
- 34	Sam			Millyddice					ropertie	s						
- O			g et			. D	E.		ve		iit	dex				
% - -	Att. ed ((	Blow Counts	rour ce)	Soil / Rock Description	ပ	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	200	RQD / Comments		
per	gth over	≩	ith ir ow g urfa	And Geologic Origin For Each Major Unit	S O	ap j	<u> </u>	/ Q;	mpr	Mais Con	duid	sticit	P 2	KQD / Comments		
Number & Type	Length Att. & Recovered (in)	음	Depth in Feet (below ground surface)	. 0. 230		ত	We	u.	ა"	_	ت	P.				
			_	Concrete												
			_													
			- 2	0-4' No Recovery	1											
			<sup>-2</sup>	0-4 NO Recovery												
G-2-1	48		_													
(0-4 feet)	0		-  -							1						
			4		<del>                                     </del>											
			<u> </u>													
			_		İ											
			6	4-8' Gray sandy clay	CL											
G-2-2	48		_					132		М				Petro odor		
(7 feet)	48		_													
			8		-											
			-		CL											
			<u> </u>	8-10' Tan sandy clay				:								
G-2-3	48		_ 10		<del> </del>			4.2		w				Slight petro odor		
(10 feet)	48		<u> </u> -	EOB at 10 feet bgs, Geoprobe refusal, Groundwater sample G-2-W collected at 5-10 feet, Borehole												
			_	abandoned.												
			_ 12													
						]								,		
			_													
			- 14													
			-													
			_													
			16 		1											
			-													
	1	}	<b>!</b>			]		I		1	1	ļ	1			

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

Signature:

**METCO** Firm:

Signature:

#### SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

Route To:

Watershed / Wastewater:

Waste Management: Remediation / Redevelopment: Other: Page of 1 License / Permit / Monitoring Number Boring Number Facility / Project Name G-3 Ellis Hand Car Wash Drilling Date Completed Drilling Method Boring Drilled By: Name of crew chief (first, last) and Firm Drilling Date Started 08/01/2017 08/01/2017 First: Darrin Last: Prentice Geoprobe MM/ DD/ YYYY MM /DD/ YYYY Firm: Geiss Soil & Samples, LLC WI Unique Well No. DNR Well ID No. Surface Elevation Borehole Diameter Well Name Final Static Water Level 675 feet MSL 2 inches 667 feet MSL Local Grid Location Local Grid Origin (estimated X) or Boring Location Lat 43° 5 ' 36 N Ε State Plane Ν N. Long 87° 56 ' 29 W Feet S Feet W SW 1/4 of SW 1/4 of Section 6, T 7 N, R 22 E Facility ID County County Code Civil Town / City / Village Milwaukee 341070620 Milwaukee Soil Properties Sample lumber & Type Depth in Feet (below ground surface) જ∈ Inde Well Diagram Compressive Blow Counts Graphic Log Liquid Limit PID / FID Strength Length Att. Recovered () Soil / Rock Description Maisture Content Plasticity RQD / Comments And Geologic Origin For Each Major Unit Dry 2.6 No petro odor G-3-1 48 (3.5 feet) 12 0-7' Tan fine to coarse grained sand with gravel (FILL) SP Dry/M Slight petro odor 7.4 G-3-2 48 (7.5 feet) 12 7-8' Gray sandy clay 8-12' Tan sandy clay CL W No petro odor G-3-3 48 EOB at 12 feet bgs. Groundwater sample G-3-W (12 feet) 36 collected at 7-12 feet. Borehole abandoned I hereby certify that the information on this form is true and correct to the best of my knowledge

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 285 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 This form is authorized by Chapters 281, 283, used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Firm:

**METCO** 

## SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

D	_	ıta	To

Watershed / Wastewater:

Waste Management:

Other: Remediation / Redevelopment: Page Boring Number License / Permit / Monitoring Number Facility / Project Name G-4 Ellis Hand Car Wash Drilling Method **Drilling Date Completed** Boring Drilled By: Name of crew chief (first, last) and Firm Drilling Date Started 08/01/2017 08/01/2017 Last: Prentice First: Darrin Geoprobe MM /DD/ YYYY MM/ DD/ YYYY Firm: Geiss Soil & Samples, LLC Borehole Diameter Surface Elevation Final Static Water Level Well Name WI Unique Well No. DNR Well ID No. 2 inches 675 feet MSL 667 feet MSL Local Grid Location Local Grid Origin (estimated X) or Boring Location Lat 43° 5 ' 36 N Ν State Plane N, Ε Feet S Feet W Long 87° 56 ' 29 W SW 1/4 of SW 1/4 of Section 6 , T 7 N, R 22 E County Code Civil Town / City / Village Facility ID County Milwaukee 41 341070620 Milwaukee Soil Properties Sample Depth in Feet (below ground surface) Compressive Strength Plasticity Index Jumber & Type Well Diagram ≪ <u>(</u>⊆ Graphic Log Counts Liquid Limit Moisture Content PID / FID Soil / Rock Description Length Att. Recovered ( USCS RQD / Comments And Geologic Origin Blow For Each Major Unit Slight petro odor 6.3 М G-4-1 (3.5 feet) CL. 0-10' Gray sandy clay Petro odor 421 М G-4-2 48 (8 feet) 48 Petro odor W 5.9 G-4-3 48 from 8-9 CL 10-11' Tan sandy clay (10 feet) 24 No petro odor EOB at 11 feet bos, Geoprobe refusal. Groundwater 5.8 G-4-4 24 sample G-4-W collected at 6-11 feet. Borehole (11 feet) 12 abandoned. 18

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

Signature:

**METCO** 

Firm:

Signature:

## SOIL BORING LOG INFORMATION

Form 4400-122

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Wt Unique	Geiss So Well No.	DND W	ples, LLC Vell ID No.	. Well Name		M/ DD/ Ƴ al Static		ovol		M/DD/ Y	YYY Elevatio			Borehole Diameter	
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	1070620			Milwaukee				11		,		vn / <u>Uitt</u> /lilwauke	<del></del>		
	San	nple		Willwadikee					Propertie	:S	- 10	mwaun			
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	nscs	Graphic Log	Well Diagram	PID / FID	e + <u>x</u>				RQD / Comments		
G-5-1 (3.5 feet) G-5-2 (8 feet) G-5-3 (12 feet)	48 12 48 12 48 12		24	0-8' Tan fine to coarse grained sand with gravel (FILL)  8-11' Tan to gray fine to coarse grained sand with gravel  11-12' Gray sandy clay  EOB at 12 feet bgs. Groundwater sample G-5-W collected at 7-12 feet. Borehole abandoned.	SP CL			4.7		Dry ₩				No petro odor  No petro odor	
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I hereby c	ertify tha	t the inf	ormation of	on this form is true and correct to the best of	my kno	wledge									

This form is authorized by Chapters 287, 283, 289, 291, 292, 293, 295 and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Firm:

**METCO** 

Form 4400-122

Rev. 7-98

Route To:

Watershed / Wastewater:

Waste Management:

Other: Remediation / Redevelopment: Page Boring Number License / Permit / Monitoring Number Facility / Project Name G-6 Ellis Hand Car Wash Drilling Method Drilling Date Completed Drilling Date Started Boring Drilled By: Name of crew chief (first, last) and Firm 08/01/2017 08/01/2017 Geoprobe MM /DD/ YYYY MM/ DD/ YYYY Firm: Geiss Soil & Samples, LLC Surface Elevation Borehole Diameter WI Unique Well No. DNR Well ID No. Final Static Water Level Well Name 675 feet MSL 2 inches 666 feet MSL Local Grid Location Local Grid Origin (estimated X) or Boring Location Lat 43° 5 '36 N Ν N, Feet S Feet W SW 1/4 of SW 1/4 of Section 6, T 7 N, R 22 E Long 87° 56 ' 29 W County Code County Civil Town / City / Village Facility ID 341070620 Milwaukee 41 Milwaukee Soil Properties Sample Length Att. & Recovered (in) Depth in Feet (below ground surface) Compressive Strength Plasticity Index Diagram Blow Counts Liquid Limit Moisture Content PID / FID Soil / Rock Description USCS Graphic RQD / Comments And Geologic Origin For Each Major Unit Vell SP 0-3' Tan fine to coarse grained sand with gravel (FILL) No petro odor 4.8 М G-6-1 48 (3.5 feet) CL 3-8' Gray sandy clay M/W Slight petro odor 22 G-6-2 48 (7 feet) CL 8-12' Tan sandy clay W Slight petro odor 4.7 G-6-3 48 from 8-9 (12 feet) EOB at 12 feet bgs. Groundwater sample G-6-W collected at 7-12 feet. Borehole abandoned 18

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

Signature:

Firm:

**METCO** 

## **SOIL BORING LOG INFORMATION**

Form 4400-122

Rev. 7-98

			Route To:	Watershed / Wastewate Remediation / Redevelopmer		Waste	e Manag	gement: Other:							
											Page	1	of		
Facility / P					Licens	e / Permi	it / Moni	itoring N	lumber				Во	ring Number	
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Firm:	Geiss So	oil & Sam	oples, LLC Vell ID No.	Well Name		M/ DD/ YY				// /DD/ Y\		_		Borehole Diameter	
WI Offique	vven No.	DINK	veli ID No.	vveii Name	L1(1	al Static			•	Surface	et MSL	11	2 inches		
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Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	SOSA	Graphic Log	Well Diagram	PID / FID	Compressive Strength Moisture Content Liquid Limit				P 200	RQD / Comments	
G-7-1 (3.5 feet) G-7-2 (7.5 feet) G-7-3 (12 feet)	48 24 48 24			0-4' Tan sandy clay  4-8' Tan to gray sandy clay  8-12' Tan sandy clay  EOB at 12 feet bgs. Groundwater sample G-7-W collected at 7-12 feet. Borehole abandoned.	CL CL			5.9		M M/vv				No petro odor Slight petro odor from 7-8 feet Slight petro odor from 8-9	
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Form 4400-122

Rev. 7-98

			Route To:				te Manag	gement Other							
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		Name		ief (first, last) and Firm		Date S				Date Co		:d	Drilling Method		
	Darrin Geiss S	nil & San	.Last nples, LLC	Prentice		08/02/20 <sup>-</sup> M/ DD/ Y <sup>-</sup>				08/02/201 M /DD/ YY			Geoprobe		
WI Unique	Well No.		Vell ID No.	Well Name		al Static		_evel		Surface		วก	Borehole Diameter		
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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	mpressive Strength	Compressive Strength Moisture Content Liquid Limit				RQD / Comments	
Z	Le	ă	8 a			ပ်	Μ̈́		ပိ		_ =	P Ř			
G-8-1 (3.5 feet) G-8-2 (7.5 feet)	48 12 48 24		- 2 - 2 - 4 - 6 - 8 10	0-4' Tan sandy clay 4-8' Gray sandy clay 8-12' Tan sandy clay	CL	•		2.9		M				Na petro odor Petro odor from 7-8 feet	
G-8-3 (12 feet)	48 48	at the in	12 14 16 16 18	EOB at 12 feet bgs. Altempted to collect groundwater sample, no recovery after 6 hours. Borehole abandoned.		włędne		3.2		W				Petro ador from 8-9	
		at tile II	nomiation (	on this form is true and correct to the best o	riny Kilo	wiedye			Eirm:	RAS=	TCO				
Signature			Y	~ · ·					Firm:	IVI 🗠	TCO				

Form 4400-122

Other:

Rev. 7-98

Route To:

Watershed / Wastewater: Remediation / Redevelopment: Waste Management:

Page Boring Number License / Permit / Monitoring Number Facility / Project Name Ellis Hand Car Wash Drilling Method **Drilling Date Completed** Boring Drilled By: Name of crew chief (first, last) and Firm Drilling Date Started 08/02/2017 08/02/2017 First: Darrin Last: Prentice Geoprobe MM /DD/ YYYY MM/ DD/ YYYY Firm: Geiss Soil & Samples, LLC Surface Elevation Borehole Diameter Final Static Water Level WI Unique Well No. DNR Well ID No. Well Name 675 feet MSL 2 inches 668 feet MSL Local Grid Location Local Grid Origin (estimated X) or Boring Location Ν Lat 43° 5 ' 36 N State Plane N. Feet S Feet W Long 87° 56 ' 29 W SW 1/4 of SW 1/4 of Section 6, T 7 N, R 22 E County Code Civil Town / City / Village County Facility ID Milwaukee 41 Milwaukee 341070620 Soil Properties Sample Depth in Feet (below ground surface) Plasticity Index Ē Compressive Diagram Blow Counts Liquid Limit Moisture Content Length Att. 8 Recovered (i Ø PID / FID Strength Soil / Rock Description P 200 ပ္သ Graphic RQD / Comments And Geologic Origin For Each Major Unit No petro ador 2.5 М G-9-1 48 (3.5 feet) 42 CL 0-12' Tan sandy clay M/W No petro odo 2.5 G-9-2 48 24 (7 feet) No petro odor W 3.1 G-9-3 48 EOB at 12 feet bgs. Groundwater sample G-9-W (12 feet) collected at 7-12 feet. Borehole abandoned. I hereby certify that the information on this form is true and correct to the best of my knowledge **METCO** Firm: Signature:

Form 4400-122

Other:

Rev. 7-98

Route To:

Watershed / Wastewater: Remediation / Redevelopment:

Waste Management:

Page Boring Number Facility / Project Name License / Permit / Monitoring Number Ellis Hand Car Wash G-10 Drilling Date Started Drilling Date Completed Boring Drilled By: Name of crew chief (first, last) and Firm **Drilling Method** 08/02/2017 First: Darrin 08/02/2017 Geoprobe MM /DD/ YYYY MM/ DD/ YYYY Firm: Geiss Soil & Samples, LLC Wi Unique Well No. DNR Well ID No. Final Static Water Level Surface Elevation Borehole Diameter Well Name 667.5 feet MSL 675 feet MSL 2 inches Local Grid Origin (estimated X) or Boring Location Local Grid Location Lat 43° 5 '36 N SW 1/4 of SW 1/4 of Section 6, T 7 N, R 22 E Long 87° 56 ' 29 W Feet S Feet W County County Code Facility ID Civil Town / City / Village 341070620 Milwaukee 41 Milwaukee Soil Properties Sample & Type Depth in Feet (below ground Ē Plasticity Index Blow Counts Diagram Compressive Liquid Limit Moisture Content Strength S PID / FID Length Att. Recovered Soil / Rock Description surface) USC Graphic And Geologic Origin RQD / Comments For Each Major Unit Well CL. 0-4' Tan sandy clay G-10-1 2.7 М No petro odor (3.5 feet) CL 4-8' Tan to gray sandy clay MAA G-10-2 48 9.0 Petro odor (7.5 feet) 48 from 7-8 feet \_10 8-12' Tan sandy clay CL W G-10-3 48 \_12 4.1 Petro odor (12 feet) 48 EOB at 12 feet bgs. Attempted to collect groundwater from 8-10 sample, no recovery after 5 hours. Borehole abandoned. 18 I hereby certify that the information on this form is true and correct to the best of my knowledge **METCO** Firm: Signature:

## SOIL BORING LOG INFORMATION

Form 4400-122

Firm:

**METCO** 

Rev. 7-98

Route To: Watershed / Wastewater: Waste Management: Remediation / Redevelopment: Other: Page 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 08/02/2017 08/02/2017 Firm: Geiss Soil & Samples, LLC MM/ DD/ YYYY Geoprobe MM /DD/ YYYY WI Unique Well No. DNR Well ID No. Well Name Final Static Water Level Borehole Diameter Surface Elevation 667 feet MSL 675 feet MSL 2 inches Local Grid Origin (estimated X) or Boring Location Local Grid Location N. Lat 43° 5 ' 36 N SW 1/4 of SW 1/4 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 Depth in Feet (below ground surface) Length Att. & Recovered (in) Counts Compressive Strength Well Diagram ge Graphic Log Soil / Rock Description Liquid Limit PID / FID Moisture Content 080 And Geologic Origin Plasticity RQD / Comments Blow For Each Major Unit Concrete G-11-1 48 3.2 М No petro odor (3.5 feet) 30 0-12' Tan sandy clay CL 3.2 No petro odor G-11-2 48 (8 feet) 42 10 G-11-3 48 12 2.4 W No petro odor (12 feet) 48 EOB at 12 feet bgs. Attempted to collect groundwater sample, no recovery after 5 hours. Borehole abandoned 14 16 18

295, 289, 291, 292, 283, 295 and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of This form is authorized by Chapters 281, 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.

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

Signature:

## SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

Route To:	Wate
	Remediation

atershed / Wastewater: Waste Mana

Waste Management:

Other: on / Redevelopment: Page Boring Number License / Permit / Monitoring Number Facility / Project Name G-12 Ellis Hand Car Wash **Drilling Date Completed** Drilling Method Drilling Date Started Boring Drilled By: Name of crew chief (first, last) and Firm 08/02/2017 08/02/2017 First: Darrin Last: Prentice Geoprobe MM/ DD/ YYYY MM /DD/ YYYY Firm: Geiss Soil & Samples, LLC Borehole Diameter WI Unique Well No. DNR Well ID No. Final Static Water Level Surface Elevation Well Name 2 inches 675 feet MSL 667 feet MSL Local Grid Location Local Grid Origin (estimated X) or Boring Location Lat 43° 5 ' 36 N State Plane Feet W Long 87° 56 ' 29 W SW  $\frac{1}{4}$  of SW  $\frac{1}{4}$  of Section 6 , T 7 N, R 22 E County Code Civil Town / City / Village Facility ID County Milwaukee 41 341070620 Milwaukee Soil Properties Sample Jumber & Type Depth in Feet (below ground surface) Compressive Strength Plasticity Index ∞ <u>(£</u> Well Diagram Graphic Log Blow Counts PID / FID Liquid Limit Moisture Content Length Att. Recovered (i Soil / Rock Description USCS RQD / Comments And Geologic Origin For Each Major Unit No petro odor 3.7 М G-12-1 48 (3.5 feet) CL 0-12' Tan sandy clay No petro odor М 4.2 G-12-2 48 (8 feet) W No petro odor G-12-3 48 EOB at 12 feet bgs. Attempted to collect groundwater (12 feet) sample, no recovery after 5 hours. Borehole abandoned.

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

Signature:

Firm:

**METCO** 

Signature:

#### SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

Route To:

Watershed / Wastewater:

Waste Management:

Remediation / Redevelopment: Other: Page License / Permit / Monitoring Number Boring Number Facility / Project Name G-13 Ellis Hand Car Wash Drilling Date Started **Drilling Date Completed** Drilling Method Boring Drilled By: Name of crew chief (first, last) and Firm 08/02/2017 08/02/2017 First: Darrin Last: Prentice Geoprobe Firm: Geiss Soil & Samples, LLC MM/ DD/ YYYY MM /DD/ YYYY Borehole Diameter WI Unique Well No. DNR Well ID No. Final Static Water Level Surface Elevation Well Name 667 feet MSL 675 feet MSL 2 inches Local Grid Origin (estimated X) or Boring Location Local Grid Location Lat 43°5'36 N Ν State Plane Feet S Feet W SW 1/4 of SW 1/4 of Section 6, T 7 N, R 22 E Long 87° 56 ' 29 W Facility ID County County Code Civil Town / City / Village Milwaukee 341070620 Milwaukee Soil Properties Sample Length Att. & Recovered (in) Depth in Feet (below ground surface) Number & Type Compressive Strength Plasticity Index Diagram Blow Counts Graphic Log iquid Limit PID / FID Moisture Content Soil / Rock Description USCS 200 RQD / Comments, And Geologic Origin For Each Major Unit Well Concrete No petro odor G-13-1 48 3.1 (3.5 feet) 36 0-11' Gray sandy clay CL М No petro ador G-13-2 48 (8 feet) 24 2.5 W No petro odor EOB at 11 feet bgs, Geoprobe refusal. Attempted to G-13-3 48 collect groundwater sample, no recovery after 5 hours. 48 (11 feet) Borehole abandoned. 18 I hereby certify that the information on this form is true and correct to the best of my knowledge **METCO** 

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Form 4400-122

Rev. 7-98

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Watershed / Wastewater:

Waste Management:

Remediation / Redevelopment: Other: Page License / Permit / Monitoring Number Boring Number Facility / Project Name Ellis Hand Car Wash Drilling Date Started **Drilling Date Completed Drilling Method** Boring Drilled By: Name of crew chief (first, last) and Firm 08/02/2017 08/02/2017 First: Darrin Last: Prentice Geoprobe MM /DD/ YYYY MM/ DD/ YYYY Firm: Geiss Soil & Samples, LLC Borehole Diameter WI Unique Well No. DNR Well ID No. Well Name Final Static Water Level Surface Elevation 667 feet MSL 675 feet MSL 2 inches Local Grid Origin (estimated X) or Boring Location Local Grid Location Lat 43° 5 ' 36 N Ν State Plane Feet S Feet W Long 87° 56' 29 W Facility ID County County Code Civil Town / City / Village Milwaukee 341070620 Milwaukee 41 Soil Properties Sample Length Att. & Recovered (in) Depth in Feet (below ground surface) Compressive Strength Plasticity Index Diagram Graphic Log Blow Counts Jauid Limit Moisture Content PID / FID Soil / Rock Description USCS 200 RQD / Comments And Geologic Origin For Each Major Unit Well 4.9 М No petro odor G-14-1 48 (3.5 feet) 24 0-12' Tan sandy clay ÇL 3.0 М No petro odor G-14-2 48 (8 feet) 10 3.7 W No petro ador G-14-3 48 48 EOB at 12 feet bgs. Groundwater sample G-14-W (12 feet) collected at 7-12 feet. Borehole abandoned. 16 18 I hereby certify that the information on this form is true and correct to the best of my knowledge **METCO** Firm: Signature:

## SOIL BORING LOG INFORMATION

Form 4400-122

Other:

Rev. 7-98

Route To:

Watershed / Wastewater: Remediation / Redevelopment:

Waste Management:

Page of 1 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 Firm: Geiss Soil & Samples, LLC Geoprobe 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 Lat 43°5'36 N Ε Ν SW 1/4 of SW 1/4 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 Depth in Feet (below ground ∞ € Diagram Blow Counts Plasticity Index Length Att. Recovered () Compressive surface) Soil / Rock Description uscs PID / FID Strength Liquid Limi Moisture Content Graphic 200 And Geologic Origin RQD / Comments For Each Major Unit Nell 0-4' Tan sandy clay CL G-15-1 48 3.1 М No petro odor (3.5 feet) 36 4-8' Tan to gray sandy clay CI. G-15-2 48 3.7 M/W No petro odor (8 feet) 48 \_10 8-12' Tan sandy clay CL G-15-3 48 \_12 3.4 w No petro adar (12 feet) 48 EOB at 12 feet bgs. Groundwater sample G-15-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

## SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

Route To: Watershed / Wastewater: Waste Management: Remediation / Redevelopment: Other: Page of 1 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 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 669 feet MSL 675 feet MSL 2 inches Local Grid Origin (estimated X) or Boring Location Local Grid Location State Plane Lat 43°5'36 N SW 1/2 of SW 1/2 of Section 6 , T 7 N, R 22 E Long 87° 56 ' 29 W Feet W Facility ID County County Code Civil Town / City / Village 341070620 Milwaukee Milwaukee Sample Soil Properties lumber & Type Length Att. & Recovered (in) slow ground surface) Depth in Feet (below ground Compressive Strength Blow Counts Diagram Graphic Log Soil / Rock Description Liquid Limit PID / FID Moisture Content USC 200 And Geologic Origin **Plasticity** RQD / Comments For Each Major Unit Well 0-4' Tan sandy clay CL G-16-1 48 4.4 М No petro odo (3.5 feet) G-16-2 4-12' Gray sandy clay CL 4.4 M/W No petro odor (8 feet) G-16-3 48 4.1 W No petro odor (12 feet) EOB at 12 feet bgs. Groundwater sample G-16-W collected at 7-12 feet. Borehole abandoned.

