Site Investigation Report

Greenfield Property – WI DOT N2828 West Rock River Road Waupun (Town of Alto), Wisconsin

April 12, 2016 by METCO WDNR File Reference #: 03-20-001801 PECFA Claim #: 53963-9418-28



This document was prepared by:

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April 12, 2016

WDNR BRRTS#: 03-20-001801 PECFA Claim #: 53963-9418-28-A

Glendon Greenfield N2828 West Rock River Road Waupun (Town of Alto), WI 53963-9418

Dear Mr. Greenfield,

Enclosed is our "Site Investigation Report" concerning the Greenfield Property – WI DOT site in Waupun (Town of Alto), 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.

Additional groundwater monitoring will likely be required by the state for trend analysis as only two rounds of groundwater monitoring have been completed to date. Vapor risk is unlikely at this time due to low levels for Benzene (8.9 ppb) in groundwater, and no soil exceedances for either G-9 or G-11 which are nearest the residence. Per response from the WDNR concerning this report, METCO will proceed.

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: Sarah Frederick - WDNR

En I Powell

EXECUTIVE SUMMARY

A farm has existed on the Greenfield Property for at least 100 years. In 1974, two 500-gallon USTs (leaded gasoline and diesel) were installed for fueling farm equipment. In 1986, the two 500-gallon USTs were removed and replaced with two 300-gallon USTs (leaded gasoline and diesel). Glen Greenfield removed the two 300-gallon USTs in 1992.

On December 1, 1992, Northern Environmental completed one soil boring in the area of the removed USTs. The soil boring was advanced to 7.5 feet with one soil sample collected at 7.5 feet for GRO analysis. The soil analytical results showed 2,500 ppm GRO and the petroleum contamination was reported to the WDNR, who then required that a site investigation be completed.

In July 1993, Glen Greenfield excavated approximately 50 yards of petroleum contaminated soil from the area of the removed USTs. The petroleum contaminated soil was stockpiled on a concrete pad, mixed with silage, and turned over several times. Several years after vegetation started to grow in the soil pile, the soil was thin spread on the property.

In 2014, METCO was contracted to complete the site investigation, which consisted of a Geoprobe Project, Drilling Project, and two rounds of groundwater monitoring. The results of the investigation clearly show that released petroleum products have impacted the local soil and groundwater. Results of the investigation are as follows:

- Local unconsolidated material (Till) generally consists of sandy silt/clay with gravel from surface to depths ranging from 26 to 31 feet below ground surface (bgs). Cobbles and some boulders were encountered in the unconsolidated materials starting at depths ranging from 5 to 16 feet bgs and were present to the bedrock surface (26-31 feet bgs). Fill material consisting of clayey sand and gravel was encountered in the area of the removed UST's. The fill material extends to approximately 6-8 feet bgs.
- Dolomite bedrock was encountered at depths ranging from 26 to 31 feet bgs and extending to at least 37 feet bgs.
- According to data collected from the monitoring wells, the depth to groundwater ranges from 5.08 to 17.22 feet bgs depending on well location and time of year. The local horizontal groundwater flow in the immediate area of the subject property is generally to the east/northeast. The two rounds of groundwater monitoring show a steep hydraulic gradient for the water table, which drops approximately 1 foot for every 7 to 10 feet of horizontal distance.
- An area of unsaturated soil contamination, which exceeds the NR720 Groundwater RCL values, exists in the area of the removed UST's. This consists of an irregular

shaped area, which appears to measure up to 20 feet long, up to 12 feet wide, and up to 3.5 feet thick.

- A dissolved phase contaminant plume exceeding the NR140 ES and/or PAL has formed at the watertable in the area of the removed UST's and has migrated toward the east/northeast. This plume is approximately 69 feet long and 44 feet wide.
- Based on the most recent groundwater analytical results, one monitoring well (MW-1) shows NR140 ES and/or PAL exceedances. Monitoring wells MW-2 and MW-3 do not show any NR140 ES and/or PAL exceedances for any contaminants of concern.
- Based on the receptor survey, there does not appear to be any risk of contaminant migration along utility corridors or vapor intrusion to nearby buildings.
- The on-site potable well has been sampled three times and has not shown any detects for either VOC's or Dissolved lead.
- There are no other known potable wells within 400 feet of the groundwater contaminant plume.

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.

Additional groundwater monitoring will likely be required by the state for trend analysis as only two rounds of groundwater monitoring have been completed to date. Vapor risk is unlikely at this time due to low levels for Benzene (8.9 ppb) in groundwater, and no soil exceedances for either G-9 or G-11 which are nearest the residence. Per response from the WDNR concerning this report, METCO will proceed.

LIST OF ACRONYMS

AST - Aboveground Storage Tank

ASTM - American Society for Testing and Materials

Cd - Cadmium

DOT - Department of Transportation

DRO - Diesel Range Organics

ES - Enforcement Standards

gpm - gallons per minute

GRO - Gasoline Range Organics

HNU - brand name for Photoionization Detector

ID - inside-diameter

LAST - Leaking Aboveground Storage Tank

LUST - Leaking Underground Storage Tank

MSL - Mean Sea Level

MTBE - Methyl-tert-butyl ether

MW - Monitoring Well

NIOSH - National Institute for Occupational Safety & Health

NR - Natural Resources

OD - outside-diameter

PAH - Polynuclear Aromatic Hydrocarbons

PAL - Preventive Action Limits

Pb - Lead

PECFA - Petroleum Environmental Cleanup Fund

PID - Photoionization Detector

POTW - Publicly Owned Treatment Works

ppb ug/kg - parts per billion

ppm mg/kg - parts per million

psi - pounds per square inch

PVC - Polyvinyl Chloride

PVOC - Petroleum Volatile Organic Compounds

RAP - Remedial Action Plan

scfm - standard cubic feet per minute

SVE - Soil Vapor Extraction

USCS - Unified Soil Classification System

USGS - United States Geological Survey

UST - Underground Storage Tank

VOC - Volatile Organic Compounds

WDNR - Wisconsin Department of Natural Resources

WPDES - Wisconsin Pollutant Discharge Elimination System

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1.0 INTRODUCTION AND BACKGROUND

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

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

- 1) Determine the extent and degree of petroleum contamination in the environment.
- 2) Determine if any risks exist to the environment or public health.
- 3) As conditions warrant, bring the site to closure.

1.1 Responsible Party Information

Glendon Greenfield N2828 W. Rock River Rd Waupun, WI 53963-9418 (920) 346-5152

1.2 Consultant Information

Consultant

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

Subcontractors

DKS Transport Services, LLC N7349 548th Street Menomonie, WI 54751 (715) 556-2604 Fauerbach Surveying & Engineering P.O. Box 140 Hillsboro, WI 54634 (608) 489-3363

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

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

1.3 Site Location

Site address: N2828 West Rock River Road Waupun (Town of Alto), WI 53963

Latitude and Longitude: 43° 38' 42" N and 88° 48' 3" W

WTM Coordinates: 616711, 353133

Township/Range:

NW ¼, NW ¼, Section 35, Township 14 North, Range 14 East, Fond Du Lac County

1.4 Site History

A farm has existed on the Greenfield Property for at least 100 years. In 1974, two 500-gallon USTs (leaded gasoline and diesel) were installed for fueling farm equipment. In 1986, the two 500-gallon USTs were removed and replaced with two 300-gallon USTs (leaded gasoline and diesel). Glen Greenfield removed the two 300-gallon USTs in 1992.

On December 1, 1992, Northern Environmental completed one soil boring in the area of the removed USTs. The soil boring was advanced to 7.5 feet with one soil sample collected at 7.5 feet for GRO analysis. The soil analytical results showed 2,500 ppm GRO and the petroleum contamination was reported to the WDNR, who then required that a site investigation be completed.

In July 1993, Glen Greenfield excavated approximately 50 yards of petroleum contaminated soil from the area of the removed USTs. The petroleum contaminated soil was stockpiled on a concrete pad, mixed with silage, and turned over several times. Several years after vegetation started to grow in the soil pile, the soil was thin spread on the property.

No other LUST or ERP sites are known to exist within 1½ miles of the subject property.

2.0 GEOLOGY AND RECEPTORS

2.1 Regional and Local Geology and Hydrogeology

Topography and Regional Setting

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

The elevation of the site is approximately 920 feet above Mean Sea Level (MSL). See Appendix A for site location.

Soil and Bedrock

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

Local unconsolidated materials (Till) generally consist of tan to brown to orange to gray sandy silt/clay with gravel from surface to depths ranging from 26 to 31 feet bgs. Cobbles and some boulders were encountered in the unconsolidated materials starting at depths ranging from 5 to 16 feet bgs and were present to bedrock surface (26-31 feet bgs).

Fill material consisting of gray clayey sand and gravel was encountered in the area of the removed UST's from ground surface to depths ranging from 6 to 10 feet bgs.

Tan dolomite bedrock was encountered at depths ranging from 26 to 31 feet bgs and extending to at least 37 feet bgs.

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

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

Hydrogeology

According to data collected from the monitoring wells, the depth to groundwater ranges from 5.08 to 17.22 feet bgs depending on well location and time of year.

According to the water table measurements collected during groundwater sampling, the local horizontal groundwater flow in the immediate area of the subject property is generally to the east/northeast. The two rounds of groundwater monitoring show a steep hydraulic gradient for the water table, which drops approximately 1 foot for every 7 to 10 feet of horizontal distance. Groundwater Flow Direction Maps are presented in Section 6.

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

2.2 Receptors

Buildings, Basements, Sumps, Utility Corridors

The only utility line that exists in any area of residual soil or groundwater contamination is a buried electric line. Buried electric lines typically exist within 30 inches of ground surface and are backfilled with native soil. Based on this, the utility corridor does not appear to be a preferential contaminant migration pathway.