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Firm:

**METCO** 

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

Signature:

## SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

Route To:

Watershed / Wastewater: Remediation / Redevelopment:

Waste Management:

Other:

											Page	e 1	of	<sup>:</sup> 1	
Facility / Project Name License / Permit / Monitoring Number													oring Number		
Ellis Hand														G-17	
		Name	of crew ch	nief (first, last) and Firm	Drillin	g Date S	Started		Drilling	Date C	omplete	ed	D	rilling Method	
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M/I Unique	Geiss S	oil & Sar	mples, LLC Well ID No			IM/ DD/ Y			M	M /DD/ Y	YYY			Geoprobe	
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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	Compressive Strength Moisture Content Liquid Limit				RQD / Comments	
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G-17-1 (3.5 feet)	48 12		2	0-4' Tan sandy clay	CL			25		М				Petro odor	
G-17-2 (7 feet)	48 30		6 6 	4-8' Gray sandy clay	CL										
			0 	8-12' Tan sandy clay	CL	***		47		М				Petro odor	
G-17-3 (12 feet)	48 48			EOB at 12 feet bgs. Groundwater sample G-17-W collected at 7-12 feet. Borehole abandoned.				4.2		W				Slight petro odor rom 8-10 feet	
		1 11	- - -												
	rtity tha	t the inf	ormation o	n this form is true and correct to the best o	of my know	vledge									
ignature:			~	_					Firm:	ME	rco				

Signature:

#### SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

Route To:

Watershed / Wastewater:

Waste Management:

Other: Remediation / Redevelopment: Page of 1 Boring Number License / Permit / Monitoring Number Facility / Project Name G-18 Ellis Hand Car Wash Drilling Date Completed Drilling Method Boring Drilled By: Name of crew chief (first, last) and Firm Drilling Date Started 08/02/2017 First: Darrin Last: Prentice 08/02/2017 Geoprobe MM /DD/ YYYY MM/ DD/ YYYY Firm: Geiss Soil & Samples, LLC Surface Elevation Borehole Diameter Final Static Water Level WI Unique Well No. DNR Well ID No. Well Name 2 inches 675 feet MSL 668 feet MSL Local Grid Location Local Grid Origin (estimated X) or Boring Location Lat 43°5'36 N Ν State Plane N. Feet S Feet W Long 87° 56 ' 29 W SW 1/4 of SW 1/4 of Section 6, T 7 N, R 22 E County Code Civil Town / City / Village Facility ID County Milwaukee 41 341070620 Milwaukee Soil Properties Sample Length Att. & Recovered (in) Depth in Feet (below ground Compressive Strength Diagram Plasticity Index Blow Counts Graphic Log Liquid Limii Moisture Content PID / FID Soil / Rock Description surface) USCS RQD / Comments And Geologic Origin For Each Major Unit Vell 2.7 М No petro odor G-18-1 48 (3.5 feet) 24 CL 0-12' Tan sandy clay ΜW No petro odor 2.7 G-18-2 48 42 (8 feet) w No petro odor 3.5 G-18-3 48 (12 feet) EOB at 12 feet bgs. Groundwater sample G-18-W collected at 7-12 feet. Borehole abandoned. I hereby certify that the information on this form is true and correct to the best of my knowledge

This form is authorized by Chapters 281, 285, 289, 291, 292, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Firm:

**METCO** 

Form 4400-122

Other:

Rev. 7-98

Route To:

Watershed / Wastewater: Remediation / Redevelopment: Waste Management:

Page of 1 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 Lat 43°5'36 N Ν SW 1/4 of SW 1/4 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 Depth in Feet (below ground ≪ <u>(</u>E Diagram Compressive Strength Blow Counts Plasticity Index Graphic Log Liquid Limit Length Att. Recovered ( Moisture Content Soil / Rock Description PID / FID surface) USCS And Geologic Origin RQD / Comments For Each Major Unit Wei 0-4' Tan sandy clay CL G-19-1 48 5.9 М Slight petro odor (3.5 feet) from 3-4 feet 4-8' Tan to gray sandy clay CL G-19-2 48 (7 feet) 103 M/W Petro odor 8-12' Tan sandy clay CL G-19-3 48 \_12 7.5 w Slight petro odor (12 feet) 48 EOB at 12 feet bgs. Attempted to collect groundwater from 8-10 feet sample, no recovery after 2 hours. Borehole abandoned. I hereby certify that the information on this form is true and correct to the best of my knowledge Signature: **METCO** Firm:

Firm: Geiss Soil & Samples, LLC WI Unique Well No. DNR Well ID No.

N,

SW 1/4 of SW 1/4 of Section 6, T 7 N, R 22 E

Sample

Blow Counts

Facility / Project Name

Ellis Hand Car Wash

First: Darrin

Facility ID

341070620

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Length Att. Recovered (i

48

30

State Plane

Jumber & Type

G-20-1

(3.5 feet)

## SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

Route To:

Boring Drilled By: Name of crew chief (first, last) and Firm

Depth in Feet (below ground surface)

12

Concrete

0-4' Gray sandy clay

Local Grid Origin (estimated X) or Boring Location

Last: Prentice

Watershed / Wastewater:

Waste Management: Remediation / Redevelopment: Other: Х Page Boring Number License / Permit / Monitoring Number G-20 Drilling Method Drilling Date Completed Drilling Date Started 08/02/2017 08/02/2017 Geoprobe MM/ DD/ YYYY MM /DD/ YYYY Final Static Water Level Surface Elevation Borehole Diameter Well Name 2 inches 675 feet MSL Local Grid Location Ν Lat 43°5'36 N Long 87° 56 ' 29 W Feet S Feet W County Code Civil Town / City / Village County Milwaukee Milwaukee Soil Properties Compressive Strength Inde Well Diagram Liquid Limit Graphic Log Moisture Content PID / FID Soil / Rock Description USCS Plasticity RQD / Comments And Geologic Origin For Each Major Unit CL Slight petro odor М 10 EOB at 4 feet bgs. Borehole abandoned.

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

Signature:

Firm:

METCO

1991, 292, 293, 295 and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of This form is authorized by Chapters 281, 283, 289 between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

## SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98 Route To: Watershed / Wastewater: Waste Management: Remediation / Redevelopment: Other: Page of 1 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 Geoprobe 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 Lat 43° 5 ' 36 N Ν SW 1/4 of SW 1/4 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 Depth in Feet (below ground surface) Length Att. & Recovered (in) Blow Counts Diagram Graphic Log Compressive Soil / Rock Description Strength Liquid Limit PID / FID Moisture Content And Geologic Origin Plasticity RQD / Comments , For Each Major Unit Vel Concrete 0-4' Tan sandy clay CL G-21-1 No petro odor 48 2.9 М (3.5 feet) 18 4-8' Gray to tan sandy clay CL G-21-2 48 (8 feet) 42 3.1 No petro odor 8-12' Tan sandy clay CL G-21-3 48 12 3.7 W No petro odor (12 feet) EOB at 12 feet bgs. Groundwater sample G-21-W collected at 7-12 feet. Borehole abandoned 16

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

18

Signature:

Thomas

Firm: METCO

Form 4400-122

Rev. 7-98

Route To:

Watershed / Wastewater:

Waste Management:

Remediation / Redevelopment: Other: Page Facility / Project Name License / Permit / Monitoring Number Boring Number 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 MSI 675 feet MSL 2 inches Local Grid Origin (estimated X) or Boring Location Local Grid Location State Plane Lat 43°5'36 N Ν N. SW 1/4 of SW 1/4 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 Milwaukee 41 Soil Properties Sample Depth in Feet (below ground surface) Ē Compressive Strength Plasticity Index **Neli** Diagram Blow Counts Liquid Limit 먎 Moisture Content Length Att. Recovered ( Soil / Rock Description USCS Graphic 1 RQD / Comments And Geologic Origin / Olc For Each Major Unit Concrete М No petro odor G-22-1 48 3.6 (3.5 feet) 18 CL 0-12' Tan sandy clay 4.1 М No petro odor G-22-2 48 48 (8,feet) 10 G-22-3 48 \_12 4.0 w No petro odor (12 feet) EOB at 12 feet bgs. Groundwater sample G-22-W collected at 7-12 feet. Borehole abandoned 18 I hereby certify that the information on this form is true and correct to the best of my knowledge **METCO** Signature: Firm:

#### **SOIL BORING LOG INFORMATION**

Rev. 7-98 Form 4400-122 Route To: Watershed / Wastewater: Waste Management: Other: Remediation / Redevelopment: Page License / Permit / Monitoring Number Boring Number Facility / Project Name MW-1 Ellis Hand Car Wash **Drilling Date Completed Drilling Method Drilling Date Started** Boring Drilled By: Name of crew chief (first, last) and Firm 03/15/2018 03/15/2018 First: Bob Last: Rector H.S.A MM/ DD/ YYYY MM /DD/ YYYY Firm: SES WI Unique Well No. DNR Well ID No. Well Name Final Static Water Level Surface Elevation Borehole Diameter 675 feet MSL 8 inches MW-1 Dry Local Grid Location Local Grid Origin (estimated X) or Boring Location Lat 43° 5 ' 36 N Ν Ε Feet S Feet W Long 87° 56 1 29 W SW 1/4 of SW 1/4 of Section 6, T 7 N, R 22 E County Code Facility ID County Civil Town / City / Village Milwaukee 41 341070620 Milwaukee Soil Properties Sample Length Att. & Recovered (in) Depth in Feet (below ground surface) Compressive Strength Plasticity Index Well Diagram Blow Counts Graphic Log PID / FID Liquid Limit Moisture Content Soil / Rock Description 200 RQD / Comments And Geologic Origin For Each Major Unit Petro Odor 482 MW-1-1 Gray sandy clay with gravel М 3.5 ft 12 See Well Construction Form 133 Petro Odor М MW-1-2 24 Gray sandy clay 8 ft 18 Slight Petro Odor MW-1-3 Gray sandy clay 12 12 ft EOB @ 15 Feet. Installed MW-1 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

Firm: **METCO** Signature:

## SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

			Route To:	Watershed / Wastewater:		- Waste	Manag	gement:							
				Remediation / Redevelopment:	<u> </u>	]		Other:			Page	1	of		
Facility / F	Project N	Jame			Licens	e / Permi	it / Mon	itorina N	lumber		raye			ring Number	
Ellis Hand					2,00,10	.,								MW-2	
Boring Dr	illed By:	Name	of crew ch	nief (first, last) and Firm	Drilling	Date St	arted		Drilling	Date Co	omplete	d	Dr	illing Method	
First:				Rector		03/15/201				3/15/201				H.S.A	
Firm:						M/ DD/ YY				/DD/ YY					
WI Unique	Well No.	DNR V	Vell ID No.		Fin	al Static '	Water L	_evel	S		Elevatio	n	В	orehole Diameter	
WA125		<u> </u>		MW-2		D	ry				et MSL	-11		8 inches	
				Boring Location	1 -4 40	9 5 1 3 C N				Local G	Grid Loc	ation E			
State Plane		N, Section 6	E ,T7N,R2	22 É		°5'36 N 37°56'29					Feet				
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√umber & Type	Att.	Blow Counts	n Fe grou	Soil / Rock Description	ပ	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	88	RQD / Comments	
ber	dft.	S	ow Surfa	And Geologic Origin For Each Major Unit	s n	l de		e	Stre	Con	gic	stici	100	1 TOD / COMMENTS	
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MW-2-1	24		-	Gray sandy clay	CL			149		М				Petro Odor	
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			- 16	EOB @ 15.5 Feet. Installed MW-2 to 14 feet bgs with											
			<b> </b>	a 10 foot screen.											
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Signature	e:			·					Firm:	ME	ETCO				
-															

## SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

			Route To:	Watershed / Wastew Remediation / Redevelopr		_	ste Mana	gement: Other:							
				Remediation / Redevelopi	nent.			Outor.	·		Page	: 1	of		
Facility / F	Project N	lame			Lice	nse / Per	mit / Mor	nitoring N	lumber				Во	oring Number	
Ellis Hand														MW-3	
_		Name		nief (first, last) and Firm	Drill	ing Date				Date C		ed	Drilling Method		
First: Firm:			Last:	Rector		03/15/2 MM/ DD/				13/15/201 11/DD/ Y1			H.S.A		
		DNR V	Vell ID No.	Well Name			ic Water	Level		Surface		on	Borehole Diameter		
WA126				MW-3			Dry			675 fe	et MSL			8 inches	
Local Grid	d Origin	(estimate)	ated X) or	Boring Location							Grid Loc				
State Plane		N,	E			43° 5 ' 36 87° 56 '				Feet 3		E.			
	or % or s		, T 7 N, R 2	County	Long	87 30		ty Code					City / Village		
	107062			Milwaukee				41				lilwauk		3-	
		nple						Soil F	ropertie	s					
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	80 8 D	Phi Si	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments	
MW-3-1 3.5 ft MW-3-2 8 ft MW-3-3 12 ft	24 6 24 12 24 12			Tan sandy clay with gravel  Tan sandy clay  EOB @ 15 Feet. Installed MW-3 to 14 feet bgs 10 foot screen.	Cl C		See Well Construction Form	2.4		M				No Petro Odor	
			_												
l hereby	certify th	l nat the i	nformation	on this form is true and correct to the	e best of m	l y knowle	dge	1	1	L	<u> </u>	<u> </u>		l	
Signature		010 1				,			Firm:	ME	TCO				

### SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98 Watershed / Wastewater: Waste Management: Route To: Other: Remediation / Redevelopment: Page License / Permit / Monitoring Number **Boring Number** Facility / Project Name MW-4 Ellis Hand Car Wash **Drilling Date Completed Drilling Method** Boring Drilled By: Name of crew chief (first, last) and Firm Drilling Date Started 03/14/2018 First: Bob Last: Rector 03/14/2018 H.S.A MM /DD/ YYYY MM/ DD/ YYYY Firm: SES Borehole Diameter Surface Elevation WI Unique Well No. DNR Well ID No. Well Name Final Static Water Level 675 feet MSL 8 inches MW-4 Dry Local Grid Location Local Grid Origin (estimated X) or Boring Location Ν Lat 43° 5 ' 36 N Feet W Long 87° 56 ' 29 W Feet S SW 1/4 of SW 1/4 of Section 6, T 7 N, R 22 E County County Code Civil Town / City / Village Facility ID Milwaukee 341070620 Milwaukee Soil Properties Sample Depth in Feet (below ground surface) Number & Type Diagram Compressive Strength (F) Blow Counts Graphic Log Liquid Limit Length Att. Recovered (i uscs PID / FID Moisture Content Soil / Rock Description Plasticity RQD / Comments And Geologic Origin For Each Major Unit Veil 0.5 М No Petro Odor MW-4-1 Tan sandy clay 24 3.5 ft 12 Form MW-4-2 No Recovery 24 6-8 ft See Well Construction No Petro Odor 1.8 М MW-4-3 24 Tan to gray sandy clay 12 ft EOB @ 15 Feet. Installed MW-4 to 14 feet bgs with a

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

Firm: METCO Signature:

#### SOIL BORING LOG INFORMATION

Form 4400-122

Other:

Rev. 7-98

Route To:

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

				Page 1	of 1
Facility / Project Name			License / Permit / Monitoring	Number	Boring Number
Ellis Hand Car Wash					MW-5
Boring Drilled By: Name of	of crew chief (first, la	st) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Bob	Last: Rector		03/14/2018	03/14/2018	H.S.A
Firm: SES			MM/ DD/ YYYY	MM /DD/ YYYY	71.0.7
WI Unique Well No. DNR We	ell ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
WA128		MW-5	Dry	675 feet MSL	8 inches
Local Grid Origin (estimat	ed X) or Boring Loca	ation		Local Grid Location	
- `	,				

W W Lo Lat 43° 5' 36 N N State Plane Ε Feet S Feet W Long 87° 56 ' 29 W SW 1/4 of SW 1/4 of Section 6, T 7 N, R 22 E County Code Facility ID County Civil Town / City / Village Milwaukee 41 341070620 Milwaukee Soil Properties Sample Length Att. & Recovered (in) Depth in Feet (below ground surface) Compressive Strength Plasticity Index Well Diagram Blow Counts Graphic Log iquid Limí PID / FID Moisture Content Soil / Rock Description U'S C S RQD / Comments And Geologic Origin For Each Major Unit No Petro Odor 0.8 М MW-5-1 24 Tan sandy clay with gravel 3.5 ft 12 See Well Construction Form 11.9 М Slight Petro Odor MW-5-2 Gray sandy clay 12 8 ft 0.6 М No Petro Odor MW-5-3 24 Tan to gray sandy clay 12 ft 18 EOB @ 15 Feet. Installed MW-5 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

Firm: **METCO** Signature:

State of Wisconsin

MW-6-2

8 ft

24

Tan sandy clay with gravel

### SOIL BORING LOG INFORMATION

Departme	nt of Na	itural Re	esources					Form 4	400-122	2	R	ev. 7-98	3	
		I	Route To:	Watershed / Wastewate Remediation / Redevelopmen		Wast	e Manag	gement: Other:						
											Page	11	of	
Facility / F	roject N	lame			Licens	se / Perm	itt / Moni	itoring N	lumber				Во	ring Number
Ellis Hand	l Car W	ash												MW-6
Boring Dr	illed By:	Name	of crew ch	nief (first, last) and Firm	-	g Date S			_		omplete	d	Dr	illing Method
First:			Last:	Rector		03/14/201				03/14/201				H.S.A
Firm:						M/ DD/ Y				//DD/ Y				·····
WI Unique	Well No.	DNR W	/ell ID No.	Well Name	Fin	al Static	Water L	.evel	,		Elevatio	n	B	orehole Diameter
WA129				MW-6		D	)ry				et MSL			8 inches
Local Grid	d Origin	(estima	ated X) or	Boring Location							Grid Loc			
State Plane	€	N,	Ε			5°5'36 N				1		Ė		
SW 1/4 of S			, T 7 N, R 2		Long (	87° 56′ 2				Feet 3				
Fa	acility ID			County			Count	y Code		(	Civil Tow		•	illage
34	1070620	D		Milwaukee			4	1			M	lilwauke	e	· · ·
		nple					,	Soil F	ropertie	s	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	n 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 2 	Tan sandy clay with gravel	CL			0.7		М				No Petro Odor

See Well Construction Form 0.6 М No Petro Odor MW-6-3 Tan to gray sandy clay 24 12 ft 18 EOB @ 15 Feet. Installed MW-5 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 METCO Firm: Signature:

1.0

No Petro Odor

State of Wis., Dept. of Natural Resources

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

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 identificable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Route to:

☐ Verification Only o	of Fill a	nd Seal		Drinking	Water anagemer		Vatershed/Wa	[X] Remediation/Redevelopment				
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1. Well Location information County	A Residence of the State of the	ue Well # of	Hicap	eri figgt #	d A 1992YA	Facility Name		Officaudit	ai kating	######################################	Million Cont.	
*	Remove		i nosp	स		domity rights		nd Car Wash				
MILWAUKEE	l — —					Facility ID (Fi	D or PWS)		· · · · · · · · · · · · · · · · · · ·			
Lattitude / Longitude (Degr	rees and		lethod Code	see in:	structions)	```		341070620				
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74174 SW 14 SV	V	Section	Township	Rang	e [x] E	Original Well						
or Gov't Lot #	,	6	7	N 22	Нw			nald Miller				
Well Street Address		L		131	🗀 🕶	Present Well						
2335 W Atkinson Avenue	P					- a ear		onald Miller			· · · · · · · · · · · · · · · · · · ·	
Well City, Village or Town			We	II ZIP C	ode	-Mailing Addn	ess of Prese		annualt Duis			
Milwaukee			1 :	53209-		City of Drago	-1 Owner	2433 W. KC	osevelt Driv State	ZIP Code		
Subdivision Name				#		City of Prese			WI	53209-		
							management and the state of the	vaukee	THE RESERVE OF THE PARTY OF THE		September 1	
Reason For Removal From	n Service	WI Uniqu	e Well # of f	Replacer	nent Well	-4. Pump, L	iner, scree	n, Casing & Sea	ning mater	141	Tari	
Sampling Complete		-			_	Pump and	l piping remo	ved?		res HNo		
3. Well / Drillhole / Bo	rehole li	nformation	ro de la			Liner(s) re	moved?		<u> </u>	res L No		
	C	Original Con:	struction Da	te (mm/	dd/yyyy)	Screen re	moved?		الما	res   No		
Monitoring Well	Ŀ		8/1/201	7		Casing let	ft in place?	A CONTRACTOR OF THE PROPERTY O	<u> </u>	<u>′es ∐No</u>		
Water Well		if a Well Co		eport is a	vailable,	Was casir	ng cut off bel	ow surface?		res No	X <sub>N/A</sub>	
X Borehole / Drillhole		please attac	h.			Did sealin	g material ris	se to surface?	[x],		∐N/A	
Construction Type:						Did mater	ial settle afte	r 24 hours?		res X No	N/A	
Drilled	Driven (S	andpoint)		Dug			was hole re			res No	X <sub>N/A</sub>	
X Other (specify): G	eoprobe					If bentonit	e chips were from a know	used, were they hy n safe source?	drated [x]	res $\square_{No}$	□ <sub>N/A</sub>	
Formation Type:	<u>"</u>							ng Sealing Material				
[x] Unconsolidated For	mallan		Bedrock			Condu	ctor Pipe-Gra	vity Conducto	r Pipe-Pump	ed		
Total Well Depth From Gr				stor fin \		- Screen	ed & Poured	[x] Other (Ex	ptain): Gran	vity		
rotal Well Depth From G	12		astrig Dietri	oter (m.)		Sealing Mate	nite Chips)					
Lower Drillhole Diameter			asing Depth	(ft.)			ement Grout		Clay-Sand	i Slurry (11 lt	b./gal. wt.)	
Editor Statement	2	ſ		. ()		1 =	Cement (Con			Sand Slumy		
	_	П.	. П.		1	Concre			Bentonite	Chips		
Was well annular space g	routed?			40 L	Unknow	For Monitoria	ng Wells and	Monitoring Well Bo	reholes Only	2		
If yes, to what depth (feet	)?	Depth 1	to Water (fe	et)		X Benton	iite Chips	☐ Ben	tonite - Ceme	ent Grout		
				8		Granul	ar Bentonite	☐ Ben	tonite - Sand	Slurry		
5. Material Used To Fill	Well / D	rillhole			终表表	From (ft.)	To (ft.)	Pounds	22 10 2		3	
Medium Bentonite Chi	man of the state o	A SECURITION OF THE SECURITIES OF THE SECURITION	Confedence (Confedence of Confedence of Conf	1925, 111 (L. 194	Victor (Marketon (M.)	Surface	12	18	· · · · · · · · · · · · · · · · · · ·		-	
Medium Bentomte Cm	рs				<u> </u>	Burraco		10			·	
						<del> </del>						
6. Comments	THE PLAN	ra nastronia.			01.0637673		Villy awaye large in		SANGE FORE	Militor December	S. A. S.	
Geoprobe Boring G-1 Abandoned by Geiss S	Soil & Sa	moles, LLC	under ME	TCO sur	ervision					n sagerative des print in	25.7.5833.5.0	
7. Supervision of Wo					1402.		en andre garage Se la Salayon in		DNR Use	<b>O</b> nly		
Name of Person or Firm		ing & Sealir	ng License	#	Date of I	illing & Sealin	g (mm/dd/vv	yy) Date Received	CT ALCOHOLOGY AND	ed By		
Eric Dahl (METCO)	, , , , , , , , , , , , , , , , , , ,			-		8/1/2017					elene s	
Street or Route						elephone Nur	nber	Comments				
	ilette Str	eet, Suite 3				(608)781-					en despera	
City			State 2	IP Code	!		Person Doi	ng Work	Dat	e Signed		
La Crosse			wı	54603-		15	4/2			<u> 4/31/1</u>	17	
							1					