The extent of petroleum contamination in groundwater exceeding the NR140 ES does extend up to and underneath the southeast corner of the garage. However, the extent of petroleum contamination in groundwater exceeding the NR140 ES and/or PAL does not come into contact with any other buildings, basements, or sumps.

There does not appear to be any vapor intrusion risk to the garage for the following reasons: 1) The garage is not an inhabited building. 2) Benzene levels in groundwater are significantly less than 1,000 ppb. 3) Free product has not been encountered at the subject property.

There does not appear to be any risk to the residence on site, since there is no soil or groundwater contamination in the area of the home.

Municipal and Private Water Supply Wells

The subject property and surrounding properties are all served by private potable wells. The on site potable well exists approximately 100 feet to the north of the removed USTs. An inactive potable well that was taken out of use because it did not produce enough water exists approximately 25 feet to the south of the active potable well. The next closest potable well exists on a neighboring property which is approximately 450 feet to the northeast (farm house) of the former UST system.

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 the Rock River, which exists approximately 1,500 feet to the north 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 January 8, 2014, METCO prepared a LUST Investigation Field Procedures Workplan.
- 3) On August 11, 2014, METCO completed fifteen Geoprobe borings. Fortythree soil samples were collected for field and/or laboratory analysis. A water sample was also collected from the on-site potable well for laboratory analysis.
- 4) On September 1, 2015, METCO completed three soil borings which were converted to monitoring wells. Twenty soil samples were collected for field and/or laboratory analysis. Upon completion, the monitoring wells were properly developed.
- 5) On September 23, 2015, METCO collected groundwater samples from all three monitoring wells and the on-site potable well for field and/or laboratory analysis (Round 1). The monitoring well network was also properly surveyed to feet MSL at this time.
- 6) On December 21, 2015, METCO collected groundwater samples from all three monitoring wells and the on-site potable well for field and/or laboratory analysis (Round 2).

Site Access Problems

No site access problems were encountered during the LUST investigation.

Analytical Methods

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

Equipment advanced into the subsurface was cleaned between sampling

locations. Cleaning consisted of washing with a biodegradable Alconox solution and rinsing with potable water. Disposable equipment was not cleaned, but immediately disposed of after use.

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

3.2 Data Discussion

Soil Sampling Data

On August 11, 2014, during the Geoprobe project, fifteen Geoprobe borings were completed with forty-three soil samples collected for field and laboratory analysis (PID, VOC, PVOC, PAH, Naphthalene, and Lead).

On September 1, 2015, during the Drilling project, three soil borings were completed with twenty soil samples collected for field and laboratory analysis (PID, DRO, GRO, PVOC, Naphthalene, and TCLP-Lead).

Soil analytical results are summarized in the Soil Analytical Tables with exceedances of the NR720 Groundwater RCL values noted.

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

Groundwater Sampling Data

On September 23, 2015, Round 1 groundwater samples were collected from all three monitoring wells and analyzed for VOC, PAH, Dissolved Lead, and natural attenuation parameters (Dissolved Iron, Dissolved Manganese, Sulfates, and Nitrate/Nitrite). Field measurements for water level, temperature, pH, ORP, Dissolved Oxygen, and Specific Conductance were collected from the three monitoring wells.

On December 21, 2015, Round 2 groundwater samples were collected from all three monitoring wells and analyzed for PVOC, Naphthalene, and Dissolved Lead. Field measurements for water level, temperature, pH, ORP, Dissolved Oxygen, and Specific Conductance were collected from the three monitoring wells.

Monitoring well groundwater analytical results are summarized in the Groundwater Analytical Results Summary Table with exceedances of the NR140 Enforcement Standard (ES) and/or Preventive Action Limits (PAL) noted.

The 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.

Potable Well Sampling Data

On August 11, 2014, during the Geoprobe project, METCO personnel collected a water sample from the on-site potable well for laboratory analysis (VOC Method 524.2).

On September 23, 2015, during the Round 1 sampling event, METCO personnel collected a water sample from the on-site potable well for laboratory analysis (VOC Method 8260).

On December 21, 2015, during the Round 2 sampling event, METCO personnel collected a water sample from the on-site potable well for laboratory analysis (VOC Method 8260 and Dissolved Lead).

Potable well analytical results are summarized in the Groundwater Analytical Results Tables.

The potable well location is 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

Slug tests were not conducted during the site investigation. Book values for geologic materials (sandy silt) at the watertable give an estimated hydraulic conductivity of 10⁻⁴ to 10⁻⁶ cm/s. Based on the average hydraulic gradient of 0.1165689 for the two rounds of groundwater monitoring, this yields an estimated flow velocity of 0.12240 to 12.23973 m/yr. Slug test data is presented in Appendix E.

3.4 Discussion of Results

Local unconsolidated material (Till) generally consists of sandy silt/clay with gravel from surface to depths ranging from 26 to 31 feet below ground surface (bgs). Cobbles and some boulders were encountered in the unconsolidated materials starting at depths ranging from 5 to 16 feet bgs and were present to the bedrock surface (26-31 feet bgs). Fill material consisting of clayey sand and gravel was encountered in the area of the removed UST's. The fill material extends to approximately 6-8 feet bgs.

Dolomite bedrock was encountered at depths ranging from 26 to 31 feet bgs and extending to at least 37 feet bgs.

According to data collected from the monitoring wells, the depth to groundwater ranges from 5.08 to 17.22 feet bgs depending on well location and time of year. The local horizontal groundwater flow in the immediate area of the subject property is generally to the east/northeast. The two rounds of groundwater monitoring show a steep hydraulic gradient for the water table, which drops approximately 1 foot for every 7 to 10 feet of horizontal distance.

An area of unsaturated soil contamination, which exceeds the NR720 Groundwater RCL values, exists in the area of the removed UST's. This consists of an irregular shaped area, which appears to measure up to 20 feet long, up to 12 feet wide, and up to 3.5 feet thick.

A dissolved phase contaminant plume exceeding the NR140 ES and/or PAL has formed at the watertable in the area of the removed UST's and has migrated toward the east/northeast. This plume is approximately 69 feet long and 44 feet wide.

Based on the most recent groundwater analytical results, one monitoring well (MW-1) shows NR140 ES and/or PAL exceedances. Monitoring wells MW-2 and MW-3 do not show any NR140 ES and/or PAL exceedances for any contaminants of concern.

Based on the receptor survey, there does not appear to be any risk of contaminant migration along utility corridors or vapor intrusion to nearby buildings.

The on-site potable well has been sampled three times and has not shown any detects for either VOC's or Dissolved lead.

There are no other known potable wells within 400 feet of the groundwater contaminant plume.

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

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

3.6 Risk Assessment

Per the NR746.03 definitions a release from petroleum tanks is considered

"high risk" if any of the four following criterion are met:

- 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 Greenfield Property – WI DOT site is currently a "high risk" site because the on-site potable well does exist within 100 feet of the groundwater contaminant plume exceeding the NR140 ES.

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

Additional groundwater monitoring will likely be required by the state for trend analysis as only two rounds of groundwater monitoring have been completed to date. Vapor risk is unlikely at this time due to low levels for Benzene (8.9 ppb) in groundwater, and no soil exceedances for either G-9 or G-11 which are nearest the residence. Per response from the WDNR concerning this report, METCO will proceed.

5.0 REFERENCES

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

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

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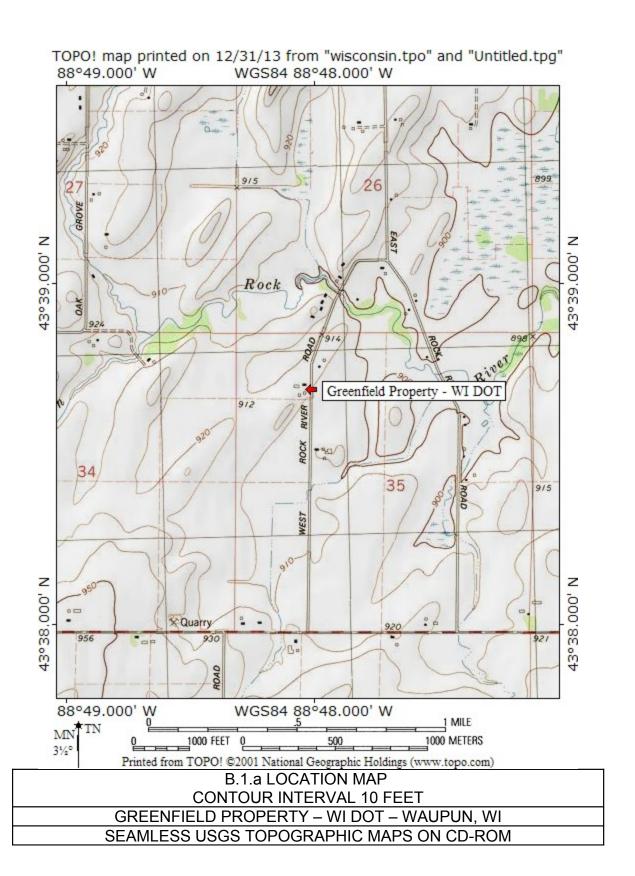
Seamless USGS Topographic Maps on CD-ROM, 2001, National Geographic Holdings, Inc., San Francisco, California.

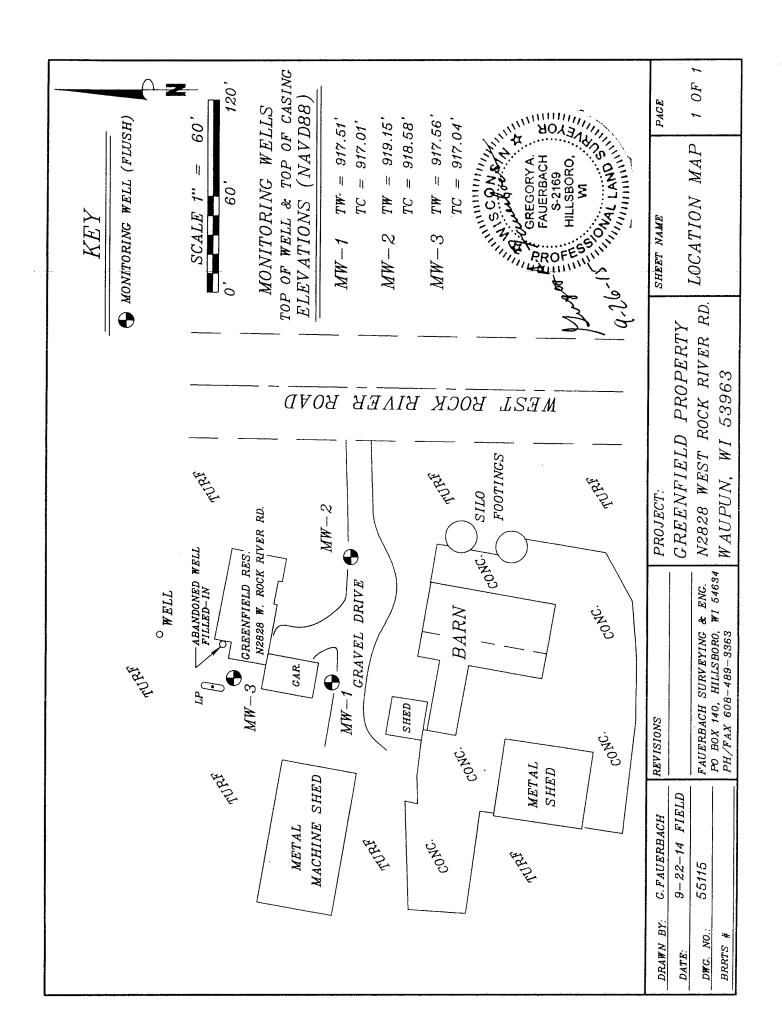
Walton, W.C., 1989, Groundwater Pumping Tests, Chelsea, Michigan.

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

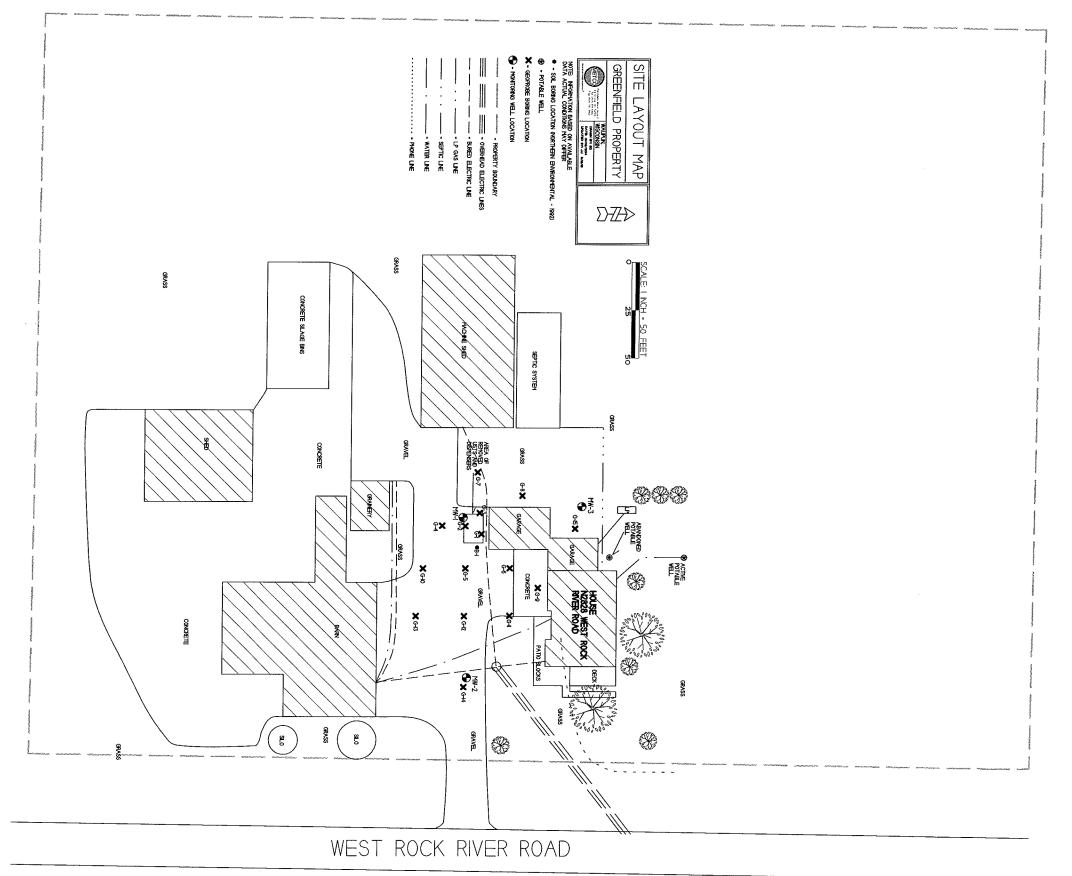
Other information and data was collected from Glendon Greenfield, Diggers Hotline, Geiss Soil and Samples, LLC., Ground Source Inc., Fauerbach Surveying & Engineering, Synergy Environmental Lab, Wisconsin Department of Natural Resources, and local people.