# 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.

			Ro	oute to:		·						
☐ Verification Only o	f Fill ar	nd Seal	][	Drinking	Water	<u></u> □ \	Watershed/W	astewater (	[x]Reme	diation/	Redevel	prient
·				Waste M	anageme	nt 🔲 (	Other:	****				
1. Well Location Inform	ation					2. Facility	/Owner In	formation				
	AND AND AND A STATE	e Well # of	Hic	ap#		Facility Name		(A) (C) (A) (A) (A) (A) (A) (A) (A) (A) (A) (A	The Property Sayons Seven		<del>addar i i daaa</del>	
	Removed	l Well					Ellis Ha	ınd Car Wash				
MILWAUKEE		·			. (	Facility ID (F	ID or PWS)				A	
Lattitude / Longitude (Degre 43 • 5.6	ees and i		ietnoa Co	ode (see ini	structions	<u> </u>		3410706	20			
		'N				License/Perr	nit/Monitorin	g #				
<u>87</u> • <u>56.48</u>	<del>.</del>	,w		. — — ·								
14114 SW 14 SW	7	Section	Townsi	hip Rang	e [x]E	Original Well						
or Gov't Lot #		6	7	N 22	Π̈́w	D		nald Miller				
Well Street Address						Present Well		onald Miller				
2335 W Atkinson Avenue						Mailina Adda	ess of Prese				<del></del>	
Well City, Village or Town				Well ZIP Co	ode	Alaming Cran.	555 OI 1 1536		. Roosevelt D	rive		
Milwaukee				53209-		City of Prese	nt Owner	2133 1	State		Code	·····
Subdivision Name				Lot#		3, 3		vaukee	WI		3209-	
						4 Pumn I	- the second of the trip the state of the second	n, Casing &	21 CA 1 (2 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C	<u> </u>		
Reason For Removal From	Service	WI Uniqu	e Well #	of Replacen	nent Well			The state of the s	<u> </u>	1	<u></u>	[v]
Sampling Complete	<del>and the state of the second o</del>						1 piping remo	oved?	<u>L</u>	_JYes	∐No	$[X]_{N/A}$
3. Well / Drillhole / Bon						Liner(s) re			L_ [	_lYes	L-INo	
Monitoring Well .	Ю	riginal Con		Date (mm/c	id/yyyy)	Screen re			<u> </u>	Yes	H <sub>No</sub>	[X] <sub>N/A</sub>
Water Well	<u> </u>		8/1/20	U17		Casing let	ft in place?		<u>_</u>	_Yes ¬		[x] <sub>N/A</sub>
X Borehole / Drillhole		f a Well Cor slease attac		Report is a	vailable,	Was casir	ng cut off bel	ow surface?	į,	Yes	L No	[X] <sub>N/A</sub>
	1 1	nease anac	11.			Did sealin	ig material ri:	se to surface?	<u>[</u> 2	Yes	LI No	∐N/A
Construction Type:				٦_			ial settle afte		Ļ	_Yes	[X] <sub>No</sub>	I IN/A
# 1 T	riven (Sa	andpoint)	느	Dug			, was hole re		u budratad -	Yes	LI No	X N/A
X Other (specify): Ge	oprobe					with water	from a know	used, were the n safe source?	y riyurareu	x] <sub>Yes</sub>	∐ <sub>No</sub>	□ <sub>N/A</sub>
Formation Type:								ng Sealing Mat				
[X] Unconsolidated Form	ation		Bedrock	:			ctor Pipe-Gra	7 7	uctor Pipe-Pur	•		
Total Well Depth From Gro	und Sur	face (fl.) C	asing Dia	imeter (in.)			ed & Poured nite Chips)	[X] Other	(Explain): G	ravity		<del></del>
	10					Sealing Mate	rials				Barring - 2 10-775	
Lower Drillhole Diameter (i	n.) 2	c	asing De	pth (ft.)		☐ Neat C	ement Grout		L Clay-Sa	and Slui	т <b>у (11</b> lb	Jgal. wt.)
		<u>l_</u>				_  ∐ Sand-(	Cement (Con-	crete) Grout			i Slurry '	• 11
Was well annular space gr	outed?		es [	No 🗆	Unknow	Concre			Bentoni		S	
If yes, to what depth (feet)		Donth t	o Water	(feet)				Monitoring We				
it les' in mor achin foods		Copui	0 170101			X Benton			Bentonite - Ce			
THE RECOVERY METRIC IN COMPLETE COM-	સ્થર (૧,૦૨૦ પ્રો <b>ન્ટ</b> (	NAMES (SEE SEC.)	H(15000.389)]1	8	4119175 - TOUR	CONTRACTOR SANCES	ar Bentonite		Bentonite - Sa	nd Slun	<u>y</u>	
5. Material Used To Fill \	Well / Dr	illhole			384 C	From (ft)	To (fL)	Pound	ls			<u></u> .
Medium Bentonite Chip	s	,				Surface	10	1:	5			
,		•										
6. Comments	6.4				Jan 19		Ž ve s vež		All Lines And	6 600 FP 6 96527	ing a	
Geoprobe Boring G-2				TET CO								
Abandoned by Geiss So	Marian Land	nples, LLC	under M	IETCO sup	ervision	54.55 S.			on to all the second agree on	e seemete	.#95×5:5: ****	24030.P52791
7. Supervision of Worl	4 1 1 1 1 1	end yeller state of the			e gratica	alanting (A)	Koria Zar	an bassanda	DNR:Us			
Name of Person or Firm D	oing Filli	ng & Sealin	g Licen	\$ <b>e</b> #	Date of	illing & Sealing & Sealing	g (mm/dd/yy	yy) Date Rece	yeu .	loted B		
Eric Dahl (METCO)					<u> </u>	8/1/2017	- har	Comments	men periode e Diskut de la company		ANTENNAME TO STATE OF THE STATE	E-Valt 2
Street or Route	atta Stua	et, Suite 3			l	elephone Nun		- John Ments				200 ili.
City	ene sue	, <u>, , , , , , , , , , , , , , , , , , </u>	State	ZIP Code		( 608 ) 781-6	76rson Doir	Nork	isolinikalijanijai. F	ate Sig	danalisti. Don	padacon
La Crosse			WI	54603-		Janatu Bool	9	IS TTVIN	ľ		31//	フ
22 01000			111	37003-		The f	150					

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

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

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

Route to:

Verification Only of	Fill and Se	eal		Drinking \ Waste Ma		=	Vatershed/Wa Other:	stewater	[X]Remedi	ation/Redeve	elopment
1. Well Location Informa	tion		<del>i garar</del> Allabata			2. Facility	/ Owner Info	rmation	yang bandan. Nasabbanda		
County M	I Unique Well emoved Well	# of	Hicap	)#		Facility Name		d Car Wash			
MILWAUKEE _						Facility ID (F	(D or PWS)	, , , , , , , , , , , , , , , , , , ,	····		· · · · · · · · · · · · · · · · · · ·
Lattitude / Longitude (Degree	es and Minute	s) Metho	d Cod	e (see ins	tructions)	,,		341070620	)		
43_ • _5.6	_ <del></del> '	N				License/Perr	nit/Monitoring				
87 • 56.48		w					_				
	Sectio		vnship	Range		Original Well	Owner				
414 SW 4 SW		1		22	<u> </u>	_	Don	ald Miller			
or Gov't Lot#	6	7	<i>(</i>	N 22	W	Present Well	Owner	· · · · · · · · · · · · · · · · · · ·			
Well Street Address							Do	nald Miller			
2335 W Atkinson Avenue		·	1			Mailing Addr	ess of Presen	l Owner			
Well City, Village or Town			- 1	ell ZIP Co	æ			2433 W. F	Roosevelt Dr	ive	
Milwaukee				53209-		City of Prese	ent Owner		State	ZIP Code	
Subdivision Name			Lo	ot#			Milw	aukee	WI	53209-	
		1-1 XAZ-	11 45 5	Contract	ant that	4. Pump, L	.iner, Scree	r, Casing & Se	aling Mate	rial	
Reason For Removal From	Setaice last a	Jnique We	ii # 01	Kehiaceiii	ICILL A ACH	Diagra and	d piping remov	الم		Yes DNO	$[x]_{N/A}$
Sampling Complete		,	<del></del>			,	•			Yes DN	fw/l
3. Well / Drillhole / Bore			] <u>(j),/j.</u> :			Liner(s) re				Yes DN	1-7
Monitoring Well	Original	Construct			(d/yyyy)	Screen re			<u> </u>	1	fvl
		A PARTICIPATION OF THE PARTIES OF TH	1/201			1	ft in place?			Yes ∐No	
<del></del>	Water Well  If a Well Construction Report is available please attach.							w surface?		lYes I⊸lNo	
X Borehole / Drillhole	piease	ацаст.	<del>_</del>	<del>,</del>		Did sealir	ng material rise	e to surface?	LA.	Yes UN	211111
Construction Type:						Did mater	rial settle after	24 hours?	***************************************	Yes [X]N	
Drilled Dr	iven (Sandpoi	nt)	L	Dug			, was hole rete		L	Yes LIN	X N/A
X Other (specify): Geo	probe					If bentonii with water	te chips were ι r from a knowr	ised, were they h safe source?	<sup>nydrated</sup> [x	lyes $\square_{N^c}$	
Formation Type:								g Sealing Materia		<u> </u>	
X Unconsolidated Forma	dina	Пвеd	rack			Condu	ctor Pipe-Grav	ity Conduct	tor Pipe-Pum	ped	
Total Well Depth From Grou		<del></del>		nater fin 1			ned & Poured	[x] Other (E	xplain): Gr	avity	
rotal vveli Depth From Grot	лю запасе (і 12	L) Casing	Ulan:	seter (iii.)		(Bemo Sealing Mate	nite Chips)				
Lower Drillhole Diameter (ir		Casing	Dent	h (0 \			Cement Grout		Clay-Sai	nd Slumy (11	lb./gal. wt.)
FOME: DIMINOS DIGNICICI (II	2	Casar	, och	ar (ic.)			Cement (Conc	rete) Grout		e-Sand Slum	
						T Conce	•	,	Bentonit		•
Was well annular space gro	uted?	Yes		No L	Unknown			donitoring Well E			
If yes, to what depth (feet)?	D	epth to Wa	iter (fe	eet)		[X] Benton			ntonite - Cen		
•				8			lar Bentonite		ntonite - San		
	Granda de Cas		1325 G.S.	3 64 33 74	Kaliza Jako	0.32550 SB085555	HAS GREAKEN	ξ\[	4415440004545456	1	, <u>, , , , , , , , , , , , , , , , , , </u>
5. Material Used To Fill V	Vell / Drillhold		10.12			From (ft.)	To (fL)	Pounds			
Medium Bentonite Chips	3				and an initial of the state of	Surface	12	18			
6. Comments										Žėžinisti.	
Geoprobe Boring G-3 Abandoned by Geiss So	il & Samples,	LLC und	er ME	ETCO sup	ervision						
7. Supervision of Work	Children I						22.23		DNR Us	e Only	
Name of Person or Firm Do		Sealing T	icense	e #	Date of F	illing & Sealir	ng (mm/dd/yyy	y) Date Receive	it has in the same way	oted By	
Eric Dahl (METCO)				- *		8/1/2017			Brack Sale		HE LETT
Street or Route					i I	elephone Nu	mber	Comments	r in division		
	ette Strect, Su	ite 3			l.	(608) 781-					
City		Stat	e l	ZIP Code		The Bright	F Person Doin	g Work	D	ate Signed	
La Crosse	٠.	W	- 1	54603-			1/			8/3(/	17

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

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Route to:

Verification Only of F	ill and Seal	r-	Drinking \ \[ \begin{align*}	Water anagement	=	/atershed/Wa	stewater	[x]	Remedia	ition/Redeve	lopment
1. Well Location Informati	on	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	reflex <sup>ext</sup> / x		2. Facility	Owner Info	ormation				
Ren	Jnique Well # noved Well	of Hica	<b>p#</b>		Facility Name		nd Car Wa	:h	·		
MILWAUKEE					Facility ID (FI	D or PWS)					
Lattitude / Longitude (Degrees		Method Co	de (see ins	tructions)			34107	0620			
43_ • _5.6	'N				License/Perm	it/Monitoring	#				
<u>87</u> <u>• 56.48</u>	'w	l									
74174 SW 74 SW	Section	Townsh	ip Range	[x] E	Original Well						
or Gev't Lot #	6	7	N 22	Ĥw			nald Miller				
Well Street Address	t				Present Well		1 4 3 4 2 1 -	_			
2335 W Atkinson Avenue					( 0 - 200 - 1 0 d d - 2		nald Mille	r		<del> </del>	<del></del>
Well City, Village or Town			Vell ZIP Co	de	Mailing Addre	ess of Presen		W Page	evelt Dri	vo.	
Milwaukee			53209-		City of Prese	nt Owner	24.7.		State	ZIP Code	······· <del>······························</del>
Subdivision Name			ot#		City of riese		aukee		WI	53209-	
		ļ				Iner, Scree		g Sanli	TECTIVE (1982)	224. (2	
Reason For Removal From Se	rvice WI Uni	que Well # c	f Replacen	ent Well	FT 1 1 12 14 14 14 16 16 16 16 16 16 16 16 16 16 16 16 16	6.1 1457 <u>35 IBAGET AL</u>	1 10 7 34 31 4 32 3	W 5200H			[v]
Sampling Complete					Pump and	piping remov	ved?			Luming.	[X] <sub>N/A</sub>
3. Well / Drillhole / Boreh	ole Informati	on			Liner(s) re	moved?				Yes ⊣No	
	Original Co	onstruction l	Date (mm/d	ld/yyyy)	Screen rei	moved?			<u> </u>	Yes HNo	
Monitoring Well		8/1/20	17		<u>Casing lef</u>	t in place?				Yes ∐No	
Water Well	If a Well C	Construction	Report is a	vailable,	Was casir	g cut off belo	w surface?	•		Yes LNo	X <sub>N/A</sub>
X Borehole / Drillhole	please att	ach.			Did sealin	g material ris	e to surface	€?	X	Yes □No	
Construction Type:			_		Did mater	ial settle after	r 24 hours?		빌	Yes [X] No	
Drilled Driv	en (Sandpoint)		Dug	7.5		was hole ret				Yes LINC	$[X]_{N/A}$
X Other (specify): _Geopi	obe				If bentonit	e chips were i from a knowr	used, were n safe sourc	they hydra :e?	ated [x]	Yes No	. □ <sub>N/A</sub>
Formation Type:						hod of Placin					······································
X Unconsolidated Formation	ſ	Bedrock			Conduc	tor Pipe-Grav	vity 🔲 Co	nductor F	ipe-Pum	oed	
Total Well Depth From Groun			mater fin \			ed & Poured	[x] <sub>Ot</sub>	her (Expla	in): <u>Gra</u>	vity	
total well bepin From Groun	11	Casing Dia	Macres from		Sealing Mate	nite Chips)					
Lower Drillhole Diameter (in.)		Casing De	oth (ft.)			ement Grout			Clay-San	d Slurry (11	b./gal. wt.)
EOTIC: Emilion Stations (m)	2		,		Sand-C	ement (Conc	rete) Grout		Bentonite	-Sand Sturry	स श
		1	1 🗖		Concre		-		Bentonite	Chips	
Was well annular space grou		JYes L	JNo ∟	Unknown	For Monitorir	ng Wells and I	Monitoring	Vell Borel	holes Onl	y:	
If yes, to what depth (feet)?	Dept	h to Water	(feet)		X Benton	ite Chips		<del></del>		ent Grout	
			8		Granul	ar Bentonite		Benton	ite - Sano	Slurry	
5. Material Used To Fill We	ll / Drillhole				From (ft.)	/To (ft.)	Por	ınds			į
Medium Bentonite Chips					Surface	11		16.5	tal and the desired		
									· · · · · · · · · · · · · · · · · · ·	ļ	
							<u> </u>		and the second second		Tourse minutes
6. Comments							i in helitat	heren	dî winas		Martin R
Geoprobe Boring G-4 Abandoned by Geiss Soil	& Samples, Ll	LC under M	ETCO sup	ervision							
7. Supervision of Work	2.10			ray all records Tooling and the con-	TANKS TANKS OF SE				ONR Use	Only	
Name of Person or Firm Doir	ng Filling & Sea	aling Licen	se#	Date of F	illing & Sealin	g (mm/dd/yy)	yy) Date R	celved	No.	ted By	ÇKÇAL İ
Eric Dahl (METCO)	·-			1	8/1/2017		300		in the	HALLEN	HWH.
Street or Route				T	elephone Nur	nber	Comme	rits			
709 Gillett	e Street, Suite	3			(608) 781-		100 (40)	reaction is		PARTITION PORTON PAR	\$2[\$42]4.85.55.
City		State	ZIP Code		Signature e	Person Doin	ig Work		Da	te Signed	7
La Crosse		WI	54603-			<u> </u>	<del></del> -			0(71/	
						-					

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

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

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Route to:

Verification Only of F	Fill and Seal		Drinking V Waste Ma		<del></del>	/atershed/Wa ther:	stewater	[X]Remedia	tion/Redevelopn	nent			
1. Well Location informat	on and d		W. W.		2. Facility	Owner Info	rmation						
	Unique Well # of	Hicar	) <b>#</b>	- 18 11.5	Facility Name		13.7.7.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2					
Re	moved Well					Ellis Han	d Car Wash						
MILWAUKEE			la fama last		Facility ID (FI	D or PWS)	,						
Lattitude / Longitude (Degree: 43 • 5.6	- 1	tetnoa Coa	e (see ma	tructions)			341070620						
	'N				License/Perm	it/Monitoring	#						
<u>87</u> • <u>56.48</u>	·w						www.						
414 SW 14 SW	Section	Township	Range	[x] E	Original Well		11540						
or Gov't Lot #	<del></del>	7	N 22	Ĥw	D		ald Miller						
Well Street Address			. 7.2-1		Present Well		nald Miller						
2335 W Atkinson Avenue					Mailing Addre			<i></i>		<del></del>			
Well City, Village or Town	WWW. WARRANT CO. CO. CO. CO. CO. CO. CO. CO. CO. CO.	M	ell ZIP Co	de	Islamid Vacie	300 011 100011		Roosevelt Dri	ve				
Milwaukee		1	53209-		City of Preser	nt Owner		State	ZIP Code				
Subdivision Name		Lo	ot#		0.0, 0.1.000		aukee	WI	53209-				
					A December of the Common Continue Constitution Material								
Reason For Removal From S	ervice Wi Uniqu	e Well # of	Replacem	ent Well			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			(Ī.,			
Sampling Complete					Pump and	piping remov	red?	· · · · · · · · · · · · · · · · · · ·	F-3 f-v				
3. Well / Drillhole / Boreh	the state of the s	2.0			Liner(s) re	moved?		F1					
	Original Con	struction D	ate (mm/d	d/yyyy)	Screen rei			m		N/A			
Monitoring Well		8/1/201	17		Casing lef	t in place?			the state of the s	[N/A			
Water Well	If a Well Co		Report is a	vailable,	Was casin	ng cut off belo	w surface?			N/A			
X Borehole / Drilihole	please attac	<i>វ</i> ħ.			Did sealin	g material rise	e to surface?		Yes LINC L	⊒N/A			
Construction Type:					Did materi	ial settle after	24 hours?	닐		N/A			
Drilled Driv	ven (Sandpoint)		Dug			was note rete				Y <sub>N/A</sub>			
X Other (specify): Geop	robe				with water	e chips were t from a knowr	used, were they had a safe source?	iyorated [x]	Yes 🗆 No 🗆	] <sub>N/A</sub>			
Formation Type:							g Sealing Materi						
X Unconsolidated Format	ion <b>T</b>	Bedrock					rity 🔲 Conduc						
Total Well Depth From Groun		asing Dian	neter (in.)		Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity								
, o.a., v. o., - ap v	12		` ,		Sealing Materials								
Lower Drillhole Diameter (in.	) [	asing Dep	th (ft.)		Neat C	ement Grout		Clay-San	d Slurry (11 lb./g	al. wt.)			
•	2				Sand-Cement (Concrete) Grout Bentonite-Sand Sturry "								
	itaria D	Yes 🔲	No 🔲	Unknown	Concre			Bentonite	•				
Was well annular space grou				Citia (Citia	. For Monitorir		Monitoring Well E						
If yes, to what depth (feet)?	Depth	to Water (f	eet)		X Benton		ونننم	ntonite - Cem					
			7		Granul	ar Bentonite	LJ ⊖e	ntonite - Sanc	l Slurry	<del>, .,,</del>			
5. Material Used To Fill W	ell / Drillhole				From (ft.)	To (ft.)	Pounds		The state of the s				
Medium Bentonite Chips					Surface	12	18	. N. d Sab an America					
	-												
										ajornosi (a.f.).			
6. Comments		a Dian				Negel Will			ingredigasi (1.2	A. 15 48.			
Geoprobe Boring G-5 Abandoned by Geiss Soil	& Samples, LLC	under MI	ETCO sup	ervision									
7. Supervision of Work			de de la se	tanana	il de Salas III.			DNR Use	Only				
Name of Person or Firm Dol	ng Filling & Seali	ng Licens	e#	Date of F	illing & Sealin	g (mm/dd/yyy	y) Date Receive	dia ligita <b>N</b> o	ted By				
Eric Dahl (METCO)				8/1/2017									
Street or Route				Ī	Telephone Number Comments								
· · · · · · · · · · · · · · · · · · ·	te Street, Suite 3				608) 781-		12.12		Higher Street	50 4 1 5 V 1 5 S			
City			ZIP Code		Signature of	Person Doin	g Work	P	te Signed				
La Crosse		WI	54603-			1 m			7/21/1/				

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	Rot	ute to: Drinking Waste M	Water lanagemer		Vatershed/Wa:	stewater	[x]	Remedia	ation/Redeve	lopment		
1. Well Location Information			est 18		2. Facility	/ Owner Info	rmation						
County Wi Uni	que Well # of red Well	Hica	ip#		Facility Name				*10000				
MILWAUKEE	CO AACH						ıd Car Wa	ash					
Lattitude / Longitude (Degrees an	d Minutes) h	tethod Co	de (see in	structions)	Facility ID (FI	D or PWS)							
43 • 5.6	'n		<b>400</b> (400 H.	J. 40054.10,		5.22 A 4. 4		70620					
87 • 56.48	N					nit/Monitoring	#						
%1% SW % SW	Section	Townsh	ip Rang	e [x] E	Original Well		ald Mille						
or Gov't Lot #	6	7	N 22	Ħν	Present Well		ald Willic	1					
Well Street Address		<u> </u>		;:n:	Present vven		nald Mill	er					
2335 W Atkinson Avenue	The second secon				Mailing Addn	ess of Present	t Owner						
Well City, Village or Town		M	Vell ZIP Co	ode	•		243	3 W. Roos	evelt Dri	ve			
Milwaukee			53209-		City of Prese	nt Owner			State	ZIP Code			
Subdivision Name		<u> </u>	.ot #			Milwa	aukee		WI	53209-			
Reason For Removal From Servi	oo Militaiau	na Main # o	f Replacer	nent Well	4. Pump, L	Iner, Screer	n, Casin	y & Seali	ng Mater	ial			
Sampling Complete	CE PIN Oraqu				Pump and	piping remov	/ed?			Yes □No			
3. Well / Drillhole / Borehole	Informatio	n			Liner(s) re	moved?				Yes ∐No			
	Original Con	7.51 5 5 2.55	Date (mm/	dd/yyyy)	Screen re	moved?				Yes $\square$ No	$[x]_{N/A}$		
Monitoring Well		8/1/20			1	t in place?				Yes No	[x] <sub>N/A</sub>		
Water Well	if a Well Co		Report is a	available,	Was casir	ng cut off below	w surface	?		Yes 🔲 No	[X] <sub>N/A</sub>		
X Borehole / Drillhole	please attac	ch.			Did sealin	g material rise	e to surfac	ce?	[X]	Yes 🗆 No	A		
Construction Type:		_	-		Did mater	ial settle after	24 hours	?		Yes XNo			
Drilled Driven	(Sandpoint)		Dug			was hole reto				Yes ∐No	[X] <sub>N/A</sub>		
X Other (specify): Geoprob	S		***************************************		If bentonit with water	e chips were u from a known	ised, were I safe soul	they hydr rce?	ated [x]	Yes $\square$ No	. □ <sub>N/A</sub>		
Formation Type:		<del></del>			جنس ا	thod of Placing	- puni						
[X] Unconsolidated Formation		Bedrock				ctor Pipe-Grav		onductor f					
Total Well Depth From Ground S	urface (ft.) C	asing Dia	meter (in.)		Screened & Poured (Bentonite Chips)  Sealing Materials  [X] Other (Explain): Gravity								
Lower Drillhole Diameter (in.)	- k	asing Der	oth (ft.)	<del></del>		ement Grout			Clay-San	d Slurry (11 l	b./gal. wt.)		
2	2				Sand-(	ement (Concr	rete) Grou	t 🔲	Bentonite	-Sand Slurry			
Was well annular space grouted	, П	Yes [	No L	Unknowr	Concre				Bentonite	•			
				, 4,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	For Monitorii	ng Wells and N	Monitoring 	Lancard .					
If yes, to what depth (feet)?	Deptit	to Water (			X Benton				ite - Cem				
The first for the continuous and impacts to set a length		o uduso člužije:	7	Country of the Countr	12 X222117 W635 9: ALE	ar Bentonite	esr -	Bentor	ite - Sand	Slumy			
5. Material Used To Fill Well /	Drilihole				From (fL)	To (ft.)	Po	unds					
Medium Bentonite Chips				c. I clairing any ann	Surface	12		18		<u> </u>	<del></del>		
										<u> </u>			
6. Comments							533 77	Ninka is	UN 1885	Val.	ing remarks		
Geoprobe Boring G-6	Complex 116	under M	FTCO eur	arvision	alienten ella Heil Velt	<u> gringus rusansku</u>	: 228. 119 <u>. 1</u> . 1			(1-1000 PS-02-02-02-02-02-02-02-02-02-02-02-02-02-	- 131.0503 * 1 9.5%		
Abandoned by Geiss Soil & S  7. Supervision of Work	ampies, LLC	anuci M	ETCO sul	A VISION					INR Use	Only			
Name of Person or Firm Doing F	ilina & Spali	ng Licens	ee #	Dale of I	illing & Sealin	a (mm/dd/ww	v) Date R	eceived		led By			
Eric Dahl (METCO)	g w Ocos	The state of the s	<del></del>	VI	8/1/2017	_ v····································		HELLENIE S			อัฟจ์สีสัน สม		
Street or Route		1		T	elephone Nur	nber	Comm	ems	1 11 11 11 11 15 2		tijasija ir		
709 Gillette S	treet, Suite 3			1	(608) 781-	8879	Zana.				45 PF 355 FF S		
City		State	ZIP Code	:		Person Doing	g Work		Da	te Signed			
La Crosse		WI	54603-		$JZ_{-}$	1/er		***************************************		3191/17			