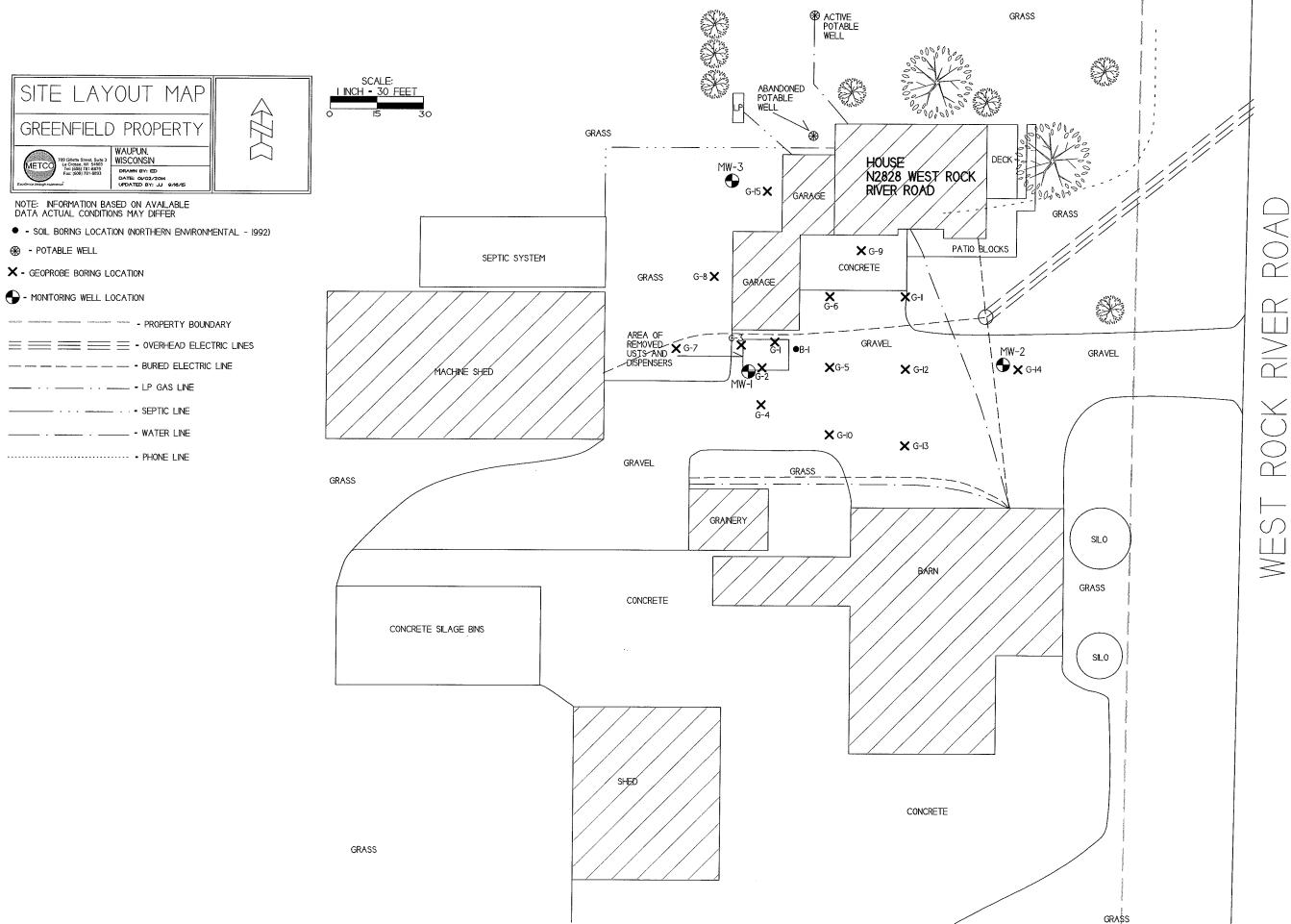
6.0 FIGURES

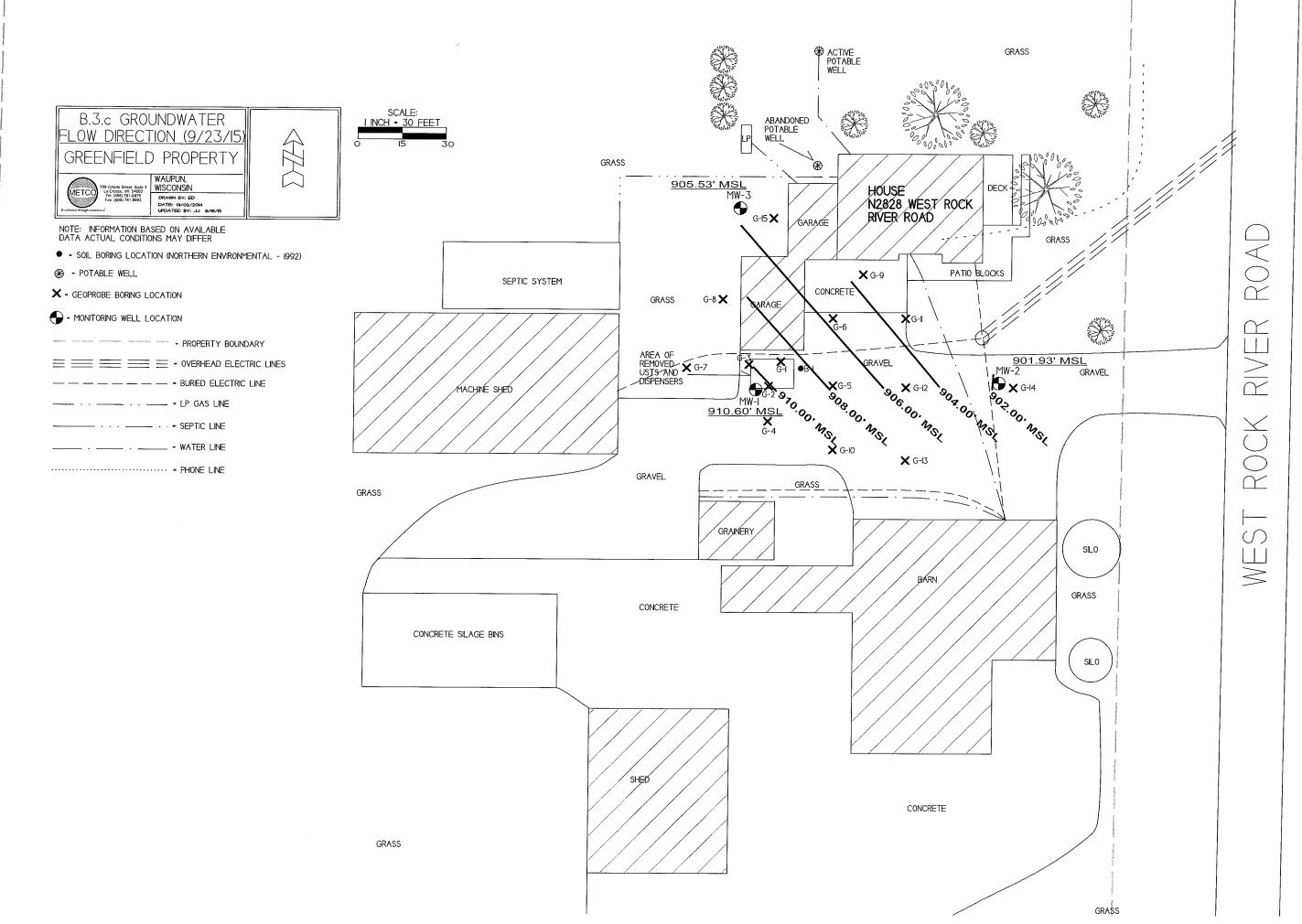


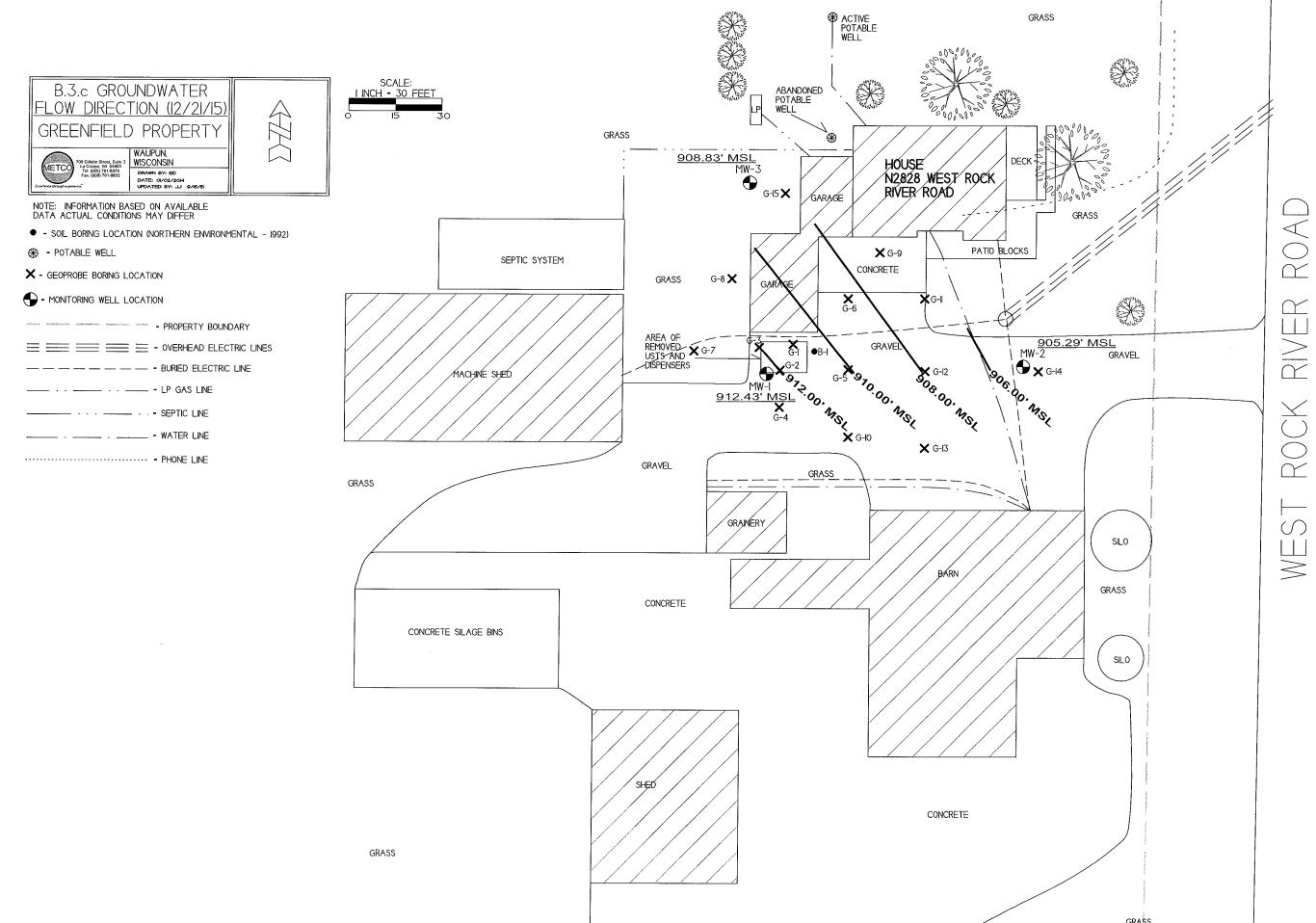


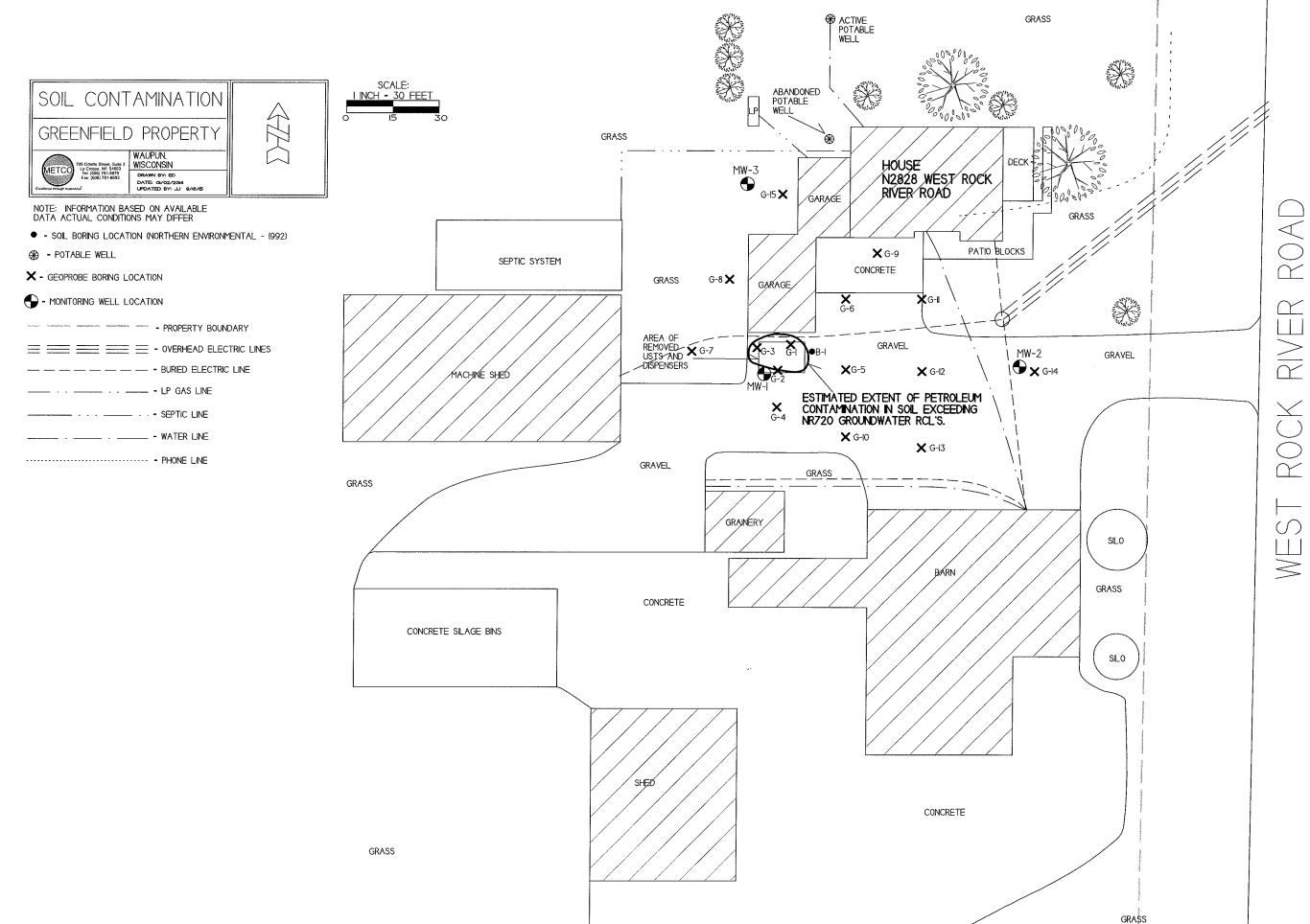
				GREGORY A. HILLSBORO, W. M.	PAGE	SET 1 OF 1
TOP OF PVC CASING ELEVATION (NAVD88)	917.01"	918.58'	917.04'	PROFESSION	SHEET NAME	$_{D.}$ DATA SHEET
TOP 01 ELJ (N.)						OPERTY K RIVER R
TOP OF WELL ELEVATION (NAVD88)	917.51'	919.15'	917.56'		PROJECT:	GREENFIELD PROPERTY N2828 WEST ROCK RIVER RD.
FOND DU LAC CO. COORD. SYSTEM NADB3(2011) TH EAST	723360.96	723440.07	723363.78		4	34
FOND DU LAC CO. COORD. SYSTEM NADB3(2011) NORTH EAST	337475.96	337464.07	337538.31		REVISIONS	FAUERBACH SURVEYING & ENG.
WELL	MW-1	MW-2	MW-3		5	9-22-15 FIELD 55115
					DRAWN BY:	DATE: DWG. NO.:

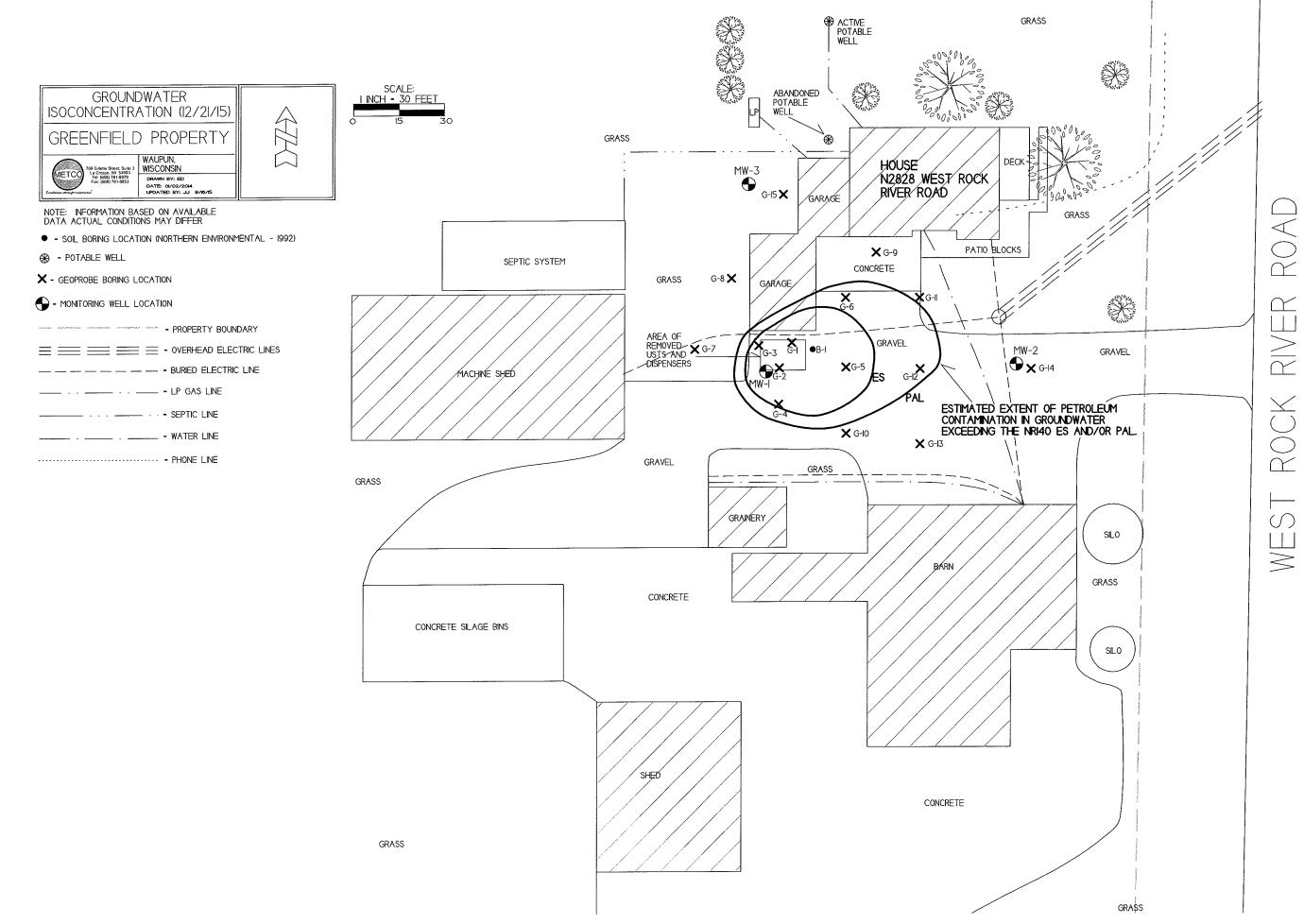


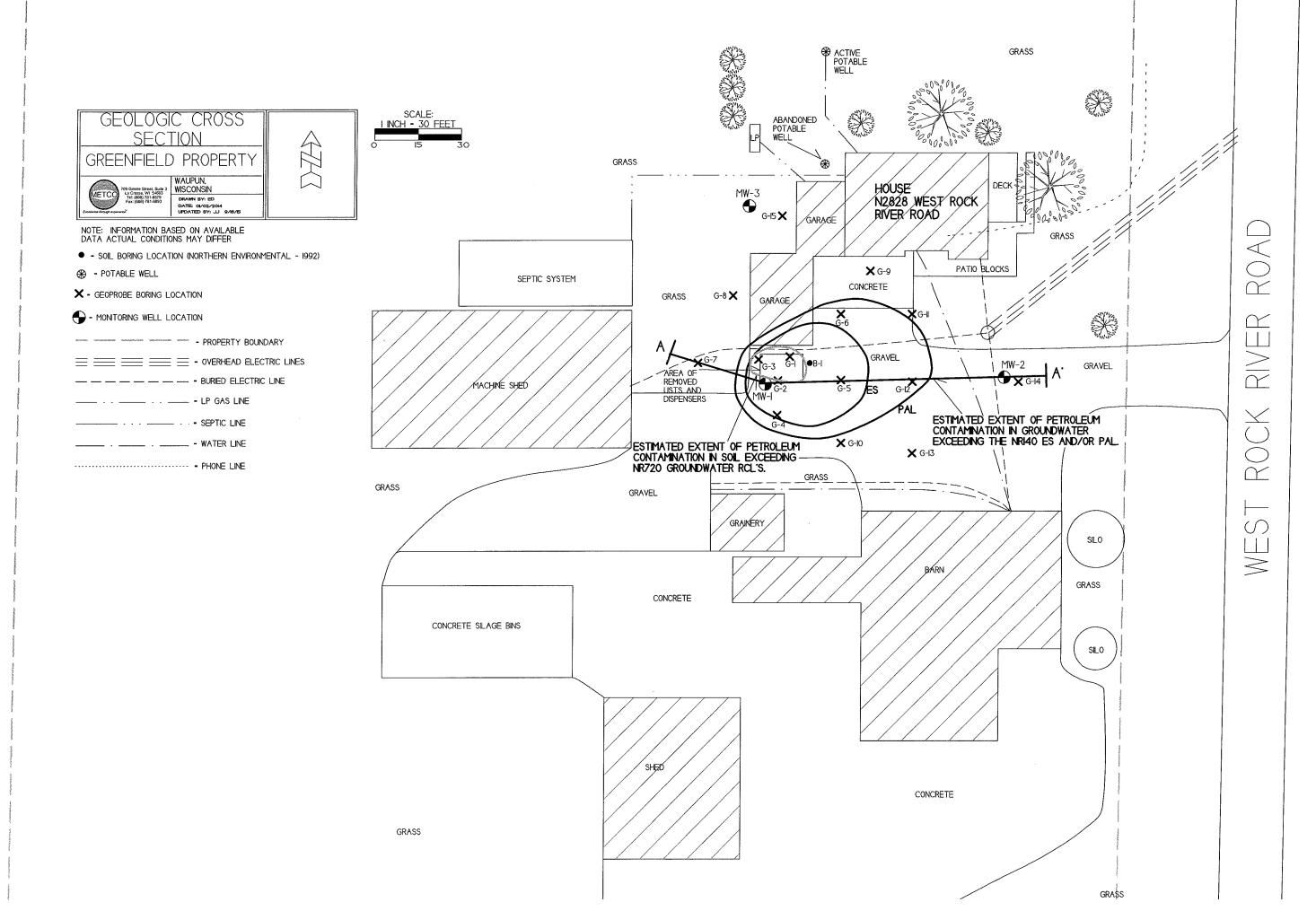


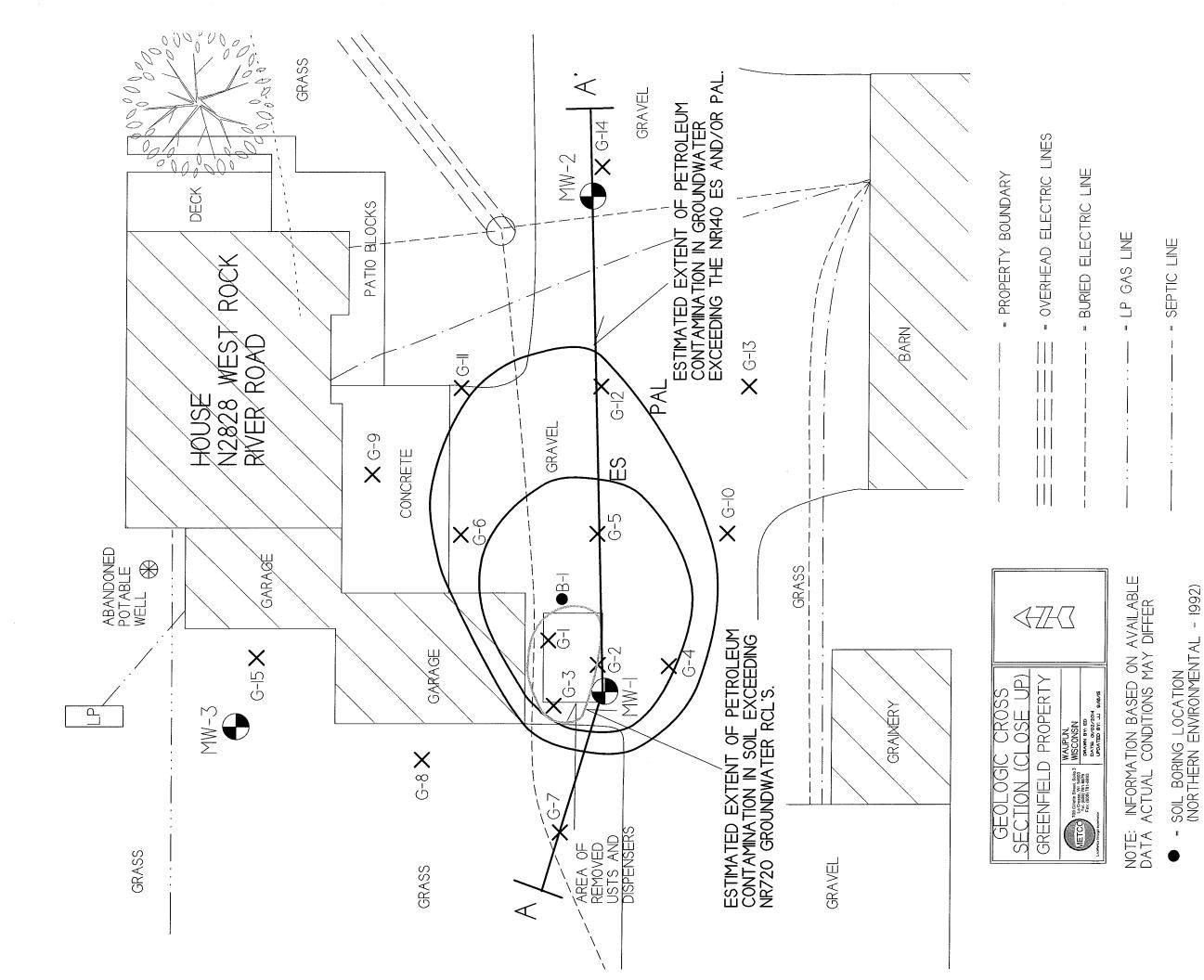












WATER LINE

PHONE

GEOPROBE BORING LOCATION

X

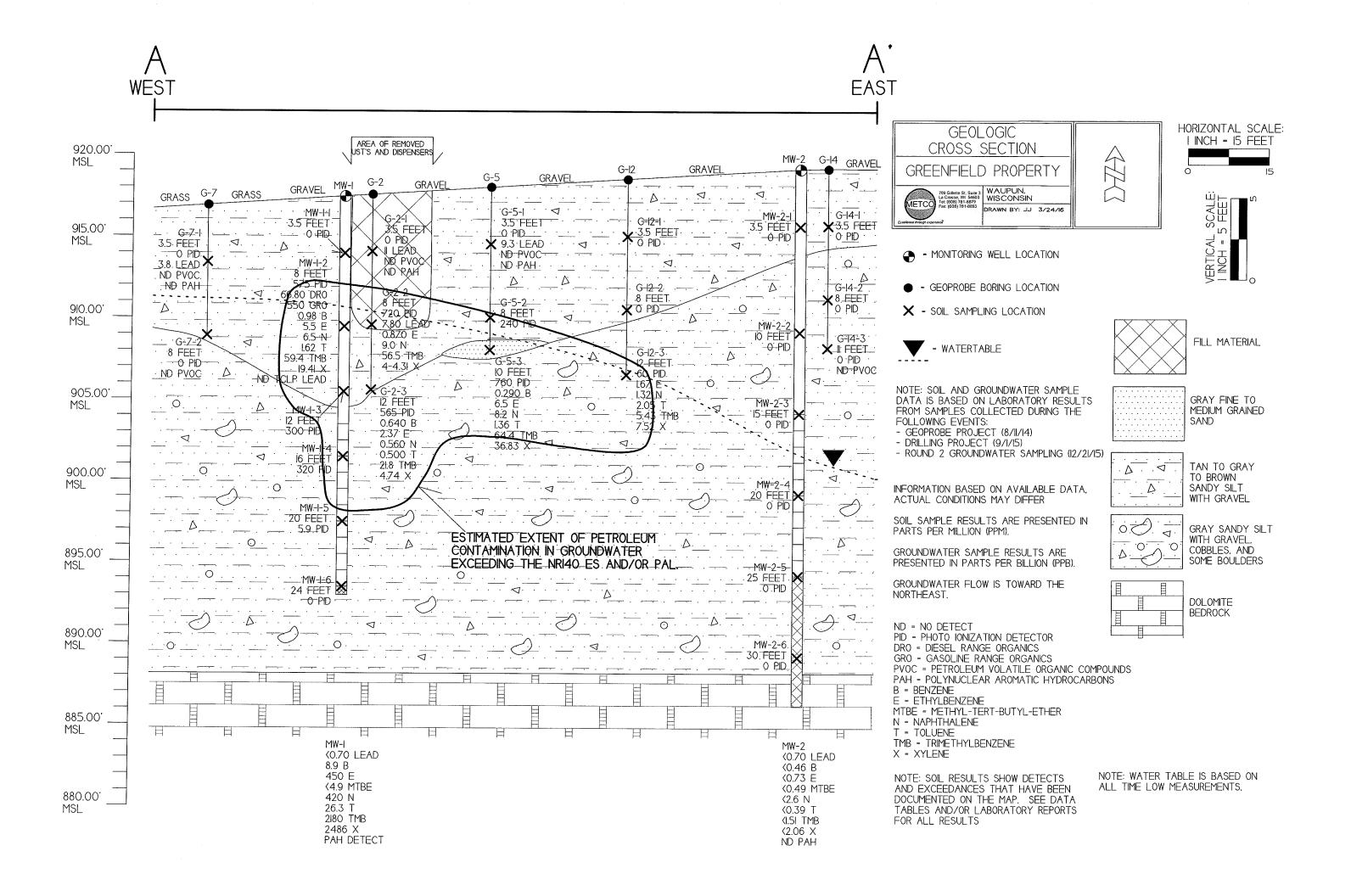
= POTABLE WELL

 \oplus

- MONITORING WELL LOCATION

+

SCALE: | NCH = 15 FEET



7.0 DATA TABLES, GRAPHS, AND STATISTICAL ANALYSIS

A.1 Groundwater Analytical Table Greenfield Property - WI DOT BRRTS# 03-20-001801

Well MW-1

PVC Elevation ≈

917.01

(feet)

(MSL)

6.41 4.58	<0.7	<22	580	<55	630	<22	3150	(ppb)
450					***	-24	3130	3300-3345
4.50	<0.7	8.9	450	<4.9	420	26.3	2180	2486
S = Bold	15	5	700	60	100	800	480	2000
AL = Italics	1.5	0.5	140	12	10	160	96	400
	AL = Italics		AL = Italics 1.5 0.5	AL = Italics 1.5 0.5 140	AL = Italics 1.5 0.5 140 12	AL = Italics 1.5 0.5 140 12 10	AL = Italics 1.5 0.5 140 12 10 160	AL = Italics 1.5 0.5 140 12 10 160 96

(ppb) = parts per billion

ns = not sampled nm = not measured Note: Elevations are presented in feet mean sea level (msl).

Well MW-2

PVC Elevation =