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

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

Page 1 of 2

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

Route to:

Verification Only of Fi	ll and Seal		Drinking Wa		Watershed/Wastewater [X] Remediation/Redevelopment						
1. Well Location information	<b>Vi</b> riavelence					/ Owner Inf	omation				
	Inique Well # o	l Hic	ap#	19,4111	Facility Name		Simouon	<u> :125}0753, 28264, 27, 2, 147, 43</u> "	al-Matrice Augusta		
MILWAUKEE Rem	oved Well		•		•	Ellis Hai	nd Car Wash				
					Facility ID (F	ID or PWS)					
Lattitude / Longitude (Degrees 43 5.6		netnoa Co	xde (see instru	ictions)			34107062	20			
	'N				License/Perr	nit/Monitoring	#				
<u>87</u> • <u>56.48</u>	·w			- —							
1/1/4 SW 1/4 SW	Section	Townsh	ip Range	χ]E	Original Well						
or Gov't Lot #	<b>-</b>   6	7	N 22	H 137			nald Miller				
Well Street Address					Present Well		1.5 8.6711				
2335 W Atkinson Avenue					Line (Control Andria		nald Miller			·····	
Well City, Village or Town			Well ZIP Code	!	Mailing Addr	ess of Preser		Roosevelt Dr	ino		
Milwaukee			53209-		City of Prese	mt Owner	2433 YY.	State	ZIP Code		
Subdivision Name			Lot#		City of Frese			WI	53209-		
		1			an Santifications	THE RESERVE OF THE PERSON NAMED IN	aukee	<del></del>			
Reason For Removal From Ser	vice Wi Uniqu	e Well#	of Replacemen	t Well	4. Pump, L	iner, Scree	n, Casing & :	sealing mate	nal ( )	7 7	
Sampling Complete					Pump and	1 piping remo	ved?	<u>L</u>	Yes LNo		
3. Well / Drillhole / Boreho	le Informatio	П	10.0		Liner(s) re	emoved?		<u>L</u>	Yes ∐No	4 -	
	Original Con	struction	Date (mm/dd/y	/ууу)	Screen re	moved?		<u>L</u>	Yes No		
Monitoring Well		8/2/20	117		Casing le	ft in place?			Yes No	[X] <sub>N/A</sub>	
Water Well	If a Well Co	nstruction	Report is avail	lable,	Was casir	ng cut off belo	w surface?		Yes ONC	$[x]_{N/A}$	
X Borehole / Drillhole	please attac	<b>ो.</b>			Did sealin	ig material ris	e to surface?	[X	lyes □Nc	□ <sub>N/A</sub>	
Construction Type:					1	ial settle after		<del></del>	$]_{Yes}[x]_{Nc}$	Пуд	
Drilled Drive	n (Sandpoint)		Dug			, was hole ret		[	lyes DNo	X <sub>N/A</sub>	
X Other (specify): Geopre	be	·			If bentonit	e chips were	used, were they a safe source?	المحقمة مطا	lyes DNo		
Formation Type:							g Sealing Mate		11 to Las 14C	14/74	
[X] Unconsolidated Formation	. —	1 Da dan ak			l —		rity Condu		ped		
		Bedrock			Screen	ed & Poured	' : :	(Explain): Gr	,		
Total Well Depth From Ground	12	asıng Dia	meter (in.)			nite Chips)		CAPILATO,			
Lower Drillhole Diameter (in.)		asing De	ath (ft \		Sealing Mate	enais Sement Grout		T Clay Sar	nd Slurry (11 l	h/mal.urt)	
LOWER DIMINOR DIAMETER (III.)	2	asing Del	sui (ic.)			Cement (Conc	rete) Cmut	_ `	e-Sand Slurry	•	
			7		Concre	•	iete) Grout	Bentonit	•		
Was well annular space groute	d?	res _	JNo LJUn	known			Vionitoring Well		•		
If yes, to what depth (feet)?	Depth :	to Water (	feet)		X Benton	_		entonite - Cen	-		
			7.5			ar Bentonite	<del>jesisna</del>	entonite - San			
	erevela very selles "ass			ente, M	te of the Name of	22 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	851 · · · · · · · · · · · · · · · · · · ·	and the second second second second second second			
5. Material Used To Fill Well	h chinicia				From (ft.)	To (ft.)	Pound	·			
Medium Bentonite Chips					Surface	12	18			· · · · · · · · · · · · · · · · · · ·	
		<del>rinning menungan</del>								-,,	
6. Comments				(80,281							
Geoprobe Boring G-7	. C 1		рт <b>со</b>	ılalı							
Abandoned by Geiss Soil &	samples, LLC	under M	EICO superv	1210D	angen wer makke		and of Services Property Co.		Special Control	i i i i i i i i i i i i i i i i i i i	
7. Supervision of Work			× 1			<i>Arakit</i> i		DNR:Us			
Name of Person or Firm Doing	Filling & Sealir	ig Licens	se# Da	ate of Fil		g (mm/dd/yyy	y) Date Recel	red N	Med By		
Eric Dahl (METCO)					8/2/2017		uktaän 🚉 i 🧀	Water State	and white a	SERBART SE	
Street or Route	Ctuant Cuita ?				lephone Nun		Comments				
City	Street, Suite 3	State	ZIP Code		608 ) 781-	8879 <b>Peise<del>n D</del>gin</b>	A Morte		ate Signed		
La Crosse		WI	54603-		- Gridina		y Main	۲,	%/31//	>	
		1	1 0.000			-//					

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

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 identificable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Route to:

Verification Only of Fi	ll and Seal		Drinking Water Waste Manageme	. =	Watershed/Was Other:	stewater	pment		
1. Well Location Information	n an L	To dialida		2. Facility	/ Owner Info	rmation		17 An	
	nique Well # of	Hica	p#	Facility Nam	mana dan kalansa kilanda sa sa kilanda	<u> </u>	The St. Bekinstly - Looper	****	·
MILWAUKEE	oved Well				Ellis Han	d Car Wash			
			are tume traducing	Facility ID (F	ID or PWS)				
Lattitude / Longitude (Degrees a 43 • 5.6	· ·	iemod Co	ide (see instructions	<sup>,</sup>		341070620			
	'N			License/Perr	nit/Monitoring t	#			
<u>87</u> · <u>56.48</u> ·	·w								
1414 SW 14 SW	Section	Townsh	ip Range X E	Original Well					
or Gov't Lot #	<b>-</b> 6	7	N 22 N W			ald Miller			
Well Street Address				Present Well	-	1 5 8 4*31			
2335 W Atkinson Avenue				2 m - 445		nald Miller			
Well City, Village or Town	1.	,	Vell ZIP Code	-Mailing Addr	ess of Present		loosevelt Dri		
Milwaukee		1	53209-	City of Prese	m) Aumar	2433 W. K	State	ZIP Code	
Subdivision Name		Į.	ot#	—City of miese		مناسم	WI	53209-	
				2	Milwa	Market Colored Colored		1	14, 17 A A
Reason For Removal From Ser	vice WI Uniqu	e Well # c	of Replacement Well	-4. Pump, I	aner, Screen	, Casing & Se			7_7
Sampling Complete	1 -			Pump and	i piping remove	ed?	السا		[X] <sub>N/A</sub>
3. Well / Drillhole / Barehol	e Informatio	1		Liner(s) re	emoved?				[X] <sub>N/A</sub>
	Original Con	struction l	Date (mm/dd/yyyy)	Screen re	moved?				[X] NA
Monitoring Well .	:	8/2/20	17	Casing le	ft in place?			Yes L No	$[X]_{N/A}$
Water Well	If a Well Co	struction	Report is available,	Was casi	ng cut off belov	v surface?		Yes No	$[X]_{N/A}$
X Borehole / Drillhole	please attac	h.		Did sealir	ng material rise	to surface?	[X]	Yes $\square_{No}$	$\square_{N/A}$
Construction Type:		·	_	Did mater	ial settle after:	24 hours?		Yes [X]No	□ <sub>N/A</sub>
Dritted Drives	ı (Sandpoint)		Dug		, was hole reto			Yes No	X <sub>N/A</sub>
X Other (specify): Geopro	be			If bentonil	e chips were u	sed, were they his safe source?	ydrated [x]	Yes No	□ <sub>N/A</sub>
Formation Type:			· ··			Sealing Materia		168	(A) h
X Unconsolidated Formation		المستحدا				ty Conduct		oed	
		Bedrock	males (la V	Screer	ed & Poured	[X] Other (E)			
Total Well Depth From Ground	Sunace (II.) C	asıng Dia	meter (m.)		nite Chips)	- Collor (C)	фин.		
Lower Drillhole Diameter (in.)		asing Dep	sth (6.)	Sealing Mate	enais Sement Grout	ſ	7	d Slumy (11 lb.,	itur lend
Lower Districte Districter (in.)	2	asing Det	oer (n.)		Cement (Concre	ete) Cmut		-Sand Siurry "	•
			1 🗂	Concre		ster Orout	Bentonite	•	
Was well annular space groute	qs [7]/	es _	No Unknow	1		onitoring Well B		•	
If yes, to what depth (feet)?	Depth t	o Water (	feet)	X Bentor	-		stonite - Cem		
	E.		7.5		ar Bentonite	-	ntonite - Sand		
5. Material Used To Fill Well	/ Delliesta		Sharing the factor of the same	From (fL)	To (fL)	97	V. 100 - 100		
a a training and an experience of the second		der Zuätelinte	Eligis - Esperings inc	· · · · · · · · · · · · · · · · · · ·	2.0.255.255 0.0323173.775	Pounds	······································	<u> </u>	
Medium Bentonite Chips				Surface	12	18			
	•				<del>                                     </del>			<u> </u>	<del></del>
The state of the s				n olenatin sakat		ente appointment a passa.	053984 Sec. J. 110 4389	518350411 0000 0 445, c. oct	c 100000543
6. Comments	and the second s								
Geoprobe Boring G-8 Abandoned by Geiss Soil &	Samules I.I.C	under M	ETCO supervision						
7. Supervision of Work	Samples, Ede	Wilder IV	DA CO Super vision		- 14 A 4 A 4 B 4 B 4 B 4 B 4 B 4 B 4 B 4 B		DNR Use	<b>Mark</b>	
Name of Person or Firm Doing	Ellion & Caslin	a Licons	n # Dala of	Tilling & Spolin	g (mm/dd/yyyy	) Date Receive		ted By	
Eric Dahl (METCO)	i ming a ocam	y Libera	Date Of	8/2/2017	a munaayyyy				
Street or Route				Telephone Nur	nber	Comments	1 (2) (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	ng sa sa sampid dinagan sa i Badan dinagan dinagan sa sa sa sa sa sa sa sa sa sa sa sa sa	onaj vili s 🖑 Sjojav Hris
	Street, Suite 3			(608) 781-					
City	15.2.2.1.2.2000	State	ZIP Code		Person Doing	Work	Da	te Signed	<u> </u>
La Crosse		WI	54603-	12_	[hu		1	3/3//()	)

#### Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) Page 1 of 2 Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information Route to: X Remediation/Redevelopment Drinking Water Watershed/Wastewater Verification Only of Fill and Seal Waste Management Other: Facility / Owner Information 1. Well Location information County WI Unique Well # of Hicap # acility Name Removed Well Ellis Hand Car Wash MILWAUKEE acility ID (FID or PWS) Lattitude / Longitude (Degrees and Minutes) Method Code (see instructions) 341070620 5.6 icense/Permit/Monitoring # 56.48 ٠.٧ Onginal Well Owner Range 1/4/1/4 SWSection 5 ownship SW [<sub>X</sub>] E Donald Miller or Gov't Lot # 6 7 22 N resent Well Owner Well Street Address Donald Miller 2335 W Atkinson Avenue Mailing Address of Present Owner Well ZIP Code Well City, Village or Town 2433 W. Roosevelt Drive Milwaukee 53209-City of Present Owner State ZIP Code Subdivision Name \_ct# 53209-Milwaukee Pump, Liner, Screen, Casing & Sealing Material Wi Unique Well # of Replacement Well Reason For Removal From Service Pump and piping removed? J No Sampling Complete No Liner(s) removed? 3. Well / Drillhole / Borehole Information \_\_\_Yes L No Original Construction Date (mm/dd/yyvy) Screen removed? Monitoring Well 8/2/2017 Casing left in place? Water Well If a Well Construction Report is available, Was casing cut off below surface? X Borehole / Drillhole please attach. X<sub>Yes</sub>  $\square_{No}$ Did sealing material rise to surface? Construction Type: Dyes [X]No Did material settle after 24 hours? Driven (Sandpoint) Dug Drilled If yes, was hole retopped? □Yes □No If bentonite chips were used, were they hydrated with water from a known safe source?  $[x]_{Yes}$ X Other (specify): Geoprobe Required Method of Placing Sealing Material Formation Type: Conductor Pipe-Gravity Conductor Pipe-Pumped X Unconsolidated Formation Bedrock Screened & Poured X Other (Explain): Gravity Total Well Depth From Ground Surface (ft.) Casing Diameter (in.) (Bentonite Chips) Sealing Materials 12 Neat Cement Grout 🔟 Clay-Sand Slurry (11 lb./gal. wt.) Lower Drillhole Diameter (in.) Casing Depth (ft.) Sand-Cement (Concrete) Grout Bentonite-Sand Slurry " " Bentonite Chips Concrete Unknown Was well annular space grouted? Yes or Monitoring Wells and Monitoring Well Boreholes Only: Depth to Water (feet) If yes, to what depth (feet)? Bentonite - Cement Grout X Bentonite Chips Bentonite - Sand Slurry Granular Bentonite 5. Material Used To Fill Well / Drillhole To (ft.) From (ft) **Pounds** Surface 18 Medium Bentonite Chips 12 Comments

Geoprobe Boring G-9

Abandoned by Geiss Soir & Samples, LLC (	inder METCO supe	.1 4131011	
7. Supervision of Work			DNR Use Only
Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)	Date Received Noted By
Eric Dahl (METCO)		8/2/2017	
Street or Route		Telephone Number	Comments
709 Gillette Street, Suite 3		( 608 ) 781-8879	
City	State ZIP Code	Signature of Person Diging V	Nork Date Signed
La Crosse	WI 54603-	19 -4 len	10/31/17

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

Page 1 of 2

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

Route to:

Verification Only o	f Fill and Se	al		Orinking Wat Vaste Mana		=	Vatershed/W Other:	astewater	[x	]Remedi	ation/Redev	elopment
1. Well Location inform	ation			jua ka		2. Facility	/ Owner In	ormation	S. S.T.			
	M Unique Well Removed Well	# of	Hicap #			Facility Name	9 9	nd Car Wasl	1	Market C. C. etc.	n inggan sa gasa naga	
				Canalinate	***	Facility ID (F	ID or PWS)					
Lattitude / Longitude (Degre 43 5.6		1	Code	(see instruc	cuons)			341070	620			
	<del></del>	N				License/Perr	nit/Monitoring	<b>;</b> #				
<u>87</u> • <u>56.48</u>	<u> </u>	w										
14/4 SW 14 SW	/ Section	1 Tow	nship	Range <sub>I</sub>	v1E	Original Well						
or Gov't Lot #	6	7	· 1	ı 22	Ĥw∫			nald Miller				
Well Street Address						Present Well						
2335 W Atkinson Avenue								onald Miller				
Well City, Village or Town			√Vel	I ZIP Code		Mailing Addr	ess of Prese		W Dan	sevelt Dri		
Milwaukee			5	3209-		City of Prese	nt Owner	2433		State	ZIP Code	
Subdivision Name			Lot	#		City of Prese				WI	53209-	
							- marin i a melopletopolestus	vaukee		200 000 000 000	1	4.53.5
Reason For Removal From	Service WIU	nique Wel	# of R	eplacement	Well	4. Pump, L	iner, Scree	n, Casing (	* Sealt	ng mara	<u> </u>	T. 3
Sampling Complete						Pump and	l piping remo	ved?			Yes L	o [X] <sub>N/A</sub>
3. Well / Drillhole / Bore	ehole Informa	ition				Liner(s) re	emoved?			ᆜ	Yes ∐N	o [X] <sub>N/A</sub>
	Original	Constructi	on Dat	e (mm/dd/y)	ууу)	Screen re	moved?				Yes LN	
Monitoring Well		8/2	/2017			Casing let	ft in place?				Yes LIN	o [X] <sub>N/A</sub>
Water Well	If a Wel	I Construc	tion Re	port is availa	able,	Was casir	ng cut off bek	ow surface?			Yes $\square_N$	<sub>o</sub> [x] <sub>N/A</sub>
X Borehole / Drillhole	please :	attach.				Did sealin	g material ris	e to surface	?	[x]	Yes $\square_N$	o 🗆 N/A
Construction Type:						Did mater	ial settle afte	r 24 hours?			Yes [X]N	o 🗆 N/A
Drilled D	riven (Sandpoir	rt)	D	ug			, was hole rel				Yes $\square_N$	$_{o}$ $[X]_{N/A}$
X Other (specify): Geo	oprobe	M. C.	DOM: NO.			If bentonit	e chips were	used, were th n safe source	ey hydra ?	ated [x]	Yes $\square_N$	o 🗆 N/A
Formation Type:				······································				ng Sealing Ma			100 11	
X Unconsolidated Form	atlan	Bedr	<b></b> -			Conduc	ctor Pipe-Gra	vity Con	ductor F	ipe-Pump	ped	
Total Well Depth From Gro		<del></del>		ior (in )	<del></del>	Screen	ed & Poured	[x] Other	er (Expla	in): <u>Gra</u>	vity	
Total Well Depth Flotil Glo	12	.) Casing	Manne	ser far.)		(Benton Sealing Mate	nite Chips)		AND WATER TO SERVICE THE SERVI			-W-Fall Manning at 17170
Lower Drillhole Diameter (i		Casing	Denth	(ft.)			ement Grout		П	Clav-San	d Slurry (11	lb./gat.wt.)
	2		p	····			Sement (Cond	rete) Grout	П	-	-Sand Sturr	•
		<del></del>	П.,	П		Concre				Bentonite		,
Was well annular space gro		Yes	∐.N		known			Monitoring W	ell Borei	holes Only	y:	
If yes, to what depth (feet)?	? De	pth to Wal	ter (fee	t)		X Benton	ite Chips		Benton	ile - Cem	ent Grout	
				7			ar Bentonite		Benton	ite - Sand	i Sluny	
5. Material Used To Fill V	Vell / Drillhole	in in the second			Allenia (S.)	From (ft.)	To (ft.)	Pour	ıde	And the second s		erreperation of the
Medium Bentonite Chip	And the contract of the second	ARREXENT.	DIBLION.	Sacration and	Thinks, in the fif	Surface	12		18			
executant Dentonate Chip					***************************************	Burrace	14		10			***************************************
							<del> </del>				<del> </del>	<del> </del>
6. Comments		nti ati nti vinj	. 1 AE	Na. 15. Kar (1.)		(40.1)1/2/1955-200	84555 LUIZTAR		.go.da	nggi way		
Geoprobe Boring G-10 Abandoned by Geiss So	il & Samples, I	.LC under	r MET	CO supervi	sion				0.4300000	(Clivelinity)	ALEXAMIAN.	
7. Supervision of World									i jaga	NR Use	Only	
Name of Person or Firm De		ealing Lir	ense#	Dя	te of Fil	ing & Sealin	g (mm/dd/yy)	v) Date Rec	. 1010/1007-0-1-01		ted By	148-1207-09
Eric Dahl (METCO)				Γ"		8/2/2017	Si fireira acam k 1 )	<b>Section</b>				
Street or Route	VERWARE WATER TO THE TENER OF T	I		L	Те	lephone Nun	nber	Commen	<b>S</b> oletine	gankruki		
	ette Street, Suit	e 3				608 ) 781-8						
City		State	ZII	Code			Person Boin	g Work	aa ked sa poti is	Da	te Signed	/
La Crosse	• ,	WI		54603-	Charles and the control of the contr		1/2			9	3/3(/	12

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

Page 1 of 2

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Route to:

Verification Only of Fi	ll and Seal		Drinking Wat		=	Vatershed/Wa	astewater	[x]	Remedia	ation/Redeve	lopment
1. Well Location information	marka da la c		álta átualás	Tue ue	2. Facility	/ Owner Inf	ormation		ille vil	ibio in	
	nique Well # o			20-92-20-CC	Facility Name				44601751125145	, 200 07-00-00-00	
Rem	oved Well				-	Ellis Hai	nd Car Wa	h			
MILWAUKEE					Facility ID (FI	D or PWS)			T		
Lattitude / Longitude (Degrees :	· 1	hethod Co	de (see mstruc	ctions)			34107	0620			
43 . 5.6	'N			8	License/Pern	nit/Monitoring	#				
87 •56.48	·w										
14114 SW 14 SW	Section	Townshi	ip Range <sub>I</sub> .	v]Ē	Onginal Well						
or Gov't Lot #	6	7	N 22	A) ~			nald Miller				
Well Street Address			111 [	77	Present Well						
2335 W Atkinson Avenue							nald Mille	<u> </u>			
Well City, Village or Town		V	Vell ZIP Code		Mailing Addr	ess of Preser		NX/ FD	L D		
Milwaukee		ſ	53209-				2433		evelt Dri		
Subdivision Name			ot#		City of Prese				State	ZIP Code	
							aukee		Wl	53209-	Seleum III.
Reason For Removal From Ser	vice WI Uniqu	ie Well # o	f Replacement	Well	4. Pump, L	lner, Scree	n, Casing	& Seam	ng Mate		1979
Sampling Complete	1.				Pump and	piping remo	ved?			∕es ∐No	X <sub>N/A</sub>
3. Well / Drillhole / Boreho	le Informatio	n			Liner(s) re	moved?				Yes ∐No	
	come a company of the first of		Date (mm/dd/y	ууу)	Screen re	moved?				Yes □No	
Monitoring Well	1	8/2/20	17		Casing lef	t in place?				Yes No	[X] <sub>N/A</sub>
Water Well	if a Well Co	nstruction	Report is avail:	able.		ng cut off belo	w surface?			Yes No	Tw-1
X Borehole / Drillhole	please attac			,	1	g material ris			[x]	Yes $\square_{No}$	
Construction Type:					1	ial settle after				Yes [X]No	
Drilled Drive	n (Sandpoint)		Dug			was hole ret			[1	Yes DNo	[v]
X Other (specify): Geopre			_			e chips were : from a know!		ney hydra	n d a ad	· ferral	
						mom a knowl thod of Placin			L223	Yes Lino	LIN/A
Formation Type:	<b>r</b>	٦			I —	tor Pipe-Gra	·		ine-Pumr	ed.	
X Unconsolidated Formation		Bedrock			_	ed & Poured			i⊓}: <u>Gra</u>		
Total Well Depth From Ground		asing Dia	meter (in.)			rite Chips)	+ 101	ici (Expia	1117. <u></u>		
5.74	12	:	st. 76 \		Sealing Mate	nais ement Grout		П	Class Cons	d Slumy (11 l	h last ud i
Lower Drillhole Diameter (in.)	2	asing Dep	) na (15.)				mated Consul		•	-Sand Slurry	-
	<del>_</del>				Concre	ement (Conc	reie) Giout		Bentonite	•	
Was well annular space groute	d? ∐`	Yes	No LUni	known		ne ng Wells and i	Idonitorian l			•	
If yes, to what depth (feet)?	Depth	to Water (	feet)		X Benton		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<b>~</b>	ile - Cem		
• • • • • •			8		Granul	ar Bentonite	ř		ite - Sand		
		2.42.54.594.29		G (#) '3	A SALE OF STREET, THE SALE OF SALES	一元 公民企业的经验	esr ·····				<b>Va</b>
5. Material Used To Fill Well	Ancintrole	encio secur	enganis Ancim		From (ft.)	Jo(ft.)	Pot	nds	·····		r.
Medium Bentonite Chips					Surface	12		18			
-											
						- 10- 17 a 110 MAG 124	-2000 1000 1000 1000 1000	. We cheep it solve	1136 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ch branch i se branch a i i i	on an early velocity
6. Comments								EDIE.			
Geoprobe Boring G-11 Abandoned by Geiss Soil &	Samples, LLC	under M	ETCO supervi	ision							
7. Supervision of Work		i i e i i.					3.7	<u>.</u>	NR Use	V 120	<b>4</b> 445.3
Name of Person or Firm Doing	Filling & Seali	ng Licens	e# Da	te of F	lling & Sealin	g (mm/dd/yyy	y) Date Re	ceived	No	led By	
Eric Dahl (METCO)					8/2/2017	·					
Street or Route					elephone Nun		Comme	ri <b>ts</b>		क्रास्त्रेज स्थितकार हो।	
	Street, Suite 3			(	608) 781-8		建制管理				
City		State	ZIP Code		Signature of	Person Dein	g Work		Da	le Signed	17
La Crosse		WI	54603-		12-	-/cr	<u> </u>			8/31/	1 /

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

Page 1 of 2

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		R	oute t	o:					
☐ Verification Only of	Fill and Seal		Dri	inking Water		Watershed/W	astewater	XRen	rediation/Redevelopment
	, ,,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	l i	Пwa	aste Managem	ent	Other:			
1. Well Location information			10 NV 10			y / Owner In		TO CONTRACT	
	Unique Well #	se Hi	cap#		Facility Nar		Olliaudii		Vissilisijes. Sližpili is in in e
Re	moved Well	^ ["	oop n		i deany rion	-	nd Car Was	:h	
MILWAUKEE _					Facility (D. (	FID or PWS)	nu car ma	,,,,	
Lattitude / Longitude (Degree	s and Minutes)	Method C	ebo	see instruction	s)	110011110)	341070	3620	
43 • _5.6	'N				License/Per	rmit/Monitoring		3020	•
87 56.48	·w				210011001101		<i>4</i> "		
	Section	Towns		Baa-a	Original We	all Owner	······································		
			-	Range [x]			nald Miller		
or Gev't Lot #	6	7	N	22 🗖 V	Present We	ell Owner			
Well Street Address						Do	onald Miller	•	
2335 W Atkinson Avenue			Tales -	710 O.J.	-Mailing Add	iress of Preser	nt Owner		
Well City, Village or Town			1	ZIP Code			2433	W. Roosevelt	Drive
Milwaukee			<del></del>	209-	—City of Pres	ent Owner		State	ZIP Code
Subdivision Name			Lot#			Milw	vaukee	WI	53209-
Reason For Removal From S	lancina Mil I laig	ua Wall #	of Por	placement Wel	4. Pump,	Liner, Scree	n, Casing	& Sealing M	aterial
	ervice process	ng rych <del>a</del>	or Ivel	piacement vve		nd piping remo	ved2		□ <sub>Yes</sub> □ <sub>No</sub> [x] <sub>N/A</sub>
Sampling Complete  3. Well / Drillhole / Boreh					197.14	removed?	4503		$\square_{\text{Yes}} \square_{\text{No}} [x]_{\text{N/A}}$
2. Asell 1 Distribution 1 DoLett	3 (3) (104 (3) 8 (3) 8 (3) 8 (3)		Data.	(as as fel al less on a)	` '				Tes Divo (X) N/A
Monitoring Well	Original Co	8/2/2		(mm/dd/yyyy)		emoved?			[""] [""] [\J]
Water Well		<del>anner Dahar Mahan</del>	There's involves in			eft in place?			
[X] Borehole / Drillhole	lf a Well C		п Керс	ort is available,	1	ing cut off bek			Yes UNO XIN/A
Construction Type:	pioses and		· ·		Did seal	ing material ris	e to surface	?	[X] <sub>Yes</sub> $\square_{No}$ $\square_{N/A}$
	(O do for O	Г	٦			erial settle afte			LYes X No I N/A
	en (Sandpoint)	L	Dug	1		s, was hole ret			□ <sub>Yes</sub> □ <sub>No</sub> ⊠ <sub>N/A</sub>
X Other (specify): Geop	robe	***************************************	MEANINE STREET		with water	ite chips were ar from a know	n safe sourc	e?	[x] <sub>Yes</sub> $\square_{No}$ $\square_{N/A}$
Formation Type:					Required M	ethod of Placin	ng Sealing M	aterial	
[X] Unconsolidated Formati	ion	Bedroc	k			uctor Pipe-Gra		nductor Pipe-P	umped
Total Well Depth From Groun	nd Surface (ft.)	Casing Di	amete	r (in.)		ned & Poured onite Chips)	[X] Oth	er (Explain): 🔟	Gravity
r.	12	•		, ,	Sealing Ma		ON THE PROPERTY OF A PROPERTY		
Lower Drillhole Diameter (in.)	)	Casing De	epth (ft	i_)		Cement Grout		Clay-	Sand Slurry (11 lb./gal. wt.)
	2				☐ Sand-	-Cement (Conc	rete) Grout	Bento	nite-Sand Slurry " "
Man well conclusion according	ando 🔲	Yes [	No	Unknow	Conci	rete		Bento	nite Chips
Was well annular space grou				Ulikijow	For Monitor	ing Wells and I	Monitoring V	/ell Boreholes	Only:
If yes, to what depth (feet)?	Depth	to Water	(feet)		X Bento	nite Chips		Bentonite - C	ement Grout
				8	☐ Grant	ılar Bentonite		Bentonite - S	and Slurry
5. Material Used To Fill We	ell / Drillhole	18 S. 18			From (ft.)	To (ft)	Pou	nds	32
Medium Bentonite Chips	· Maring Address of	personal value	-27. y . 2767. p	City hospital of City and	Surface	12	537	18	
Trough Date on po		***************************************						10	
						<del>                                     </del>			
6. Comments		1 351 on Acc	-1275		NATION CONTRACTOR		reconsider and	CARROLLE HANGE	
Geoprobe Boring G-12	0 St 114	· · · · · · · · · · · · · · · · · · ·	ARTC	<u> </u>	Shirker of The Cities				
Abandoned by Geiss Soil	& Samples, LLC	. under N	AE I C	o supervision	1510 Y 1		iz granaro	S record a series	
7. Supervision of Work	_ FML_ 8 0		(E. J.)		Cilian C.C"		12 Sec. 201	S A SALE OF SALE CASE A SECTION	ise Only
Name of Person or Firm Doin	ng rilling & Seal	ng Lucer	15e <b>#</b>	Date of		ng (mm/dd/yyy	y) Dale Ke	æived .	Noted By
Eric Dahl (METCO)					8/2/2017		Signal Control	edinologija (če)	errezadan <b>e</b> esta inchesio de
Street or Route	e Cturet C 3				Telephone Nu		Commer		September 19 September 14 September 195
	e Street, Suite 3	LIS STATE AND ADDRESS AND ADDR	ימיל	C	(608) 781				
City La Crosse		State WI	1	Code	Digitature o	d Person Dein	g vyork		Date Signed
La C10886		WI	1 24	4603-	17-		<u> </u>		0/2///

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

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

Page 1 of 2

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	Route to:		
☐ Verification Only of Fill and Seal	Drinking Water	Watershed/Wastewater	X Remediation/Redevelopment
	Waste Managemen	t Other:	
1. Well Location Information		2. Facility / Owner Information	
County WI Unique Well # of	Hicap #	Facility Name	A TOUR SERVICE A SPIN FRANCE SURVEY OF THE TOUR OF THE
Removed Well		Ellis Hand Car Wash	
MILWAUKEE	<u> </u>	Facility ID (FID or PWS)	
Lattitude / Longitude (Degrees and Minutes) Metho	d Code (see instructions)	341070620	
43 <u>· 5.6</u> · _ 'N		License/Permit/Monitoring#	
87 - 56.48 w			
14/14 SW 14 SW Section Tox	wnship Range [x] E	Original Well Owner	
	7 N 22. W	Donald Miller	
Well Street Address	. 14 L VV	Present Well Owner	
2335 W Atkinson Avenue		Donald Miller	
Well City, Village or Town	Well ZIP Code	Mailing Address of Present Owner	
Milwaukee	53209-		oosevelt Drive
Subdivision Name	Lot#	City of Present Owner	State ZIP Code
		Milwaukee	WI 53209-
Reason For Removal From Service WI Unique We	# of Replacement Well	4. Pump, Liner, Screen, Casing & Se	<u> </u>
Sampling Complete		Pump and piping removed?	Yes No X N/A
3. Well / Drillhole / Borehole Information		Liner(s) removed?	□ <sub>Yes</sub> □ <sub>No</sub> [X] <sub>N/A</sub>
Original Construct	lion Date (mm/dd/yyyy)	Screen removed?	□ <sub>Yes</sub> □ <sub>No</sub> [x] <sub>N/A</sub>
	2/2017	Casing left in place?	LYes LNo XIN/A
Water Well If a Well Construc	ction Report is available,	Was casing cut off below surface?	Tyes TNo X N/A
[X] Borehole / Drillhole please attach.		Did sealing material rise to surface?	[X] <sub>Yes</sub> $\square_{No}$ $\square_{N/A}$
Construction Type:	-	Did material settle after 24 hours?	☐Yes [X]No ☐N/A
Drilled Driven (Sandpoint)	Dug	If yes, was hole retopped?	$\square_{\text{Yes}} \square_{\text{No}} [X]_{\text{N/A}}$
X Other (specify): Geoprobe		If bentonite chips were used, were they he with water from a known safe source?	ydrafed [x]Yes Ino In/A
Formation Type:		Required Method of Placing Sealing Materia	
X Unconsolidated Formation Bed	rock	Conductor Pipe-Gravity Conductor	ж Pipe-Pumped
Total Well Depth From Ground Surface (ft.) Casing		Screened & Poured X Other (E) (Bentonite Chips)	optain): Gravity
11	(,	Sealing Materials	WHICH SHARE THE
Lower Drillhole Diameter (in.) Casing	Depth (ft.)	Neat Cement Grout	Clay-Sand Slumy (11 lb./gal. wt.)
2		Sand-Cement (Concrete) Grout	Bentonite-Sand Slumy " "
Was well annular space grouted?	No Unknown	Concrete	Bentonite Chips
		For Monitoring Wells and Monitoring Well Bo	preholes Only:
If yes, to what depth (feet)? Depth to Wa	, ,		tonite - Cement Grout
	8	Granular Bentonite Ben	tonite - Sand Slurry
5. Material Used To Fill Well / Drillhole	The state of the s	From (ft.) To (ft.) Pounds	
Medium Bentonite Chips		Surface 11 16.5	
V V V V V V V V V V V V V V V V V V V	· · • ·		
6. Comments			
Geoprobe Boring G-13	Name of the second		2555 A 18 Sept 1 2 Sept 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Abandoned by Geiss Soil & Samples, LLC unde	r METCO supervision		
7. Supervision of Work		STATE OF THE PARTY	DNR Use Only
	cense # Date of Fi	Iling & Sealing (mm/dd/yyyy) Date Received	Noted By
Eric Dahl (METCO) Street or Route		8/2/2017 elephone Number Comments	erreitige in de la company de la company de la company de la company de la company de la company de la company
ONAAL DI LIORIO		set to tanting Samuette	MARSHALL SERVICE SERVI
709 Gillette Street, Suite 3	17	608 \ 781_8870	
709 Gillette Street, Suite 3 City State		608 ) 781-8879 Signature of Person Doing Work	Date_Signed

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

Page 1 of 2

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Route to:

Verification Only of F	ill and Sea	17	=	nking Water ste Managemei	Watershed/Wastew	ater [X	Remedia	ation/Redevel	opment
1. Well Location information	in in the second				2. Facility / Owner Informa	effon			
	Inique Well i	of Hi	cap#		Facility Name		<u> </u>		
	roved Well		•		Ellis Hand Ca	ar Wash			
MILWAUKEE				1	Facility ID (FID or PWS)		<u> </u>		
Lattitude / Longitude (Degrees		ì	code (s	ee instructions	3.	41070620			
43_ • 5.6	'\	1			License/Permit/Monitoring #				
<u>87                                     </u>	,	v							
74174 SW 74 SW	Section	Fown:	ship	Range [x] E	Original Well Owner				
or Gov't Lot #	6	7	N	22 N	Donald I	VIIIIer			
Well Street Address			L		Present Well Owner	84:11			
2335 W Atkinson Avenue					Donald  Mailing Address of Present Ow				
Well City, Village or Town		-	Well Z	iP Code	Jylaning Address of Fresent Ow	2433 W. Roo	sevelt Dri	ve	
Milwaukee			532	09-	City of Present Owner	2433 11.100	State	ZIP Code	·····
Subdivision Name			Lot#		Milwauke	·e	WI	53209-	
			l		4. Pump, Liner, Screen, Ca	"L" (a) Whatsaring his his core	1200000000	3 m 20 1 10 - 10 - 10 - 10 - 10 - 10 - 10 -	at Bata Jayan
Reason For Removal From Se	rvice WI Ur	nique Well #	of Rep	lacement Well	- <u></u>	· · · · · · · · · · · · · · · · · · ·	- 13		[x] <sub>N/A</sub>
Sampling Complete		AC 32 11 11 11 11 11 11 11 11 11 11 11 11 11		<del></del>	Pump and piping removed?		r-1		far1
3. Well / Drillhole / Boreho					Liner(s) removed?		F3	Yes ∐No	Ev-1
Monitoring Well	Original (			mm/dd/yyyy)	Screen removed?			Yes   No	
		8/2/2			Casing left in place?		<u> </u>	Yes LLINo	
Water Well	If a Well please a		n Repo	rt is available,	Was casing cut off below su			Yes   No	[X] <sub>N/A</sub>
X Borehole / Drillhole	piease a	aramı.			Did sealing material rise to s	surface?	[A]	Yes DNo	⊢N/A
Construction Type:		. г	<del>-1</del> _		Did material settle after 24 h		닏	Yes [X]No	I IN/A
£ 1	n (Sandpoin	t) [	Dug		If yes, was hole reloppe			Yes LINo	[X] <sub>N/A</sub>
X Other (specify): Geopr	obe				If bentonite chips were used, with water from a known safe	source?	x x	Yes No	<u>Un/a</u>
Formation Type:					Required Method of Placing Se	-			
X Unconsolidated Formatio	ត	Bedroo	k		Conductor Pipe-Gravity				
Total Well Depth From Ground	Surface (ft.	Casing D	iameter	(in.)	Screened & Poured (Bentonite Chips)	X Other (Expli	ain): Gra	vity	
	12				Sealing Materials				
Lower Drillhole Diameter (in.)	2	Casing D	epth (ft	.)	Neat Cement Grout	닏	•	d Sturry (11 ii	•
	<u></u>	<u>.L</u>			Sand-Cement (Concrete)	Grout		-Sand Slurry	м н
Was well annular space grout	ed?	Yes	No	Unknow	Concrete	L	Bentonite	•	
If yes, to what depth (feet)?		oth to Wate	r (feet)		For Monitoring Wells and Monit			•	
it yes, to what depth (lear):	000	MILIO RADIO	, Alecti	0	X Bentonite Chips			ent Grout	
The Vallet and increase received and the property of the second of the s	ครูงเมอสาก เปลาสมัศิริน์	Total State of the	···(dayar = radiga	8	Granular Bentonite	Bento:	nte - San	1 Siuny	······································
<ol><li>Material Used To Fill Wel</li></ol>	l / Drillholé	white c			From (ft.) To (ft.)	Pounds			<u>, , , , , , , , , , , , , , , , , , , </u>
Medium Bentonite Chips					Surface 12	18			
					A AND AND RESIDENCE OF THE SECOND SEC				
6. Comments	• • • • • • • • • • • • • • • • • • • •								
Geoprobe Boring G-14 Abandoned by Geiss Soil &	& Samples, L	LC under	METC	O supervision					
7. Supervision of Work			1				ONR Use	Control Control Control	
Name of Person or Firm Doin	g Filling & Se	aling Lice	nse#	Date of	27	ate Received	No	ited By	
Eric Dahl (METCO)		· .			32)	sintesindent s	gurto di ka	oka taki neng	uingut, pr
Street or Route	_	_			22	omments			
	Street, Suit	citation data faithfund			(608) 781-8879				there is a second
City		State		Code	Signature of Person Doing Wo	NK .	Da	te Signed	7
La Crosse		Wi	54	1603-	9 Jan		1	リノリ	/

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

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

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 identificable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Route to:

☐ Verification Only of F	ill and Seal		ne to. Drinking Water Waste Manageme		Vatershed/Wa Other:	stewater [	<b>X</b> ]Remedia	ation/Redeve	lopment
1. Well Location Informati	on .			2. Facility	/ Owner Info	mation			
County Will Ren	Jnique Well # of noved Well	Hica	p #	Facility Name	-	nd Car Wash			
MILWAUKEE				Facility ID (F					
Lattitude / Longitude (Degrees	and Minutes) M	lethod Cod	de (see instructions	)	· · · · · · · · · · · · · · · · · ·	341070620			
<u>43</u> · <u>5.6</u> ·	'N			License/Pern	nit/Monitoring				
87 56.48	·w				J				
7/1/4 SW 1/4 SW	Section	Townshi	p Range [v] E	Original Well	Owner				
or Gov't Lot #	6	7	·   [스] <sup>-</sup>			ald Miller			
Well Street Address			N 22 W	Present Well					
2335 W Atkinson Avenue						nald Miller			
Well City, Village or Town		٨٨	/ell ZIP Code	Mailing Addr	ess of Presen				
Milwaukee		]"	53209-			2433 W. Ro	<del>,</del>		
Subdivision Name			ot #	City of Prese			State	ZIP Code	
CONSTRUCTION TO THE CONSTRUCTION OF THE CONSTR		Γ			Y-12 2	aukee	WI	53209-	2312 1 1
Reason For Removal From Se	rvice WI Uniqu	e Well # of	Replacement Well	4. Pump, L	Iner, Screet	n, Casing & Sea	ling Mate	rial -	
Sampling Complete				Pump and	piping remov	red?		Yes 🔲 No	
3. Well / Drillhole / Boreho	ole Information	i i i	e de la companya de l	Liner(s) re	emoved?			Yes ∐No	
			ate (mm/dd/yyyy)	Screen re	moved?			Yes 🔲 No	
Monitoring Well	ľ	8/2/20		Casing le	ft in place?			Yes 🗆 No	$[X]_{N/A}$
Water Well	If a Well Co	struction (	Report is available,	Was casir	ng cut off belo	w surface?	П	Yes DNo	$[x]_{N/A}$
X Borehole / Drillhole	please attac			1	g material rise		[x]	Yes $\square_{No}$	$\square_{N/A}$
Construction Type:					ial settle after			Yes [X]No	□N/A
Drilled Drive	en (Sandpoint)		Dug		, was hole reto		L	Yes $\square_{No}$	[v]
X Other (specify): Geopr		1-m-and		If bentonit	e chips were t	ised, were they hy		Yes $\square_{No}$	r1
Formation Type:						g Sealing Material		169	11171
F 3		l n		<u> </u>		ity Conducto	r Pipe-Pum	ed	
X Unconsolidated Formation		Bedrock		— ☐ Screer	ed & Poured	[x] Other (Exp			
Total Well Depth From Groun	12	asing Dian	neter (m.)	Sealing Mate	nite Chips)				
Lower Drillhole Diameter (in.)		asing Dep	th (ft )		anas Sement Grout	r	T Clay-San	d Sluny (11 i	b./gal. wt.)
LOWER DIMINOR DIGHTER (III.)	2	assig cep	ar hey		Cement (Conc	rete) Grout	<b>=</b> •	-Sand Slurry	
				Concre			Bentonite	•	
Was well annular space grout	ed? LLI	′es 📙	No Unknow			donitoring Well Bo	_		
If yes, to what depth (feet)?	Depth	o Water (f	eet)	[X] Bentor			onite - Cem		
			7		ar Bentonite	☐ Bent	onite - Sano	Slurry	
5. Material Used To Fill We	ll / Orithole	errene greek		From (ft.)	To (ft)	Pounds			31
Ex -Fred Diving Substitution Control States		Control Branch Parket Str.	mage tip of temporal property.	Surface	12	18			*
Medium Bentonite Chips				(70) 1000	12	10			
6. Comments						17 1921 257	\$11.5°C		
Geoprobe Boring G-15		<u> </u>	<u> 18 yılının 19 yılının 19 Allı</u>	<u></u>	X 11 4 - 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			A STATE OF THE PROPERTY OF THE PARTY OF THE	.220201
Abandoned by Geiss Soil	& Samples, LLC	under Mi	ETCO supervision						
7. Supervision of Work							DNR Use	Only	Q 4.30
Name of Person or Firm Doin	g Filling & Sealir	g Licens	e# Date of	Filling & Sealin	g (mm/dd/yyy	y) Date Received	/ C / C C C C C C C C C C C C C C C C C	ted By	
Eric Dahl (METCO)	- <del>-</del>		ļ	8/2/2017					Juneti is
Street or Route		-		Telephone Nur	nber	Comments	es nyek	ije (Estera France)	É NETS
709 Gillette	e Street, Suite 3			(608)781-	8879		ipshr÷rifin		
City		State	ZIP Code	Signature o	Person Doin	g Work	Da	te Signed	′.¬
La Crosse		WI	54603-		-1/-			0/31/	1/

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

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

Route to:

☐ Verification Only of F	ill and Seal		Drinking Water Waste Manageme		Watershed/Wa Other:	stewater [3	K]Remedia	ation/Redeve	lopment
1. Well Location informati	on		an i Polya Mi	2. Facility	/ Owner Inf	omation	Valence II.		4,71
	Jnique Well # o	f Hic	<b>:</b> p#	Facility Nam			2-303557- 3.753	· · · · · · · · · · · · · · · · · · ·	-
MILWAUKEE	noved Well				Ellis Har	ad Car Wash			
Lattitude / Longitude (Degrees	and Minutes	Madhari Ca	ala dana lantu attau	Facility ID (F	ID or PWS)			· · · · · · · · · · · · · · · · · · ·	<del></del>
43 • 5.6		Method Co	ode (see instructions	'		341070620			
	'N			License/Per	mit/Monitoring	#			
<u>87</u> • <u>56.48</u>	— — .w								
414 SW 4 SW	Section	Townsh	ip Range [x] E	Original Wel					
or Gov't Lot #	6	7	N 22 W			ıald Miller			
Well Street Address				Present Wel					
2335 W Atkinson Avenue				Mailing Add		nald Miller		···	<del></del>
Well City, Village or Town		1	Vell ZIP Code	-walling Addi	ress of Presen	a Owner 2433 W. Roo	oovalt Duis		
Milwaukce		į	53209-	City of Prese	ant Owner	2433 W. RUC	State	ZIP Code	<u> </u>
Subdivision Name		į	_ot #	City Of 1 165s		aukee	WI	53209-	
		į		4 Disman	a a felada y i komadyogiladomiglikaki:	n, Casing & Seal	<del> </del>	1	0.00%
Reason For Removal From Se	rvice Wi Uniq	ue Well#c	of Replacement Well	-4% Lanubi	chier, ocieel	ii, casiny o seai	ing mater	181	<u></u>
Sampling Complete				Pump and	d piping remov	red?		∕es ∐No	
3. Well / Drillhole / Boreho	ile informatio	n		Liner(s) n	emoved?		片	Yes ∐No	
Monitoring Well	Original Cor		Date (mm/dd/yyyy)	Screen re	emoved?		<u></u>	res HNo	
<b>=</b>		8/2/20	17	Casing le	ft in place?			<u>res ∐No</u>	[X] <sub>N/A</sub>
Water Well			Report is available,	Was casi	ng cut off belo	w surface?		res LNo	X <sub>N/A</sub>
X Borehole / Drillhole	please atta	cn.		Did sealir	ng material rise	e to surface?	[x]	Yes No	∐N/A
Construction Type:		_	7	Did mate	rial settle after	24 hours?	ᆜ	res XINO	
<del>-</del> -	n (Sandpoint)	L.	Dug		, was hole reto			res ∐No	$[X]_{N/A}$
X Other (specify): Geopre	obe	- ATRACA WIND AND AVAILABLE	**************************************	If bentoni with wate	te chips were u r from a known	ised, were they hyd i safe source?	rated [x]	res 🗆 No	□ <sub>N/A</sub>
Formation Type:						g Sealing Material			***************************************
X Unconsolidated Formatio	n [	Bedrock		Condu	ictor Pipe-Grav	* E E			
Total Well Depth From Ground		Casing Dia	meter (in.)	Screen	ned & Poured nite Chips)	[X] Other (Expl	ain): Grav	vity	
·	12	•	• •	Sealing Mate					To-12 months
Lower Drillhole Diameter (in.)		asing Dep	oth (ft.)		Cement Grout		Clay-Sand	Slumy (11 lb	o./gal. wt.)
	2			Sand-4	Cement (Concr	rete) Grout	Bentonite-	Sand Slurry	<b>*</b> **
Was well annular space groute	м2 П	Yes [	No Unknown	Concre	ete		Bentonite	Chips	
				For Monitori		donitoring Well Bore	holes Only	:	
If yes, to what depth (feet)?	Depth	to Water (		X Bentor			nite - Ceme		
- 100 - 100		* 10.01.1284.42	6	Granu	lar Bentonite	Sento	nite - Sand	Sturry	
5. Material Used To Fill Wel	/ Drillhole			From (ft.)	To (fL)	Pounds			už.
Medium Bentonite Chips				Surface	12	18	<del> </del>		<del></del>
	-		A. PARTITION AND SALES HOUSE AND SALES HOUSE AND SALES HOUSE						
6. Comments								CRESCUSTANTAL	
Geoprobe Boring G-16 Abandoned by Geiss Soil &	Samples, LLC	under M	ETCO supervision				CALLE CAN LANGUAGE	The second secon	1415-1414 - 1414-1414-1
7. Supervision of Work							ONR Use	Only	
Name of Person or Firm Doing	Filling & Sealing	ng Licens	e# Date of F	illing & Sealin	g (mm/dd/vvv	/) Date Received	2	ed By	i di marina
Eric Dahl (METCO)				8/2/2017				razen 1920 Kalumbasa	e de la company
Street or Route		- 1	h	elephone Nur	nber	Comments			
709 Gillette	Street, Suite 3			(608) 781-	8879		hik irdiki		
City	· · · · · · · · · · · · · · · · · · ·	State	ZIP Code		Ferson Doing	Work	Dat	e Signed	
La Crosse		WI	54603-	15	1/m	-	1 7	5/31/	17

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

Page 1 of 2

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[Route to:

Verification Only of Fill	and Seal		Drinking Wat Waste Mana		=	Vatershed/Wa Other:	islewater	[X]Remed	iation/Redevel	opment
1. Well Location information	grafika d				2. Facility	/ Owner Inf	ormation			
County WI Ur	ique Well # of	Hica	p#	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	Facility Name		principal (San San San San San San San San San San	garga maranggar, shiring s	St. Sec. And Miles of Sec. Let.	
l l	ved Well					Ellis Ha	nd Car Wash			
MILWAUKEE			de Care Saatan		Facility ID (F	ID or PWS)				
Lattitude / Longitude (Degrees at 43 • 5.6	· i	nethod Col	de (see Instruc	Cuons)			34107062	20		
	'N				License/Perr	nit/Monitoring	#			
<u>87</u> • <u>56.48</u>	·w	-								
1/1/2 SW 1/4 SW	Section	Townshi	p Range <sub>I</sub> .	v]E	Original Well					
or Gov't Lot #	6	7	N 22	   w			nald Miller			
Well Street Address					Present Well	-				
2335 W Atkinson Avenue							nald Miller	<del></del>		
Well City, Village or Town		V	Vell ZIP Code		Mailing Addr	ess of Preser		n km		
Milwaukee		ĺ	53209-			-1.0	2433 W	. Roosevelt Dr		
Subdivision Name			ot#		City of Prese			State	ZIP Code	
					general and the first	********	aukee	WI	53209-	February 1
Reason For Removal From Serv	ice WI Uniqu	e Well # o	f Replacement	Well	4, Pump, L	Iner, Scree	n, Casing &	Sealing Mate		
Sampling Complete					Pump and	d piping remov	ved?		Yes LINO	[X] <sub>N/A</sub>
3. Well / Drillhole / Borehole	Information	n i		3,12	Liner(s) re	emoved?			Yes ∐No	$[x]_{N/A}$
	heaville class along a city		ate (mm/dd/y	ууу)	Screen re	moved?			Yes No	$[X]_{N/A}$
Monitoring Well		8/2/20	17		Casing le	ft in place?			Yes No	[X] <sub>N/A</sub>
Water Well	If a Well Co	nstruction	Report is avail:	able,	1 —	ng cut off belo	w surface?		Yes DNo	$[x]_{N/A}$
[X] Borehole / Drillhole	please attac				i	ng material ris		[x	Yes $\square_{No}$	$\square_{N\!/A}$
Construction Type:						ial settle after		Ē	Yes [X]No	□ <sub>N/A</sub>
Drilled Driven	(Sandpoint)		Dug			, was hole ret			Yes DNo	$[X]_{N/A}$
X Other (specify): Geoprob							used, were they a safe source?	y hydrated 🙀	1 🗀	
			A COMMAND OF THE PARTY OF THE P			The state of the s	n sare source? Ig Sealing Mate		lYes └ No	LINA
Formation Type:	<b>,</b>	1					·	uctor Pipe-Pum	han	
X Unconsolidated Formation		Bedrock			_	ed & Poured		(Explain): Gr		
Total Well Depth From Ground		asing Diar	neter (in.)			nite Chips)	t- 3 Otilei	(Explain),		
	12	: B	at /6 \		Sealing Mate			П сі- с-	and Charman Edd III	لأقدد امسات
Lower Drillhole Diameter (in.)	2	asing Dep	เก (ห.)			cement Grout	tal Consta		nd Slurry (11 lb e-Sand Slurry	
			······································		1	Cement (Conc	rete) Grout	Bentonit		
Was well annular space grouted	ls □,	res	No LIUni	known	Concre		Monitorina 14/01	Boreholes On	•	
If yes, to what depth (feet)?	Depth	to Water (1	eet)		[X] Benton	•		Bentonite - Cen	-	
• • •		·	8			ar Bentonite		Bentonite - San		
The state of the second state of the second state of the second s	Marian bear	r copercion ha	ander is rate the		362000 12868 2370-2	97	331	2000 W W W W W W W W W W W W W W W W W W	1	**************************************
5. Material Used To Fill Well	Drillhole :				From (ft)	Jo(ft)	Pound	IS		<del></del>
Medium Bentonite Chips					Surface	12	18	<u> </u>		
										A.,
6. Comments										
Geoprobe Boring G-17 Abandoned by Geiss Soil &	Samples, LLC	under Ml	ETCO supervi	ision						
7. Supervision of Work								ONR Usi	Only	
Name of Person or Firm Doing	Filling & Sealid	ng Licens	e# Da	te of Fi		g (mm/dd/yyy	y) Date Recel	yed No	nted By	
Eric Dahl (METCO)					8/2/2017				ale francis	Einker
Street or Route				- 1	elephone Nur		Comments			
709 Gillette S	treet, Suite 3			(	608) 781-					
City		ī	ZIP Code		Signature of	Person Doin	g Work	Da	ate Signed	· ¬
La Crosse		WI	54603-	an additional characters (as I - 1 - 1 - 1		-/n			0/91/1	/

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

Page 1 of 2

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Route to:

Verification Only of Fill	and Seal		The to: Drinking Water Waste Manage		=	Vatershed/Wa Other:	siewater	[x]	Remedia	ation/Redeve	lopment
1. Well Location information	n 14 Herry C.		earlej (art. lejika). Ta		2. Facility	/ Owner Inf	onnation	1/4P 12 13			
County WI Un	ique Weil # of ved Well	Hica	p#	112	Facility Name	}	nd Car Wash	<u> </u>	****		
MILWAUKEE					Facility ID (FI		ilu Cai viasii				
Lattitude / Longitude (Degrees ar	d Minutes) Iv	lethod Co	de (see instructi	ions)	racinty to (F)	D G F 116)	3410706	520			
43 . 5.6	'N				Liconsa/Perm	nit/Monitoring		720			
87 •56.48 ,	·w				Literature City	·	<i>"</i>				
74174 SW 74 SW	Section	Townshi	ip Range (v	]E	Original Well						
or Gov't Lot #	1 6	7	N 22	J W			nald Miller				
Well Street Address			1	.,	Present Well						
2335 W Atkinson Avenue							nald Miller				5.77 - F.I.S.III.A.A
Well City, Village or Town	21-71-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	V	Vell ZIP Code		Mailing Addn	ess of Preser					
Milwaukee		ſ	53209-				2433 \	V. Roose			
Subdivision Name			ot#		City of Prese		_	1	tate	ZIP Code	
							aukee		WI	53209-	Atamera et e
Reason For Removal From Serv	ce Wi Uniqu	ie Well # o	f Replacement V	Vell	4. Pump, L	Iner, Scree	n, Casing &	Sealing	y Mater	ial	
Sampling Complete					Pump and	l piping remo	ved?			Yes 🛄 No	X <sub>N/A</sub>
3. Well / Drillhole / Borehole	Informatio	ar i i i i i		1111	Liner(s) re	moved?				Yes 🗆 No	$[x]_{N/A}$
	man loss too. The second large		Date (mm/dd/yy)	/V)	Screen re	moved?				Yes $\square_{No}$	$[x]_{NA}$
Monitoring Well		8/2/20		, , ,	Casing lef	t in place?				Yes 🗆 No	$[x]_{N/A}$
Water Well	if a Well Co	THE PERSON NAMED IN COLUMN	Report is availat	ile.	1	ng cut off belo	w surface?		П	Yes DNo	7-1
X Borehole / Drillhole	please attac		toport is area	-,-,	i	•	e to surface?			Yes $\square_{No}$	
Construction Type:						ial settle after				Yes [x]No	
Drittled Driven	(Sandpoint)		Dug			was hole ret			[	Yes DNo	[v]
X Other (specify): Geoprob		-					used, were the n safe source	ey hydrat ?		Yes $\square_{No}$	
Formation Type:							g Sealing Ma				
X Unconsolidated Formation	_	Bedrock			Conduc	ctor Pipe-Grav	rity 🔲 Cond	ductor Pip	e-Pump	ed	
Total Well Depth From Ground S	Surface (ft ) C		neter (in )		Screen	ed & Poured nite Chips)	[x] Othe	r (Explain	): <u>Gra</u>	vity	
· ·	2	40119 2141	(inter (int)		Sealing Mate						-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Lower Drillhole Diameter (in.)		asing Dep	th (ft.)			ement Grout			lay-San	d Slumy (11 )	b./gal. wt.)
,	2		( . )		Sand-C	ement (Cond	rete) Grout	_ <u>□</u> в	entonite	-Sand Slumy	H 11
and the same of th			ь. п		Concre	-	•	В	entonite	Chips	
Was well annular space grouted		∕es ∟		10WI	For Monitorin	ng Wells and I	Vionitoring VVe	all Boreho	iles Only	r.	
If yes, to what depth (feet)?	Depth 1	to Water (1	leet)		X Benton	ite Chips		Bentonit	e - Cem	ent Grout	
			7		Granul	ar Bentonite		<b>Bentonit</b>	e - Sand	Slurry	
5. Material Used To Fill Well /	Drillhole		anni dengan tiluga egined (m. 16 16 juga - La Stateski (1886)		From (ft.)	To (ft.)	Poun	ds	-0.7. <u>-</u> 0.137(0		100 mm (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
Medium Bentonite Chips					Surface	12		18			
· · · · · · · · · · · · · · · · · · ·	-										
The second secon	3200 tuke tuk	e një se ekter si		11 <u>(537</u> 715)	rest, or developed	84CV194119FY21+88	5510-0010-0510-050-05	Seattle (MA)	a er magen	etementose veito	Zigo wassamining
6. Comments	<u> Alling Charles and I</u>					<u> Saranga da ka</u>		2002201	:/ <u>:::::::::::::::::::::::::::::::::::</u>	and a carrier	MX 988 112 435
Geoprobe Boring G-18 Abandoned by Geiss Soil & S	Samples, LLC	under Mi	ETCO supervisi	ion							
7. Supervision of Work		4岁表影:						D1	IR Use	Only	맞바탕
Name of Person or Firm Doing I	illing & Sealir	ng Licens	e# Date	of F	illing & Sealin	g (mm/dd/yyy	y) Date Red	lived	No	led By	
Eric Dahl (METCO)	-				8/2/2017			9/50°F 21:001-74:7			ining s
Street or Route				T	elephone Nun	nber	Comment	8 4 6 6 6			
709 Gillette S	treet, Suite 3				608) 781-						
City		State	ZIP Code		Signature of	Person Boin	g Work		Da	te Slaned	17
La Crosse		WI	54603-		12-	_//_				0/11/	1/

#### Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Page 1 of 2

☐ Verification Only of Fill	and Seal		Drinking \						
			Waste Ma	anagemei		Other:	cavilangian (1763)		
1. Well Location information County WI Univ	gue Well # of	Tion			2. Facility Facility Name	/ Owner Inf	ormation	na markatil	
Remov	ed Well	Hicap	) <del>  </del>		Facility Name		nd Car Wash		
MILWAUKEE					Facility ID (F				
Lattitude / Longitude (Degrees and	d Minutes) M	lethod Cod	le (see ins	tructions)	' ` `	-	341070620	ı	
43_ • 5.6	'N				License/Perr	nit/Monitoring	#		
<u>87 •56.48</u>	'W					, <del>, , , , , , , , , , , , , , , , , , ,</del>			
1/4 SW 1/4 SW	Section	Township		χE	Original Well		nald Miller		
or Gov't Lot #	6	7	N 22	w	Present Well	Owner			
Well Street Address						De	nald Miller		
2335 W Atkinson Avenue		1.0	ell ZiP Co	.d.a	Mailing Addr	ess of Preser	nt Owner		
Well City, Village or Town Milwaukee		Įvv	53209-	ue			2433 W. R	loosevelt Driv	
Subdivision Name		Lo	33203* ot#		City of Prese			1	ZIP Code
		[					/aukee	WI _	53209-
Reason For Removal From Service	e Wi Uniqu	e Well # of	Replacem	ent Well	4. Pump, L	Iner, Scree	n, Casing & Se	aling Materi	
Sampling Complete	_				Pump and	1 piping remo	ved?	<u></u> Y	
3. Well / Drillhole / Borehole	Information	1			Liner(s) re	emoved?			'es □No [X]N/A
Monitoring Well	Original Cons			d/yyyy)	Screen re	moved?		<u> </u> Y	es No [X]N/A
Water Well	THE REAL PROPERTY OF THE PERSON NAMED IN	8/2/201	APPENDICULAR DESCRIPTION OF THE PROPERTY OF TH	A Company of the last last last last last last last last	_	ft in place?			es No [X] <sub>N/A</sub>
X Borehole / Drillhole	If a Well Cor please attac		Report is a	vailable,	1	ng cut off belo			es DNo XNA
Construction Type:	piease attac				1	-	e to surface?	[X] <sub>Y</sub>	
7	Sandpoint)	<b>5</b> -1	Dug			ial settle afte			res [X]NO [NIA
2 2	• •	السلا	Deg			, was hole ret e chips were	opped? used, were they h n safe source?	ہا۔۔۔ا ydrated <sub>[]</sub>	- = = = = = = = = = = = = = = = = = = =
and object (objectify).							n safe source? ng Sealing Materia		es UNO UN/A
Formation Type:	,	1				ctor Pipe-Gra	- Carrier Control	u or Pipe-Pumpe	arl
X Unconsolidated Formation		Bedrock			Screen	ed & Poured		xplain): Grav	
Total Well Depth From Ground S		asing Diam	neter (in.)		Sealing Mate	nite Chips)	Ones (L	Apiding.	,V.,
Lower Drillhole Diameter (in.)	************************	asing Dept	h (ft.)		يستنتو	ement Grout	1	Clay-Sand	Slurry (11 lb./gal. wt.
2	: [	comig copi	()			Cement (Conc	rete) Grout		Sand Slurry " "
		/ II	л. П	Unknowr	Concre	ele .	ĺ	Bentonite	Chips
Was well annular space grouted?				OHMOWI	For Monitorii	_	Monitoring Well B	oreholes Only:	;
If yes, to what depth (feet)?	Depth 1	to Water (fe	•			iite Chips		ntonite - Ceme	
The state of the s		e controlario de la controlario de la controlario de la controlario de la controlario de la controlario de la c	7	. 12:25:00:15:01:1	STANDARD MEANING	ar Bentonite	Se:	ntonite - Sand	Slumy
5. Material Used To Fill Well /	Orillhole.	MIN IA.A			From (ft)	To (ft.)	' Pounds		_
Medium Bentonite Chips					Surface	12	18		
Man 2 - Hope Vision to August a August a Augus and Augus								Charles & Contract Contract Sections	
6. Comments									
Geoprobe Boring G-19 Abandoned by Geiss Soil & S	amples, LLC	under ME	TCO sup	ervision					
7. Supervision of Work		Aleman (				1. 1. 1. 1.		DNR Use	Only
Name of Person or Firm Doing F	illing & Sealin	g License	e#	Date of I	-	g (mm/dd/yy)	y) Date Receive	d Not	ed Ey
Eric Dahl (METCO)				<u> </u>	8/2/2017		Linderiolia	a quality as in	MESONALIE ET S
Street or Route					elephone Nur		Comments		garrich de la companie de la compani
709 Gillette St	reet, Suite 3	Cioto	ZIP Code		( 608 ) 781-	8879 Person <sub>s</sub> Doin	a Mark		e Signed
City  La Crosse		State WI	54603-		Orginature &	9 9 -	S 11010		8/31/17
		1			ACT.	10	N		<del></del>

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

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 identificable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Route to:

☐ Verification Only of F	ill and Seal		Drinking Water  Waste Managamer	. =	Watershed/Wa Other:	astewater [X	[]Remedi	ation/Redeve	lopment
1. Well Location Informati	on-sac gras	4,101,104,8		2. Facility	/ Owner Inf	ormátion			
	Unique Well # of		ap#	Facility Nam	and the second s			is it was to be a second	
	noved Well				Ellis Ha	nd Car Wash			
MILWAUKEE				Facility (D (F	ID or PWS)				· · · · · · · · · · · · · · · · · · ·
Lattitude / Longitude (Degrees	i	dethod Co	ide (see instructions)			341070620			
43_ • _5.6_ ,	'N			License/Per	mit/Monitoring	#			
<u>87</u> • <u>56.48</u>	·w			:					
1414 SW 14 SW	Section	Townsh	ip Range X E	Original Wel	Owner			*****	
or Gov't Lot #	<del></del>	7	N 22 W			nald Miller			
Well Street Address			14]   14	Present Wel	•				
2335 W Atkinson Avenue						nald Miller			
Well City, Village or Town			Vell ZIP Code	-Mailing Add	ress of Preser				
Milwaukee		ĺ	53209-			2433 W. Roo			
Subdivision Name			_ot #	City of Presi			State	ZIP Code	
						aukee	WI	53209-	78111
Reason For Removal From Se	rvice Wi Uniqu	ie Well#d	f Replacement Well	4. Pump,	Liner, Scree	n, Casing & Seali	ng Mate	rial	
Sampling Complete				Pump an	d piping remov	ved?		Yes $\square_{No}$	$[x]_{N/A}$
3. Well / Drillhole / Boreho	sie Informatio			<del></del>				Yes 🗆 No	$[x]_{N/A}$
	5.11.11.11.12.12.12.12.12.12.12.12.12.12.	200	Date (mm/dd/yyyy)	Screen re	moved?			Yes No	$[x]_{NA}$
Monitoring Well	3	8/2/20			ft in place?		F	Yes No	fval
Water Well	if a Well Co.		Report is available,	7	ng cut off belo	u curface?		Yes DNo	$[x]_{N/A}$
[X] Borehole / Drillhole	please attac		report to a tokabie,	1	•			Yes $\square_{No}$	□ <sub>N/A</sub>
Construction Type:			····		ng material rise			[47]	
Drilled Drive	en (Sandpoint)	Г	Dug	· ·	rial settle after , was hole ret		[3	1	[v]
X Other (specify): Geopr	. , ,	<u> </u>	4 0			ised, were they hydr i safe source?	فتمقم	Yes ∐No	I N/A
		THE RESERVE THE PARTY OF THE PA					[X]	Yes No	<u>LIN/A</u>
Formation Type:	·			وقسو		g Sealing Material	N 65 :		
X Unconsolidated Formation	********	Bedrock		$\cdot =$	ctor Pipe-Grav ned & Poured	rity   Conductor I	• •		
Total Well Depth From Ground	Surface (ft.) C	asing Dia	meter (in.)		nite Chips)	X Other (Expla	ia): Gra	vity	
	4			Sealing Mate					
Lower Drillhole Diameter (in.)	2	asing Dep	oth (ft.)		ement Grout	닐	•	d Siurry (11 lb	•
······································			<u> </u>		Cement (Conc	rete) Grout		-Sand Slurry	n 1
Was well annular space groute	ed? □\	res 🗌	No Dunknown	L Concr		<u> </u>	Bentonite		
If yes, to what depth (feet)?	Denth i	o Water (	feet)			Aonitoring Well Bore	•		
u hant in man anhait traint.			-44.7	X Bento	lite Chips		tite - Cem		
The second of the second second	cer shelts to the like like have	ra sargayine		TENERS CONTRACTOR	ar Bentonite	Sentor	nte - Sand	Slurry	
<ol><li>Material Used To Fill Wel</li></ol>	l / Drillhole	8 A 7 A	sia a mandron co.	From (ft)	To (ft.)	Pounds			
Medium Bentonite Chips				Surface	4	6			
			· · · · · · · · · · · · · · · · · · ·						
									·····
6. Comments				ing inggy					
Geoprobe Boring G-20 Abandoned by Geiss Soil &	& Samples, LLC	under M	ETCO supervision						
7. Supervision of Work	agiriji dila riy	ing weigh					)NR Use	Only	40803817
Name of Person or Firm Doing	Filling & Sealin	g Licens	e# Date of F	illing & Sealin	g (mm/dd/yvv	y) Date Received		led By	
Eric Dahl (METCO)		-		8/2/2017	_ , , , , , ,				
Street or Route		1	i i i i i i i i i i i i i i i i i i i	elephone Nur	nber	Comments	iogisti Bir	E(6)-12-41-21-	
	Street, Suite 3			608) 781-					
City		State	ZIP Code		Person Doing	Work	Dat	lg Signed	327, 1235, 22
La Crosse		WI	54603-	12	- 4 /2m		2	5/31/(	7

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

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

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 fite this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Route to:

Verification Only of Fill	and Seal		Drinking Wat Waste Mana		<u> </u>	Vatershed/Was Other:	tewater [2	<b>K</b> ]Remedia	ition/Redevelopment
1. Well Location Information		i de la compansión de l		a Janyie	2. Facility	Owner Info	rmation		
County Wi Un Remo	ique Well # of ved Well		NAME OF TAXABLE PARTY.		Facility Name	<u></u>	l Car Wash		
MILWAUKEE				4	Facility ID (FI	D or PWS)			
Lattitude / Longitude (Degrees ar	id Minutes) M	lethod Co	de (see instruc	tions)	, ,	-	341070620		
43 . 5.6	'N		•		License/Perm	nit/Monitoring #	<b>F</b>		
<u>87</u> · <u>56.48</u>	w								
414 SW 4 SW	Section	Townshi	p Range [.	x1E	Original Well		ıld Miller		
or Gov't Lot#	6	7	N 22	w	D		iid Minei		
Well Street Address					Present Well		ald Miller		
2335 W Atkinson Avenue					Maitina Adda	ess of Present			
Well City, Village or Town		V	Vell ZIP Code		Manny Audio	saa oi rieseiii	2433 W. Ro	nsevelt Driv	U.P.
Milwaukee		1	53209-		City of Prese	nt Owner	2433 11. 100	State	ZIP Code
Subdivision Name			ot#		City of Frese	nt Owner Milwa	ulsaa	WI	53209-
					2010 Maria (1910)				1
Reason For Removal From Serv	ice Wl Uniqu	e Well # o	f Replacement	Well	4. Pump, L	iner, acreen	, Casing & Sea	ពេញ ខេត្ត	
Sampling Complete	- 1				Pump and	l piping remove	ed?	<u> </u>	Yes No XNA
3. Well / Drillhole / Borehole	Information	1			Liner(s) re	moved?		L)	Yes No XNA
	Original Cons	struction [	Date (mm/dd/y	ууу)	Screen re	moved?		<u></u> ;	Yes No XNA
Monitoring Well	"	8/2/20	17		Casing lef	t in place?	·····		Yes No X N/A
Water Well	If a Well Cor	nstruction	Report is avail:	able,	Was casir	ng cut off below	v surface?		Yes No XNA
X Borehole / Drillhole	please attac	h			4	g material rise		[X]	Yes □No □N/A
Construction Type:					l .	ial settle after :			<sub>Yes</sub> [x] <sub>No</sub> ∏ <sub>N/A</sub>
Drilled Driven	(Sandpoint)		Dug		i .	was hole reto			Yes □No XNA
X Other (specify): Gcoprob	e						sed, were they hyd safe source?	Irated [x]	Yes ONO ON/A
Formation Type:							Sealing Material		
X Unconsolidated Formation		Bedrock				•	ty Conductor		
Total Well Depth From Ground S	Surface (ft.) C	asing Dia	meter (in.)			ed & Poured nite Chips)	[X] Other (Exp	lain): <u>Gra</u>	vity
Lower Drillhole Diameter (in.)		asing Dep	uth (ft \		- <del></del>	ement Grout	Г	Clay-San	d Slurry (11 lb./gal. wt.)
EOWER DIMINOR DIAMETER (III.)	2	astig Dep	, ti 1 (15.7)		1 =	Dement (Concre	ete) Grout	- ·	-Sand Slurry " "
			1 [		Concre	•		Bentonite	
Was well annular space grouted	? 🗀 ነ	es	lNo LiUni	known			onitoring Well Bor	<del></del>	•
If yes, to what depth (feet)?	Depth I	to Water (	feet)		[X] Benton			onite - Cem	
			8		Granul	ar Bentonite	Bento	onite - Sand	Slumy
5. Material Used To Fill Well /	Drillhole	rong para			From (ft)	To (ft)	Pounds		in a second
Medium Bentonite Chips					Surface	12	18	······	
Industria Delitorità Chips							**************************************		
	eneder (og•kritist et	maj ali anni is	generaly on the state of	A STATE OF THE STA				1807 F. (1897	
6. Comments		E N. 7 (8) (1) (2) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4					af aska se est Sucal		an aggragage et (f. 4185a) VI al
Geoprobe Boring G-21 Abandoned by Geiss Soil &	Samples, LLC	under M	ETCO superv	ision			as Renamentos socialista		
7. Supervision of Work		vin, kana						DNR Use	
Name of Person or Firm Doing	Filling & Sealir	ng Licens	e# Da	te of F		g (mm/dd/yyyy	) Date Received	No	led By
Eric Dahl (METCO)					8/2/2017				
Street or Route	Street, Suite 3				elephone Nur 608 ) 781-		Comments		
City	on cer, butte 3	State	ZIP Code			oo79 Der≶on Doing	Work	nd Commence	te Signed
La Crosse		WI	54603-		- Sinding	1/2	7 A T 117		8/31//7

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

Page 1 of 2

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			[i	Route to:									
☐ Verification Only of	of Fill a	nd Seal		Drinking	y Water		П	Watershed/W	astewater	[x]	Remedia	ation/Redeve	elopment
<u> </u>			-	□Waste №	Manageme	nt	$\sqcap$	Other:					·
1. Well Location Inform	uzek	Barrati jiri					,,,			Ta (1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	19.5 T (2.85° )		
County		ue Well # o		icap #		_		/ Owner In	rormation		airanijis		
oduny	Remove		' l''	icap #		acini	y Nam		and Car Wa				
MILWAUKEE	l <del></del>					Facilit	4D /	ID or PWS)	ind Car wa	SIL			
Lattitude / Longitude (Deg	rees and	Minutes)	fethod	Code (see in	structions	)	א ום (ר	ID OF EVVO	34107	0630			
43 _ • _ 5.6 _ · _		'N				icone	o/Der	mit/Monitorin		0020	<del></del> -	<del></del>	
87 • 56.48		.wl				Libert	ogri Çi.	numarca atom i	g <del>rr</del>				
		,				Origin	al Mal	l Owner					
MIM SW M SV	<u>v</u>	Section	Town		Α, -	- Jugan	CI VID		nald Miller				
or Gov't Lot#		6	7	. N 22	W	Prese	nt Wel	l Owner					
Well Street Address						T		• •	onald Mille	r			
2335 W Atkinson Avenue	е					- Mailin	a Add	ress of Prese		·			7.X 23K 7KW3=K
Well City, Village or Town				Well ZIP C	ode	,,,,,,,,	<b>a</b> · ·			W. Roose	velt Driv	ve.	
Milwaukee				53209-		City of	Presi	ent Owner	***************************************			ZIP Code	······································
Subdivision Name				Lot#		1 *			vaukee	l'	WI	53209-	
		had by the				4. Pu	imo.	Jner, Scree	The state of the same of the same			1	Anal-Lucien
Reason For Removal From	n Service	. Wi Uniqu	e Well i	of Replacer	ment Well		(1. K) (P) (D)	ryar			<u> </u>		īvī
Sampling Complete	13'3''13'''12''					<del>√</del> 1	-	d piping remo	ved?				[X] <sub>N/A</sub>
3. Well / Drillhole / Bor			10.0		Arm maggiji Maranasa	<b>-</b> ∤		emoved?					[x] <sub>N/A</sub>
Monitoring Well	C	higinal Con		n Date (mm/	dd/yyyy)	Scr	een re	moved?			راسيا	∕es ⊨_lNo	
Water Well	L		8/2/2	2017		Ca:	sing le	ft in place?			<u> </u>	∕es ∐ No	[x] <sub>N/A</sub>
[X] Borehole / Drillhole				on Report is a	available,	Wa	s casi	ng cut off bel	ow surface?			res 🖳 No	$[X]_{N/A}$
		please attac	11.		<del></del>	. Did	sealir	ng material ris	e to surface	?	[x]		
Construction Type:			,			Did	mate	rial settle afte	r 24 hours?			res XNo	N/A
<del>-</del> -	•	andpoint)	L	Dug				, was hole ref				∕es □No	$[X]_{N/A}$
X Other (specify): _Ge	oprobe		-			with	entonii 1 watei	le chips were r from a know	used, were ( n safe sourc	hey hydrate e?	ed [x]	res 🗆 No	$\square_{N\!A}$
Formation Type:		····						thod of Placin					
[x] Unconsolidated Form	nation		Bedroo	-k			Condu	ctor Pipe-Gra	vity 🗍 Co	nductor Pip	e-Pump	ed	
Total Well Depth From Gro		face (ft ) C					Screen	ed & Poured	[X] Oth	er (Explain	: Grav	vity	
	12	,		mandan (an)		Sealin		nite Chips)	AAAV VANE \ A WOODN \ 1000 - 1100				
Lower Drillhole Diameter (	in.)	c	asina D	epth (ft.)		·	•	ement Grout		Пс	lav-Sand	Slurry (11 i	h /nal wt \
,	2							Cement (Conc	rete) Grout		•	Sand Slumy	•
			· f		<u> </u>	7 (	Concre			2000	entonite	-	
Was well annular space gr		۲	es L	No L_	Unknown			ng Wells and	Monitorina V			•	
If yes, to what depth (feet)	?	Depth t	o Water	r (feet)				iite Chips	Ĺ	] Bentonite			
				8				ar Bentonite		Bentonite			
5. Material Used To Fill	Wall I Dr	illinde			1 298 2	וום פאנ נפון	ı (ft.)	To (ft)	Pou			<del> 1</del>	•
An one of the professional state of the stat	SEUSK Sewis.		08.1731-974		economica.	CONTRACTOR OF THE	14C1 77.41	CONTRACTOR NO. 1	rou		da		
Medium Bentonite Chip	os					Sur	face	12		18			
						_							
		11 11 S. #1613 PAT 12 1			ng tanganga sa	Sec. 201	1.20144	V0.000 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		a lateral de la constanta	. Tu Si carinaca		as a sum as
6. Comments	***************************************	1	1.44				A Property Comments						Majar Edil
Geoprobe Boring G-22 Abandoned by Geiss So		onlee IIC	undar i	MFTCO cun	arvician								
7. Supervision of Wor		apres, LLC	anuel l	CO sup	, ¥131VII		1 3 3 3 3 3	normalistical constants no in Angralistical	ili direjanu	g Paga San	E E. 2528	216500	W. 18 . 125 .
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# Site Investigation Report - METCO Ellis Hand Car Wash APPENDIX D/ WASTE DISPOSAL DOCUMENTATION

#### DKS Transport Services, LLC

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Site Investigation Report - METCO
Ellis Hand Car Wash
APPENDIX E/ OTHER DOCUMENTATION

# RCL Quick Reference Table

# March 2017

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	1.57	1.1072	, 3.96	, 0.027	, 0.0028	2.82E-05			0.0626	0.0412	0.1402	0.0039	, 0.0028	000 7	1.382			,196,9492	
	35.4	,818.	,260.	,282.	, 2.87	, 0.221			1,850.	2,340.	,640.	, 4.03	, 3.97	,219.	,182.		45,200.	100,000,	, 20.8
E CERTA	8.02	,818.	,260.	, 63.8	, 0.852	, 0.05			1,560.	,156.	,640.	, 0.916	, 1.02	,219.	,182.		3,590.	17,900.	. 1.14
	Ethylbenzene	Toluene	Xylenes	Methyl tert-Butyl Ether (MTBE)	Dichloroethane, 1,2- (DCA)	Dibromoethane, 1,2-	Security Ship of Calmy Perport (Mades)	and the standard of the standard standa	Dichloroethylene, 1,2-trans-	Dichloroethylene, 1,2-cls-	Trichloroethane, 1,1,1-	Carbon Tetrachloride	Pentachlorophenol (PCP)	Trimethylbenzene, 1,2,4-	Trimethylbenzene, 1,3,5-		Acenaphthene	Anthracene	Benz[a]anthracene

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	, 1.76	, 21.1	.211.	2,110.	, 2.11	, 0.176	800'0 '	30,100.	30,100.	,21.1	, 72.7	3,010.	1.76	22,600.		100,000.	2,300.	,985,	, 6.36	٠	30.00	, 3.13	5,840.
	, 0.424	, 1,15	, 11.5	,115.	, 0.115	, 0.042	4.59E-04	2,390.	2,390.	, 1.15	9'21'	,239.	, 0.424	1,790.		15,300.	,156.	, 71.1	, 0.301			. 3.13	,391.
	Benzo(j)fluoranthene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Dibenzo(a,e)pyrene	Dimethylbenz(a)anthracene, 7,12-	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Methylnaphthalene, 1-	Methylnaphthalene, 2-	Nitropyrene, 4-	Pyrene		Barium	Beryllium and compounds	Cadmium (Diet)	Chromium(VI)	Chromium, Total	Market The and sound to control of the sound	Mercury (elemental)	Selenium

# JOTES:

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.

son streetes celing innicanality been subsituted with the max value (see User's Guide).

Solladhalation Siliexceeds csattatid has been substituted with the csat

				\$	Volatilization	Soil Saturation	Particulate Emission	Ingestion St.	Dermal SL		Carcinogenic · SL
Chemical	GIAE	GIABS ABS RBA	SRE	٨	Factor (m³/kg)	Concentration (mg/kg)	Factor (m³/kg)	TR=1.0E-6 (mg/kg)	TR=1.0E-6 (mg/kg)	TR=1.0E-6 (mg/kg)	TR=1.0E-6 (mg/kg)
Benzene	~	r	-	W)	5.10E+03	1,82E+03	1.56E+09	1.26E+01	•	1.84E+00	1.60E+00
Dibromoethane, 1,2-	£	1	_	_	.25E+04	1.34E+03	1.56E+09	3.48E-01		5.84E-02	5.00E-02
Dichloroethane, 1,2-	<b>Y</b> -	Į.	,	_	6.60E+03	2.98E+03	1.56E+09	7.64E+00	ı	7.13E-01	6.52E-01
Ethylbenzene	-	•	T	ω _	8.18E+03	4.80E+02	1,56E+09	6.32E+01		9.19臣+00	8.02E+00
Lead and Compounds	_	1			,		1.56E+09	1		1	ı
Methyl tert-Butyl Ether (MTBE)	_	•	•	, _	7.08E+03	8.87E+03	1,56E+09	3,86E+02	1	7.64E+01	6.38E+01
Acenaphthene	-	0.13	, ო	_	2.03E+05	ŧ	1.56E+09	1	•		1
Anthracene	_	0.13	ω ,	_	7.56E+05	1	1.S6E+09	•	•	•	t
Benz[a]anthracene	-	0.13	w	_	6,37E+06	1	1.56E+09	2.10E-01	6.29E-01	5.85E+01	1,57E-01
Benzo(j)fluoranthene	<del></del>	0.13	'n	_	1	٠	1,56层+09	5.79E-01	1.58E+00	3,98臣+04	4.24E-01
Benzofajpyrene	_	0.13	'n				1.56E+09	2.10E-02	6.29E-02	1.44E+03	1.57E-02
Benzolblfluoranthene	_	0.13	m	_	•	ı	1.56E+09	2,10E-01	6.29E-01	1,44E+04	1,57E-01
Benzolkifluoranthene	•	0.13	m	_	,	1	1.56E+09	2,10E+00	6.29E+00	1.44臣+04	1.57E+00
Chrysene	_	0.13	m	_	1	•	1.56E+09	2.10E+01	6.29E+01	1.44E+05	1.57E+01
Dibenz[a,h]anthracene	-	0,13	m	-	ı	ì	1,56E+09	2.10E-02	6.29E-02	1.32E+03	1.57E-02
Dibenzo(a,e)pyrene	-	0,13	m	_	ı	ı	1.56E+09	5.79E-02	1.58E-01	3.98€+03	4.24E-02
Dimethylbenz(a)anthracene, 7,12-	_	0.13	က	_	r	,	1.56E+09	6.13E-04	1.84E-03	2.23E+01	4.59E-04
Fluoranthene	ν-	0.13	m			ı	1.56E+09	ı	•		1
Fluorene	-	0.13	m	,	4.06E+05	ı	1.56臣+09	•		t	r
Indeno[1,2,3-cd]pyrene	_	0.13	m	_	,	•	1.56E+09	2.10E-01	6.29E-01	1,44E+04	1.57E-01
Methylnaphthalene, 1-	_	0.13	<u>ო</u>	_	8.46E+04	3.94E+02	1.56E+09	2.40E+01	6.55E+01	,	1,76E+01
Methylnaphthalene, 2-	_	0.13	<u>m</u>	<b>,</b>	8.37E+04	•	1,56E+09	•	ь	ı	4
Naphthalene	<b></b>	0.13	<u>n</u>	<b>-</b>	6.69E+04	ı	1.56E+09	ı	r	5.52E+00	5.52E+00
Nitropyrene, 4-	τ-	0.13	<u>~</u>	_	•	1	1.56E+09	5.79E-01	1.58E+00	3,98E+04	4.24E-01
Pyrene	_	0.13	<u>~</u>	_	3.43E+06	1	1.56E+09	ı	•	ı	1
Toluene	_			_	6.19E+03	8.18E+02	1.56E+09	•		•	1
Trimethylbenzene, 1,2,4-	Ψ-	•		_	1.14E+04	2.19E+02	1.56E+09	•	•	1	r
Trimethylbenzene, 1,3,5-	<del></del>	•		_	9.54E+03	1.82E+02	1.56E+09	ı		ı	Ā
Xylenes	-	•		<b></b>	8.28E+03	2,60E+02	1.56E+09	ı	,	,	
		: :									٠.

Quiputgenerated 153UN2046 11520517

(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.

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. (Im), 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), (10c), (10s), (20k), r. and rer. (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, 201), 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 <sup>1</sup>	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/1	1.8 mg/i
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	3
Asbestos	7 million fibers per liter (MFL)	0.7 MFL
Atrazine, total chlorinated residues	32 .	0.32
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/i
	400	80
Chloroethane	6	0.6
Chloroform	2	0.4
Chlorpyrifos		3 .
Chloromethane	30	10
Chromium (total)	100	
Chrysene	0.2	0.02

Published under s. 35.93, Stats. Updated on the first day of each month. Entire code is always current. The Register date on each page is the date the chapter was last published.

Register July 2015 No. 715

Table 1 - Continued Public Health Groundwater Quality Standards

Put	olic Health Groundwater Quality Standa	
Substance <sup>1</sup>	Enforcement Standard (micrograms per liter – except as noted)	Preventive Action Limit (micrograms per liter – except as noted)
Cobalt	40	8 .
Copper	1300	130
Cyanazine	t	0.1
Cyanide, free <sup>4</sup>	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 (čís)	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 <sup>5</sup>	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	I4 mg/i	2.8 mg/l
Fluoranthene	400	80
Fluorene	400	80
Fluoride	4 mg/l	0.8 mg/t
Fluorotrichloromethane	3490	698
Formaldehyde	1000	100
Heptachlor	0.4	0.04
Heptachlor epoxide	0.2	0.02
Hexachlorobenzene	V.2	0.1
	600	120
N-Hexane	30	6
Hydrogen sulfide	15	1.5
Lead		0.02
Lindane	0.2	60
Manganese	300	
Mercury	2	0.2

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Register July 2015 No. 715

Table 1 – Continued
Public Health Groundwater Quality Standards

Pul	blic Health Groundwater Quality Standa	
Substance <sup>1</sup>	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/1	0.2 mg/l
N-Nitrosodiphenylamine	7	0.7
Pentachlorophenol (PCP)	Ī	1.0
Perchlorate	l	0.1
Phenol	2 mg/l	0.4 mg/l
Picloranı	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
I,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
I, I, I-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	480	96
(1,2,4- and 1,3,5- combined)		

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Register July 2015 No. 735

Table 1 - Continued Public Health Groundwater Quality Standards

Substance <sup>†</sup>	Enforcement Standard (micrograms per liter – except as noted)	
Vinyl chloride	0.2	0.02
Xylene <sup>6</sup>	2 mg/i	0.4 mg/l

- Appendix I contains Chentical Abstract Service (CAS) registry numbers, common synonyms and trade names for most substances listed in T able 1
- <sup>2</sup> Total chlorinated atrazine residues includes parent compound and the following metabolites of health concern: 2-chloro-4-amino-6-isopropylamino-s-triazine (formerly deithylatrazine), 2-chloro-4-amino-6-chlylamino-s-triazine (formerly deisopropylatrazine) and 2-chloro-4.6-diamino-s-triazine (formerly deisopropylatrazine)
- <sup>3</sup> 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.
- <sup>2</sup> Cyanide, free refers to the simple cyanides (HCN, CN") and for readily dissociable metal-cyanide complexes. Free cyanide is regulatorily equivalent to cyanide quantified by approved analytical methods for "amenable cyanide" or "available cyanide".
- Dimitrotoluene, 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-, orthor, and para-xylene combined.

Ayrene includes metal., 01110-, and parallytene committee.

History: Cr. Register, September, 1985, No. 357, eff. 10-1-85; and 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. 2-1-02; am. Table 1, Register, March, 1994, No. 459, eff. 4-1-94; am. Table 1, Register, August, 1995, No. 417, eff. 10-1-90; am. Register, January, 1992, No. 433, eff. 2-1-1-99; am. Table 1, Register, December, 1998, No. 516, eff. 12-31-99; am. Table 1, Register, December, 1998, No. 516, eff. 12-31-99; am. Table 1, Register, December, 1998, No. 516, eff. 12-31-99; am. Table 1, Register, January, 2004, No. 516, eff. 3-1-04; CR 02-095; am. Table 1, Register November 2006, No. 611, eff. March, 2000, No. 551, eff. 4-1-00; CR 03-035; am. Table 1, Register January, 2007, No. 613; CR 07-036; am. Table 1, Register January, 2008, No. 625, eff. 2-1-08; CR 09-102; am. Table 1, Register January, 2007, 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

Carbutanaa	Enforcement Standard (milligrams per liter — except as noted)	Preventive Action Limit (milligrams per liter – except as noted)
Substance	250	125
Chloride	15 color units	7.5 color units
Color	-	0.25
Foaming agents MBAS (Methylene-Blue Active Substances)	0.5	
Iron	0.3	0.15
	0.05	0.025
Manganese	2	1.5
Odor	(Threshold Odor No.)	(Threshold Odor No.)
	250	125
Sulfate	250	2,5
Zinc	3	

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

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#### A.7. Other

Flow Velocity Calculations

Ellis Hand Car Wash BRRTS: 03-41-402801

М	w	-1

14188-1				
	ft/s	ft/year	cm/s	m/yr
к	2.99E-07	9.44E+00	9.11E-06	2.8740
	sq ft/s	sq cm/s		
<u>  T</u>	3.22E-06	2.99E-03		

#### MW-2

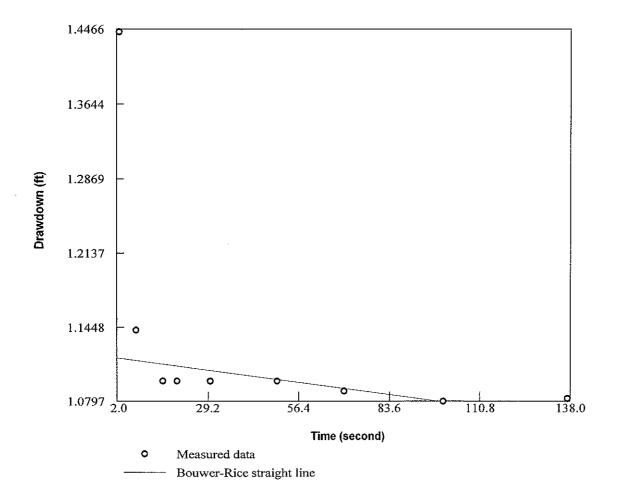
10100 2				
·	ft/s	ft/year	cm/s	m/yr
к	1.45E-07	4.58E+00	4.42E-06	1.3938
	sq ft/s	sq cm/s		
Т	1.40E-06	1.30E-03		

#### MW-5

11111-0				
	ft/s	ft/year	cm/s	m/yr
к	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)	ərageHyd 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
FILENAME: C:\Documents\ and\ Settings\Administrator\Application\ Data\DiverOffice\Ellis\ Hand\ Car\ Wash\CSV\mw-1b\_180507113649\_R2271.CSV
CREATED BY: Diver-Office 9.1.0.0
    BEGINNING OF DATA
[Logger settings]
 Instrument type
                  =Micro-Diver=15
 Status
              =Started =0
                 =..00-R2271 215.
 Serial number
 Instrument number = UTC-4
            =0
 Location
               =mw-1b
                  ≈S02
 Sample period
 Sample method
                   =T
 Number of channels =2
[Channel 1]
 Identification
                =PRESSURE
                 =13.12336 ft
 Reference level
               =90.22310 ft
 Range
                =0 m
 Master level
 Altitude
               =0
                     fŧ
[Channel 2]
                 =TEMPERATURE
 Identification
 Reference level
                  =-4.000 °F
 Range
               =180.000 °F
[Series settings]
                  =..00-R2271 215.
 Serial number
                          UTC-4
 Instrument number =
 Location
               =mw-1b
                  =00 00:00:02 0
 Sample period
                   =T
 Sample method
 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
                =0
 Master level
                      m
               =0
 Altitude
                    ft
 [Channel 2 from data header]
 Identification
                =TEMPERATURE
                 =-4.000 °F
 Reference level
               =180.000 °F
 Range
 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
                               49.76
         11:31:35 44.53603
         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

11:31:49 43.84733

11:31:51 43.94357

49.724

49.724

49.712

-0.09624

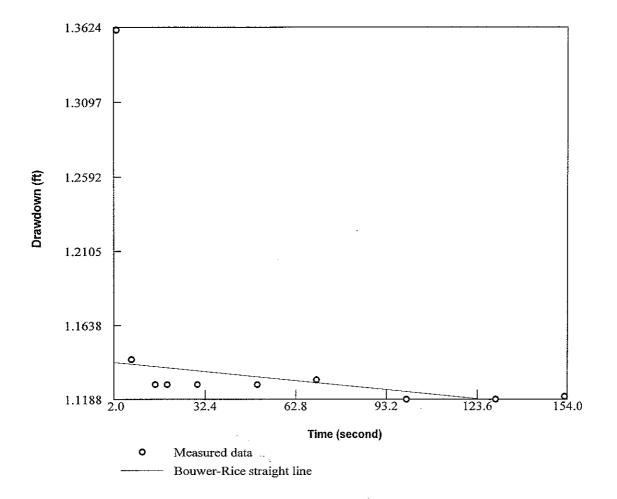
11:31:53	43.70899	49.7	6	0.13834
11:31:55	43.45636	49.7	8	0.39097
11:31:57	43.38419	49.7	10	0.46314
11:31:59	43.39321	49.688	12	0.45412
11:32:01	43.40223	49.688	14	0.4451
11:32:03	43.41727	49.676	16	0.43006
11:32:05	43.42629	49.676	18	0.42104
11:32:07	43.42028	49.664	20	0.42705
11:32:09	43.42028	49.664	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
11:34:47	43.43832	49.502	182	0.40901
11:34:49	43.43832	49.49		0.40901
		49.49	184	
11:34:53	43.43832		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

..