918.58

(feet)

(MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph- thalene (ppb)	Toluene (ppb)	Trimethyl- benzenes (ppb)	Xylene (Total) (ppb)
09/23/15 12/21/15	901.93 905.29	16.65 13.29	<0.7 <0.7	<0.44 <0.46	<0.71 <0.73	<1.1 <0.49	<1.6 <2.6	<0.44 <0.39	<3.1 <1.51	<3.1 <2.06
ENFORCE MENT STANDARD ES = Bold PREVENTIVE ACTION LIMIT PAL = Italics			15 1.5	5 0.5	700 140	60 12	100 10	800 160	480 96	2000 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-3

PVC Elevation =

917.04

(feet)

(MSL)

	Water	Depth to water			Ethyl		Naph-		Trimethyl-	Xylene
i	Elevation	from top of PVC	Lead	Benzene	Benzene	MT8E	thalene	Toluene	benzenes	(Total)
Date	(în feet msl)	(in feet)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
09/23/15			<0.7	2.33	0.81	<1.1	<1.6	1.33	<3.1	<3.1
12/21/15 908.83 8.21		<0.7	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06	
ENFORCE MENT STANDARD ES = Bold		15	5	700	60	100	800	480	2000	
PREVENTIVE A	REVENTIVE ACTION LIMIT PAL = Italics			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).