11:35:17	43.44734	49.478	210	0.39999
11:35:19	43.44734	49.478	212	0.39999
11:35:21	43.44734	49.478	214	0.39999
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
11:36:31	43.43832	49.454	284	0.40901
11:36:33	43.43832	49.442	286	0.40901
11:36:35	43.43832	49.454	288	0.40901
11:36:37	43.44734	49.454	290	0.39999

END OF DATA FILE OF DATALOGGER FOR WINDOWS



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 : 11:14:19 TIME FILENAME : C:\Documents and Settings\Administrator\Application Data\DiverOffice\Ellis Hand Car Wash\ CREATED BY: Diver-Office 9.1.0.0 [Logger settings] Instrument type =Micro-Diver=15 =Started =0 Status Serial number =..00-R2271 215. Instrument number = UTC-4 =0 Location =mw-2c Sample period =S02 Sample method =T Number of channels [Channel 1] Identification =PRESSURE Reference level =13.12336 ft =90.22310 ft Range Master level =0 m Altitude ft =0 [Channel 2] Identification =TEMPERATURE =-4.000 °F Reference level =180.000 °F Range [Series settings] Serial number =..00-R2271 215. Instrument number UTC-4 Location =mw-2c =00 00:00:02 0 Sample period 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 m Master level =0

Altitude

Identification

=0

[Channel 2 from data header]

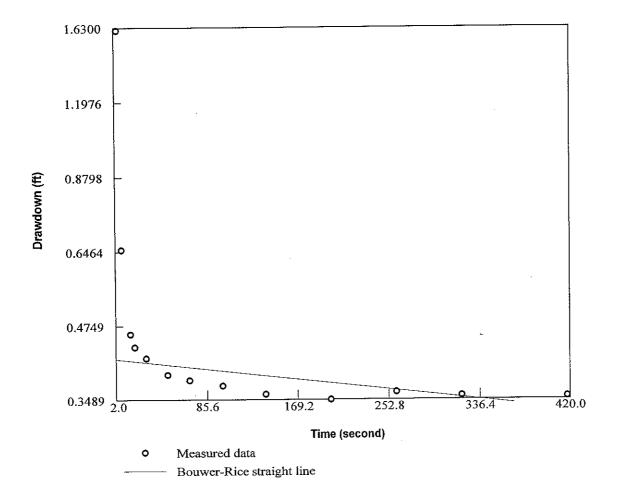
ft

=TEMPERATURE

Date/time	Pressure[ft]	Temperature[°F]	[	Drawdown
11:11:00	_	49.676		0
11:11:00		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
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11:12:00	44.28341	49.652	32	-1.12779
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11:12:00		49.652	36	-1.12779
11:12:00		49.652	38	-1.12779
11:12:00		49.652	40	-1.12779
11:12:00		49.652	42	-1.12779
11:12:00		49.652	44	-1.12779
11:12:00		49.64	46	-1.12779
11:12:00		49.64	48	-1.12779
11:12:00		49.64	50	-1.12779
11:12:00		49.64	52	-1.12779
11:12:00		49.64	54	-1.11877
11:12:00		49.64	56	-1.11877
11:12:00		49.64	58	-1.11877
11:12:00		49.64	60	-1.12779
11:12:00	44.28341	49.64	62	-1.12779

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       44.28341       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         11:13:00       44.27439       49.616       84       -1.11877         11:13:00       44.27439       49.616       86       -1.11877         11:13:00       44.27439       49.616       80       -1.11877         11:13:00       44.27439       49.616       90       -1.11877         11:13:00       44.27439       49.616       90       -1.11877         11:13:00       44.27439       49.604       96       -1.11877         11:13:00       44.27439       49.604       96       -1.11877         11:13:00       44.27439       49.604
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       44.27439       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       44.27439       49.616       88       -1.12779         11:13:00       44.27439       49.616       90       -1.11877         11:13:00       44.27439       49.616       90       -1.11877         11:13:00       44.27439       49.604       96       -1.11877         11:13:00       44.27439       49.604       96       -1.11877         11:13:00       44.27439       49.604       100       -1.11877         11:13:00       44.27439       49.604       100       -1.11877         11:13:00       44.27439       49.
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         11:13:00       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         11:13:00       44.27439       49.604       96       -1.11877         11:13:00       44.27439       49.604       96       -1.11877         11:13:00       44.27439       49.604       100       -1.11877         11:13:00       44.27439       49.604       102       -1.11877         11:13:00       44.27439       49.604       104       -1.11877         11:13:00       44.27439       4
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         11:13:00       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         11:13:00       44.27439       49.616       94       -1.11877         11:13:00       44.27439       49.604       96       -1.11877         11:13:00       44.27439       49.604       98       -1.11877         11:13:00       44.27439       49.604       100       -1.11877         11:13:00       44.27439       49.604       102       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439
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         11:13:00       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         11:13:00       44.27439       49.616       94       -1.11877         11:13:00       44.27439       49.604       96       -1.11877         11:13:00       44.27439       49.604       98       -1.11877         11:13:00       44.27439       49.604       100       -1.11877         11:13:00       44.27439       49.604       102       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439
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         11:13:00       44.27439       49.616       84       -1.11877         11:13:00       44.27439       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         11:13:00       44.27439       49.604       94       -1.11877         11:13:00       44.27439       49.604       96       -1.11877         11:13:00       44.27439       49.604       100       -1.11877         11:13:00       44.27439       49.604       102       -1.11877         11:13:00       44.27439       49.604       104       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       <
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         11:13:00       44.27439       49.616       84       -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         11:13:00       44.27439       49.604       96       -1.11877         11:13:00       44.27439       49.604       98       -1.11877         11:13:00       44.27439       49.604       100       -1.11877         11:13:00       44.27439       49.604       102       -1.11877         11:13:00       44.27439       49.604       104       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439
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         11:13:00       44.27439       49.604       96       -1.11877         11:13:00       44.27439       49.604       98       -1.11877         11:13:00       44.27439       49.604       100       -1.11877         11:13:00       44.27439       49.604       104       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439
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         11:13:00       44.27439       49.604       96       -1.11877         11:13:00       44.27439       49.604       98       -1.11877         11:13:00       44.27439       49.604       100       -1.11877         11:13:00       44.27439       49.604       104       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439
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         11:13:00       44.27439       49.616       94       -1.11877         11:13:00       44.27439       49.604       96       -1.11877         11:13:00       44.27439       49.604       100       -1.11877         11:13:00       44.27439       49.604       102       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       106       -1.11877           11:13:00       <
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         11:13:00       44.27439       49.616       94       -1.11877         11:13:00       44.27439       49.604       96       -1.11877         11:13:00       44.27439       49.604       100       -1.11877         11:13:00       44.27439       49.604       102       -1.11877         11:13:00       44.27439       49.604       104       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       108       -1.11877         11:13:00       44.27439       49.604       108       -1.11877         11:13:00       44.27439       49.604       100       -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         11:13:00       44.27439       49.616       94       -1.11877         11:13:00       44.27439       49.604       96       -1.11877         11:13:00       44.27439       49.604       100       -1.11877         11:13:00       44.27439       49.604       102       -1.11877         11:13:00       44.27439       49.604       104       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       108       -1.11877         11:13:00       44.27439       49.604       108       -1.11877         11:13:00       44.27439       49.604       10       -1.11877
11:13:00       44.27439       49.616       90       -1.11877         11:13:00       44.27439       49.616       92       -1.11877         11:13:00       44.27439       49.616       94       -1.11877         11:13:00       44.27439       49.604       96       -1.11877         11:13:00       44.27439       49.604       100       -1.11877         11:13:00       44.27439       49.604       102       -1.11877         11:13:00       44.27439       49.604       104       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       108       -1.11877         11:13:00       44.27439       49.604       108       -1.11877         11:13:00       44.27439       49.604       10       -1.11877
11:13:00       44.27439       49.616       92       -1.11877         11:13:00       44.27439       49.616       94       -1.11877         11:13:00       44.27439       49.604       96       -1.11877         11:13:00       44.27439       49.604       98       -1.11877         11:13:00       44.27439       49.604       100       -1.11877         11:13:00       44.27439       49.604       104       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       108       -1.11877         11:13:00       44.27439       49.604       108       -1.11877         11:13:00       44.27439       49.604       100       -1.11877
11:13:00       44.27439       49.616       94       -1.11877         11:13:00       44.27439       49.604       96       -1.11877         11:13:00       44.27439       49.604       98       -1.11877         11:13:00       44.27439       49.604       100       -1.11877         11:13:00       44.27439       49.604       102       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       108       -1.11877         11:13:00       44.27439       49.604       100       -1.11877         11:13:00       44.27439       49.604       108       -1.11877
11:13:00       44.27439       49.604       96       -1.11877         11:13:00       44.27439       49.604       98       -1.11877         11:13:00       44.27439       49.604       100       -1.11877         11:13:00       44.27439       49.604       102       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       108       -1.11877         11:13:00       44.27439       49.604       108       -1.11877         11:13:00       44.27439       49.604       110       -1.11877
11:13:00       44.27439       49.604       98       -1.11877         11:13:00       44.27439       49.604       100       -1.11877         11:13:00       44.27439       49.604       102       -1.11877         11:13:00       44.27439       49.604       104       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       108       -1.11877         11:13:00       44.27439       49.604       110       -1.11877
11:13:00       44.27439       49.604       100       -1.11877         11:13:00       44.27439       49.604       102       -1.11877         11:13:00       44.27439       49.604       104       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       108       -1.11877         11:13:00       44.27439       49.604       110       -1.11877
11:13:00       44.27439       49.604       102       -1.11877         11:13:00       44.27439       49.604       104       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       108       -1.11877         11:13:00       44.27439       49.604       110       -1.11877
11:13:00       44.27439       49.604       104       -1.11877         11:13:00       44.27439       49.604       106       -1.11877         11:13:00       44.27439       49.604       108       -1.11877         11:13:00       44.27439       49.604       110       -1.11877
11:13:00     44.27439     49.604     106     -1.11877       11:13:00     44.27439     49.604     108     -1.11877       11:13:00     44.27439     49.604     110     -1.11877
11:13:00     44.27439     49.604     108     -1.11877       11:13:00     44.27439     49.604     110     -1.11877
11:13:00 44.27439 49.604 110 -1.11877
11:13:00 44.27439 49.604 114 -1.11877
11:13:00 44.27439 49.604 116 -1.11877
11:13:00 44.27439 49.604 118 -1.11877
11:13:00 44.27439 49.604 120 -1.11877
11:13:00 44.27439 49.604 122 -1.11877
11:13:00 44.28341 49.604 124 -1.12779
11:13:00 44.27439 49.604 126 -1.11877
11:13:00 44.27439 49.604 128 -1.11877
11:13:00 44.27439 49.604 130 -1.11877
11:13:00 44.27439 49.604 132 -1.11877
11:13:00 44.27439 49.604 134 -1.11877
11:13:00 44.28341 49.604 136 -1.12779
11:13:00 44.27439 49.604 138 -1.11877
11:13:00 44.27439 49.604 140 -1.11877
11:13:00 44.27439 49.604 142 -1.11877
11:13:00 44.27439 49.604 144 -1.11877
11:14:00 44.27439 49.592 146 -1.11877
11:14:00 44.28341 49.592 148 -1.12779
11:14:00 44.26537 49.604 150 -1.10975
11:14:00 44.27439 49.592 152 -1.11877
11:14:00 44.27439 49.604 154 -1.11877

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

[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]

Serial number = ..00-R2271 215. Instrument number = UTC-4

Location =mw-5d

Sample period =00 00:00:02 0

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

Date/time	Proceuralft	Temperature[°F]	ſ	Drawdown
10:46:00	42.52105	48.65		0
10:46:00	42.52103	48.65		-0.00902
10:46:00	42.53007	48.65		-0.00902
10:46:00	42.52105	48.65		0.00302
10:46:00	42.53308	48.662		-0.01203
10:46:00	42.53308	48.65		0.01203
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		48.638	10	0.57442
10:46:00		48.638	12	0.52329
10:46:00	42.03385	48.626	14	0.4872
10:46:00		48.626	16	
10:47:00	42.06693	48.626	18	0.45412
10:47:00		48.626	20	0.43608
10:47:00		48.626	22	0.43608
10:47:00		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
10:47:00	42.13309	48.602	52	0.38796
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
10:47:00	42.14212	48.614	60	0.37893
10:47:00	42.14212	48.614	62	0.37893

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
10:47:00	42.14212	48.602	70	0.37893
10:47:00	42.14212	48.614	72	0.37893
10:47:00	42.14212	48.614	74	0.37893
10:47:00	42.14212	48.602	76	0.37893
10:48:00	42.15114	48.614	78	0.36991
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
10:48:00	42.15114	48.614	86	0.36991
10:48:00	42.15114	48.614	88	0.36991
10:48:00	42.15114	48.602	90	0.36991
10:48:00	42.15114	48.614	92	0.36991
10:48:00	42.15114	48.6 <b>1</b> 4	94	0.36991
10:48:00	42.15114	48.614	96	0.36991
10:48:00	42.16016	48.614	98	0.36089
10:48:00	42.15114	48.614	100	0.36991
10:48:00	42.15114	48.6 <b>1</b> 4	102	0.36991
10:48:00	42.15114	48.614	104	0.36991
10:48:00	42.15114	48.614	106	0.36991
10:48:00	42.15114	48.614	108	0.36991
10:48:00	42.15114	48.614	110	0.36991
10:48:00	42.16016	48.614	112	0.36089
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10:48:00	42.16016	48.614	116	0.36089
10:48:00	42.15114	48.614	118	0.36991
10:48:00	42.16016	48.614	120	0.36089
10:48:00	42.16016	48.614	122	0.36089 0.36089
	42.16016	48.614	124	
10:48:00	42.16016	48.614	126 128	0.36089 0.36089
10:48:00	42.16016	48.614 48.614	130	0.36089
10:48:00 10:48:00	42.16016 42.16016	48.614 48.614	132	0.36089
10:48:00	42.16016	48.614	134	0.36089
10:48:00	42.16016	48.614	136	0.36089
10:49:00	42.17219	48.626	138	0.34886
10:49:00	42.17213	48.626	140	0.35788
10:49:00	42.16317	48.626	142	0.35788
10:49:00	42.16317	48.626	144	0.35788
10:49:00	42.16317	48.626	146	0.35788
10:49:00	42.10317	48.626	148	0.34886
10:49:00	42.17219	48.626	150	0.34886
10:49:00	42.16317	48.626	152	0.35788
10:49:00	42.17219	48.626	154	0.34886
10:49:00	42.17219	48.638	156	0.34886

10:49:00	42.17219	48.638	158	0.34886
10:49:00	42.17219	48.638	160	0.34886
10:49:00	42.17219	48.638	162	0.34886
10:49:00	42.16317	48.638	164	0.35788
10:49:00	42.16317	48.638	166	0.35788
10:49:00	42.16317	48.638	168	0.35788
10:49:00	42.16317	48.638	170	0.35788
10:49:00	42.16317	48.638	172	0.35788
10:49:00	42.16317	48.638	174	0.35788
10:49:00	42.16317	48.638	176	0.35788
10:49:00	42.16317	48.638	178	0.35788
10:49:00	42.17219	48.638	180	0.34886
10:49:00	42.17219	48.638	182	0.34886
10:49:00	42.17219	48.638	184	0.34886
10:49:00	42.17219	48.638	186	0.34886
10:49:00	42.17219	48.638	188	0.34886
10:49:00	42.17219	48.638	190	0.34886
10:49:00	42.16317	48.638	192	0.35788
10:49:00	42.16317	48.638	194	0.35788
10:49:00	42.17219	48.638	196	0.34886
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10:50:00	42.17219	48.638	200	0.34886
10:50:00	42.16317	48.65	202	0.35788
10:50:00	42.17219	48.638	204	0.34886
10:50:00	42.16317	48.65	206	0.35788
10:50:00	42.16317	48.65	208	0.35788
10:50:00	42.16317	48.65	210	0.35788
10:50:00	42.16317	48.65	212	0.35788
10:50:00	42.16317	48.65	214	0.35788
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10:50:00	42.16317	48.65	218	0.35788
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10:50:00	42.16317	48.65	234	0.35788
10:50:00	42.16317	48.65	236	0.35788
10:50:00	42.16617	48.662	238	0.35488
10:50:00	42.16617	48.662	240	0.35488
10:50:00	42.16617	48.662	242	0.35488
10:50:00		48.662	244	0.35488
10:50:00	42.15414	48.65	246	0.36691
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10:50:00	42.16617	48.662	256	0.35488
10:51:00	42.16016	48.662	258	0.36089
10:51:00	42.16016	48.662	260	0.36089
10:51:00	42.16617	48.662	262	0.35488
10:51:00	42.16016	48.662	264	0.36089
10:51:00	42.16617	48.662	266	0.35488
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10:51:00	42.16617	48.662	272	0.35488
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10:51:00	42.16617	48.674	302	0.35488
10:51:00	42.16617	48.674	304	0.35488
10:51:00	42.1752	48.674	306	0.34585
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10:51:00	42.16617	48.674	310	0.35488
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10:51:00	42.1752	48.674	314	0.34585
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10:52:00	42.16617	48.674	324	0.35488
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10:52:00	42.1752	48.686	338	0.34585
10:52:00	42.16617	48.686	340	0.35488
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10:52:00	42.16617	48.686	344	0.35488

10:52:00	42.16617	48.686	346	0.35488
10:52:00	42.1752	48.686	348	0.34585
10:52:00	42.16617	48.686	350	0.35488
10:52:00	42.16617	48.686	352	0.35488
10:52:00	42.16617	48.686	354	0.35488
10:52:00	42.16617	48.686	356	0.35488
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10:52:00	42.1752	48.686	362	0.34585
10:52:00	42.16617	48. <del>6</del> 86	364	0.35488
10:52:00	42.16617	48.686	366	0.35488
10:52:00	42.16617	48.686	368	0.35488
10:52:00	42.1752	48.686	370	0.34585
10:52:00	42.16617	48.686	372	0.35488
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10:53:00	42.16617	48.686	382	0.35488
10:53:00	42.18121	48.698	384	0.33984
10:53:00	42.17219	48.698	386	0.34886
10:53:00	42.18121	48.698	388	0.33984
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10:53:00	42.17219	48.698	392	0.34886
10:53:00	42.17219	48.698	394	0.34886
10:53:00	42.17219	48.698	396	0.34886
10:53:00	42.18121	48.698	398	0.33984
10:53:00	42.17219	48.698	400	0.34886
10:53:00	42.18121	48.698	402	0.33984
10:53:00	42.17219	48.698	404	0.34886
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10:53:00	42.17219	48.698	408	0.34886
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10:53:00	42.17219	48.698	412	0.34886
10:53:00	42.17219	48.698	414	0.34886
10:53:00	42.17219	48.698	416	0.34886
10:53:00	42.18121	48.698	418	0.33984
10:53:00	42.17219	48.698	420	0.34886

END OF DATA FILE OF DATALOGGER FOR WINDOWS

Site Investigation Report - METCO
Ellis Hand Car Wash
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.

# **Tyler Woodke**

### **Professional Title**

Staff Scientist

#### **Credentials**

 Registered through the Wisconsin Department of Safety and Professional Services as a PECFA consultant (#396413).

#### Education

Includes B.S. in Geography with an Environmental Studies minor from the University of Wisconsin-La Crosse. Applicable courses successfully completed include: Introduction to Biology, Introduction to Environmental Studies, Earth Environments, Conservation of Global Environments, Introduction to GIS, History of Environmental Policies in the U.S., Interpretation of Aerial Photographs, Fundamentals of Cartography, Environmental Hazards/Land Use, Remote Sensing, Water Resources, Environmental Sustainability, and Environmental Ethics, Outdoor Recreation and Natural Resources.

## **Work Experience**

With METCO since February, 2018 as Staff Scientist. Duties include: soil and groundwater sampling, operation and maintenance of remedial systems, Geoprobe projects (oversight, direction, and sampling), site mapping, data reduction and analysis, and reporting.

# Kaylin D. Felix

### **Professional Title**

Hydrogeologist

#### Credentials

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

#### Education

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

# **Work Experience**

With METCO since April, 2018 as Hydrogeologist. Duties include: soil and groundwater sampling, operation and maintenance of remedial systems, Geoprobe projects (oversight, direction, and sampling), site mapping, data reduction and analysis, and reporting.

## **Maxwell Wannow**

### **Professional Title**

Hydrogeologist

#### **Credentials**

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

### Education

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

## **Work Experience**

With METCO since June, 2018 as Hydrogeologist. Duties include: soil and groundwater sampling, operation and maintenance of remedial systems, Geoprobe projects (oversight, direction, and sampling), site mapping, data reduction and analysis, and reporting.

Site Investigation Report - METCO Ellis Hand Car Wash APPENDIX G/ STANDARD OF CARE

# Site Investigation Report - METCO Ellis Hand Car Wash STANDARD OF CARE

The analysis and conclusions expressed in this report are based upon data obtained from the indicated subsurface locations and from other sources discussed in this report. Actual subsurface conditions may vary and may not become evident without further assessment.

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

We appreciate the opportunity to be of service to you. If you have any questions or require additional information, please do not hesitate to contact us.

"I Jason T. Powell, hereby certify that I am a scientist as that term is defined in s.NR 712.03 (3), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."

Jason T. Powell Staff Scientist

Date

"I Ronald J. Anderson, hereby certify that I am a hydrogeologist as that term is defined in s.NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."

Ronald J. Anderson PG

Senior Hydrogeologist/Project Manager