Private Well N2828 West Rock River Road

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph- thalene (ppb)	Toluene (ppb)	Trimethyl- benzenes (ppb)	Xylene (Total) (ppb)
08/11/14	NM	NM	NS	< 0.24	<0.27	<0.26	<0.49	<0.24	<0.57	<0.94
09/23/15	NM "	NM	NS	<0.44	<0.71	<1.1	<1.6	< 0.44	<3.1	<3.1
12/21/15	NM	NM	<0.7	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
	NT STANDARD		15	5	700	60	100	800	480	2000
PREVENTIVE.	VENTIVE ACTION LIMIT PAL = Italics			0.5	140	12	10	160	96	400

(ppb) = parts per billion

(ppm) = parts per million nm = not measured

ns = not sampled Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table (PAH) Greenfield Property – Wi DOT BRRTS# 03-20-001801

Well MW-1

Pyrene (ppb) <1.8 threne Naph-thalene (ppb) 350 2-Methyl-naphthalene (ppb) 1-Methyl-naphthalene (ppb) Indeno(1,2,3-cd) pyrene (ppb) <1.8 Fluorene (ppb) <1,7 (ppb) <1.8 anthracene (ppb) <2.5 Chrysene Benzo(k) fluoranthene pyrene Benzo(a)
Anthracene anthracene (ddq) ENFORCE MENT STANDARD = ES = Bold 3000

PREVENTIVE ACTION LIMIT = PAL - Helics 600

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled nm = not measured

Note: Elevations are presented in feet mean sea level (msl). Acenaph-thylene (ppb) <2.1 Ace-naphthene (ppb) Date 09/23/15

Well MW-2

Pyrene	(qda)	<0.018		750	4.3D	20		
Phenan- threne	(qdd)	<0.017						
. 0	(qdd)	<0.018		100	3	10		
2-Methyl- naphthalene	(gdd)	<0.017				,		
-b deu	(add)	<0.018						
Indeno(1,2,3-cd) pyrene	(add)	<0.018						
正	200	<0.017		400	v c	26		
Fluoran- thene	(ndd)	<0.018		400	ď	20		
Dibenzo(a,h) anthracene	2004	<0.025						
Chrysene (nnh)		/10.0×	,	7.0	600	20.0		
Benzo(k) fluoranthene (nob)	0.00	50.018		-				
Benzo(g,h,l) Perylene (nob)	1000	+70.024		-				
Benzo(b) fluoranthene (ppb)	0100	0.00	ŝ	3.	0.02			
) Benzo(a) le pyrene (pob)	010	2	١	֓֟֝֟֜֜֜֜֜֜֓֓֓֓֓֓֜֜֜֜֓֓֓֓֓֓֓֡֓֜֜֡֓֓֓֓֡֓֜֡֓֓֡֓֡	0.02			
Senzo(a) Anthracene anthracene (ppb)	S) 010	200						
Anthracene (ppb)	<0.02		3000		009	ar million	red	a level (msl).
Acenaph- thylene (ppb)	<0.021		= ES - Bold		11 = FAL - Italics	(ppm) = parts per million	nm ≂ not measured	Note: Elevations are presented in feet mean sea level (msl).
Ace- naphthene (ppb)	<0.02		ORCE MENT STANDARD = ES - Bold	T. 14 C. T. C.		er billion	pek	s are presented
Date	09/23/15		ENFORCE ME	DOCYCHITICAL	FINEVENIVE	(ppb) = parts per billion	ns = not sampled	Note: Elevation

Well MW-3

Pyrene	(odd)	20.018		Š	007	20		
Phenan- threne	(add)	/0.0/		l		•		
Naph- thalene	(ppo)	1		ķ	200	10		
2-Methyl- naphthatene	0.001	7.07				-		
1-Methyl- naphthalene	A 1000							
Indeno(1,2,3-cd) pyrene (nob)	<0.018	200				,		
Fluorene (pob)	<0.017			400	,	άÇ		
Fluoran- thene (pob)	<0.018			400	6	an		
Oib Fig.	<0.025				ľ			
Chrysene (ppb)	<0.017		ŀ	0.2	000	2002		
Benzo(k) fluoranthene Chrysene (ppb)	<0.018			,				
3e	<0.024				,			
Benzo(b) fluoranthene (ppb)	<0.019		ķ	7.0	0.02			
o 1	<0.019		Ę	7.7	0.02			
æ e	<0.019	_						
Anthracene (ppb)	<0.02		3000		009	er million	red	a level (mst).
<u> </u>	<0.021		= ES - Bold		= PAL - Halics	(ppm) = parts per million	nm = not measured	Note: Elevations are presented in feet mean sea level (msl).
Ace. naphthene (ppb)	<0.02		NTSTANDARD = ES - Bold	ķ	IIVE ACTION LIMIT =	lion	iled	s are presented
Date	09/23/15		ENFORCE MENT	k	FREVEN IVE	(ppb) = parts per bi	ns = not sampled	Note: Elevation.

Well Sampling Conducted on:

08/11/14

	00,71,77		
VOC's (Method 524.2)		ENFORCE MENT STANDARD = ES - Bold	PREVENTIVE ACTION LIMI PAL - Italics
	N2828 WEST		
Well Name	ROCK RIVER ROAD		
wen wante	ROAD		
Benzene/ppb	< 0.24	5	0.5
Bromobenzene/ppb	< 0.33	==	==
Bromodichloromethane/ppb	< 0.27	0.6	0.06
Bromoform/ppb	< 0.34	4.4	0.44
Bromomethane/ppb	< 0.98	10	1
Carbon Tetrachloride/ppb	< 0.25	5	0.5
Chforobenzene/ppb	< 0.24	==	
Chloroethane/ppb	< 0.62	400	80
Chloroform/ppb	< 0.28	6	0.6
Chloromethane/ppb	< 0.81	30	3
2-Chlarotoluene/ppb	< 0.35	==	==
4-Chlorotoluene/ppb	< 0.29	==	==
Dibromochloromethane/ppb	< 0.2	60	6
Dibromomethane/ppb	< 0.41	===	==
1,4-Dichlorobenzene/ppb	< 0.25	75	15
1,3-Dichlorobenzene/ppb	< 0.3	600	120
1,2-Dichlorobenzene/ppb	< 0.28	600	60
Dichlorodifluoromethane/ppb	< 0.27	1000	
1,2-Dichloroethane/ppb	< 0.41	5	200
1,1-Dichloroethane/ppb	< 0.3	850	0.5
1,1-Dichloroethene/ppb	< 0.31	7	85
	< 0.32		0.7
cis-1,2-Dichloroethene/ppb	< 0.25	70	
trans-1,2-Dichloroethene/ppb	< 0.23	100	20
1,2-Dichloropropane/ppb		5	0.5
2,2-Dichloropropane/ppb	< 0.45	==	==
1,3-Dichloropropane/ppb	< 0.26	== ==	==
rans-1,3-Dichtoropropene/ppb	< 0.22	0.4	0.04
is-1,3-Dichloropropene/ppb	< 0.2	0.4	0.04
I,1-Dichloropropene/ppb	< 0.34		==
Ethylbenzene/ppb	< 0.27	700	140
lexachlorobutadiene/ppb	< 0.48	≂ ⊏	==
sopropylbenzene/ppb	< 0.3	==	==
-Isopropyltoluene/ppb	< 0.3	==	==
lethylene chloride/ppb 🥣	< 0.35	5	0.5
Nethyl tert-butyl ether (MTBE)/ppb	< 0.26	60	12
laphthalene/ppb	< 0.49	100	10
ityrene/ppb	< 0.23	100	10
,1,2,2-Tetrachioroethane/ppb	< 0.45	0.2	0.02
,1,1,2-Tetrachloroethane/ppb	< 0.29	70	7
etrachloroethene (PCE)/ppb	< 0.27	5	0.5
oluene/ppb	< 0.24	800	160
,2,4-Trichlorobenzene/ppb	< 0.24	70	14
,1,1-Trichloroethane/ppb	< 0.33	200	40
1-1			
• •	< 0.34	5	0.5
,1,2-Trichloroethane/ppb	< 0.34 < 0.3	5 5	
,1,2-Trichloroethane/ppb richloroethene (TCE)/ppb richloroftuoromethane/ppb			0.5 0.5 ==

NS = not sampled, NM = Not Measured

Trichlorotrifluoroethane/ppb

1,2,4-Trimethylbenzene/ppb

1,3,5-Trimethylbenzene/ppb

< 0.41

< 0.31 < 0.26

< 0.18

< 0.69

< 0.25

Vinyl Chloride/ppb

m&p-Xylene/ppb o-Xylene/ppb

(ppb) = parts per billion

==

480

0.2

2000

==

400

Q = Analyte detected above laboratory method detection limit but below practical quantitation limit.

^{= =} No Exceedences

A.1 Groundwater Analytical Table Greenfield Property – WI DOT BRRTS# 03-20-001801

Well Sampling Conducted on:	09/23/15	09/23/15	09/23/15	09/23/15	12/21/15		
VOC's						ENFORCE MENT STANDARD =	PREVENTIVE ACTION LIMIT =
Well Name	MW-1	MW-2	MW-3	PRIVATE WELL N2828	PRIVATE WELL N2828	ES – Bold	PAL - Italics
Lead, dissolved/ppb	< 0.7	< 0.7	< 0.7	NS	< 0.7	15	4.5
			0.7	110		19	1.5
Benzene/ppb	< 22	< 0.44	2.33	< 0.44	< 0.44	5	0.5
Bromobenzene/ppb	< 24	< 0.48	< 0.48	< 0.48	< 0.48	==	==
Bromodichloromethane/ppb	< 23	< 0.46	< 0.46	< 0.46	< 0.46	0.6	0.06
Bramoform/ppb	< 23	< 0.46	< 0.46	< 0.46	< 0.46	4.4	0.44
tert-Butylbenzene/ppb	< 55 < 60	< 1.1 < 1.2	< 1.1 < 1.2	< 1.1	< 1,1	==	EE
sec-Butylbenzene/ppb n-Butylbenzene/ppb	98 "J"	< 1	< 1	< 1.2 < 1	< 1.2 < 1	=	==
Carbon Tetrachloride/ppb	< 25.5	< 0.51	< 0.51	< 0.51	< 0.51	==	0.5
Chlorobenzene/ppb	< 23	< 0.46	< 0.46	< 0.46	< 0.46	5 ==	0.5 ==
Chloroethane/ppb	< 32.5	< 0.65	< 0.65	< 0.65	< 0.65	400	80
Chloroform/ppb	< 21.5	< 0.43	< 0.43	< 0.43	< 0.43	6	0.6
Chloromethane/ppb	< 95	< 1.9	< 1.9	< 1.9	< 1.9	30	3
2-Chlorotoluene/ppb	< 20	< 0.4	< 0.4	< 0.4	< 0,4	==	==
4-Chlorotoluene/ppb	< 31.5	< 0.63	< 0.63	< 0.63	< 0.63	==	==
1,2-Dibromo-3-chloropropane/ppb	< 70	< 1.4	< 1.4	< 1.4	< 1,4	0.2	0.02
Dibromochloromethane/ppb	< 22.5	< 0.45	< 0.45	< 0.45	< 0.45	60	6
1,4-Dichlorobenzene/ppb	< 24.5	< 0.49	< 0.49	< 0.49	< 0.49	75	15
1,3-Dichlorobenzene/ppb	< 26	< 0.52	< 0.52	< 0.52	< 0.52	600	120
1,2-Dichlorobenzene/ppb	< 23	< 0.46	< 0.46	< 0.46	< 0.46	600	60
Dichlorodifluoromethane/ppb	< 43.5	< 0.87	< 0.87	< 0.87	< 0.87	1000	200
1,2-Dichloroethane/ppb	< 24	1.12 "J"	< 0.48	< 0.48	< 0.48	5	0.5
1,1-Dichloroethane/ppb	< 55	< 1.1	< 1.1	< 1.1	< 1, J	850	85
1,1-Dichloroethene/ppb	< 32.5	< 0.65	< 0.65	< 0.65	< 0.65	7	0.7
cis-1,2-Dichloroethene/ppb	< 22.5	< 0.45	< 0.45	< 0.45	< 0.45	70	7
trans-1,2-Dichloroethene/ppb	< 27	< 0.54	< 0.54	< 0.54	< 0.54	100	20
1,2-Dichloropropane/ppb	< 21.5	< 0.43	< 0.43	< 0.43	< 0.43	. 5	0.5
2,2-Dichloropropane/ppb	< 155 < 21	< 3.1 < 0.42	< 3.1 < 0.42	< 3.1	< 3.1	==	==
1,3-Dichloropropane/ppb Di-isopropyl ether/ppb	< 22	< 0.42	< 0.44	< 0.42 < 0.44	< 0.42 < 0.44	==	==
EDB (1,2-Dibromoethane)/ppb	< 31.5	< 0.63	< 0.63	< 0.63	< 0.44		==
Ethylbenzene/ppb	580	< 0.71	0.81 "J"	< 0.71	< 0.03	0.05 700	0.005
Hexachlorobutadiene/ppb	< 110	< 2.2	< 2.2	< 2.2	< 2.2	==	
Isopropylbenzene/ppb	87 "J"	< 0.82	< 0.82	< 0.82	< 0.82	==	==
p-Isopropyltoluene/ppb	< 55	< 1.1	< 1.1	< 1.1	< 1.1	==	==
Methylene chloride/ppb	< 65	< 1.3	< 1.3	< 1.3	< 1.3	5	0.5
Methyl tert-butyl ether (MTSE)/ppb	< 55	< 1.1	< [.]	< 1,1	< 1.1	60	12
Naphthalene/ppb	630	< 1.6	< 1.6	< 1.6	< 1.6	100	10
n-Propylbenzene/ppb	312	< 0.77	< 0.77	< 0.77	< 0.77	==	==
1,1,2,2-Tetrachloroethane/ppb	< 26	< 0.52	< 0.52	< 0.52	< 0.52	0.2	0.02
1,1,1,2-Tetrachloroethane/ppb	< 24	< 0.48	< 0.48	< 0.48	< 0.48	70	7
Tetrachforoethene (PCE)/ppb	< 24.5	< 0.49	< 0.49	< 0.49	< 0.49	5	0.5
Toluene/ppb	< 22	< 0.44	1.33 "J"	< 0.44	< 0.44	800	160
1,2,4-Trichlorobenzene/ppb	< 85	< 1.7	< 1.7	< 1.7	< 1.7	70	14
1,2,3-Trichlorobenzene/ppb	< 135	< 2.7	< 2.7	< 2.7	< 2.7	==	==
1,1,1-Trichloroethane/ppb	< 42	< 0.84	< 0.84	< 0.84	< 0.84	200	40
1,1,2-Trichloroethane/ppb	< 24 < 23.5	< 0.48 < 0.47	< 0.48	< 0.48	< 0.48	5	0.5
Trichloroethene (TCE)/ppb Trichlorofluoromethane/ppb	< 43.5		< 0.47	< 0.47	< 0.47	5	0.5
1,2,4-Trimethylbenzene/ppb	2540	< 0.87 < 1.6	< 0.87 < 1.6	< 0.87 < 1.6	< 0.87 < 1.6	==	==
1,3,5-Trimethylbenzene/ppb	610	< 1.5	< 1.5	< 1.5	< 1.5	Total TMB's 480	Total TMDI- 00
Vinyl Chloride/ppb	< 8.5	< 0.17	< 0.17	< 0.17	< 0.17	0.2	Total TMB's 96 0.02
m&p-Xylene/ppb	3300	< 2.2	< 2.2	< 2.2	< 2.2	V.2	0.02
o-Xylene/ppb	< 45	< 0.9	< 0.9	< 0.9	< 0.9	Total Xylenes 2000	Total Xylenes 400
•					>		rotal reported 400

NS = not sampled, NM = Not Measured

(ppb) = parts per billion

Q = Analyte detected above laboratory method detection limit but below practical quantitation limit.
= = No Exceedences

⁽ppm) = parts per million
"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

A.7 Other Groundwater NA Indicator Results Greenfield Property – WI DOT BRRTS# 03-20-001801

Well MW-1

	Dissolved					Nitrate +	Total	Dissolved	Man-
Date	Oxygen	ρН	ORP	Temp	Specific	Nitrite	Sulfate	Iron	ganese
L	(ppm)			(C)	Conductance	(ppm)	(ppm)	(ppm)	(ppb)
09/23/15	3.21	7.22	156	17.3	651	0.146	7.22	0.62	105
12/21/15	2.27	7.22	82	11.4	1012	NS	NS	NS	NS
ENFORCE MEI	NT \$TANDARD:	= ES Bold				10	-	-	300
PREVENTIVE A	ACTION LIMIT =	PAL - Italics	2	-] -	60			

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

nm = not measured

ORP = Oxidation Reduction Potential

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

Well MW-2

Date	Dissolved Oxygen	pН	ORP	Temp	Specific	Nitrate + Nitrite	Total Sulfate	Dissolved Iron	Man- ganese
	(ppm)			·(C)	Conductance	(ppm)	(ppm)	(ppm)	(ppb)
09/23/15	5.50	7.5	203	13.5	632	2.15	83.7	0.11	181
12/21/15	5.87	6.67	281	10.4	810	NS	NS	NS	NS
ENFORCE ME	NT STANDARD	≖ E\$ – Bold				10	-	-	300
PREVENTIVE	ACTION LIMIT =	PAL - Italic:	S			2	-		60

(ppb) = parts per billion

(ppm) = parts per million

ns = not sampled

nm = not measured

ORP = Oxidation Reduction Potential

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

Well MW-3

	Dissolved					Nitrate +	Total	Dissolved	Man-
Date	Oxygen	ρН	ORP	Temp	Specific	Nitrite	Sulfate	Iron	ganese
	(ppm)			(C)	Conductance	(ppm)	(ppm)	(ppm)	(ppb)
09/23/15	5.00	7.33	189	17.5	605	4.55	40.5	0.03	107
12/21/15	3.94	7.06	199	10.9	611	NS	NS	NS	NS
ENEODOE ME	IT CTANDARD	- FC - D-14				40			0.5.5
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italics						2	-		60

(ppb) = parts per billion

(ppm) = parts per million

ns = not sampled nm = not measured

ORP = Oxidation Reduction Potential

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

A.6 Water Level Elevations Greenfield Property – WI DOT BRRTS# 03-20-001801 Waupun, Wisconsin

	MW-1	MW2	MW-3			
Ground Surface (feet msl)	917.51	919.15	917.56			
PVC top (feet msl)	917.01	918.58	917.04			
Well Depth (feet)	24.00	25.00	25.00			
Top of screen (feet msl)	903.51	904.15	902.56			
Bottom of screen (feet msl)	893.51	894.15	892.56			
Depth to Water From Top of PVC	(feet)					
09/23/15	6.41	16.65	11.51			
12/21/15	4.58	13.29	8.21			
Depth to Water From Ground Surface (feet)						
09/23/15	6.91	17.22	12.03			
12/21/15	5.08	13.86	8.73			
Groundwater Elevation (feet msl)						
09/23/15	910.60	901.93	905.53			
12/21/15	912.43	905.29	908.83			

CNL = Could Not Locate

A = Abandoned and removed during soil excavation project

NI = Not Installed

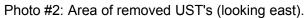
Site Investigation Report - METCO Greenfield Property – WI DOT

8.0 PHOTOS

Photos

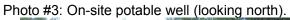
Photo #1: Garage and area of removed UST's (looking west).







METCO Environmental Consulting, Fuel System Design, Installation and Service





Site Investigation Report - METCO Greenfield Property

APPENDIX A/ METHODS OF INVESTIGATION

Site Investigation Report - METCO Greenfield Property - WI DOT

Geoprobe Project

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

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

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

Geoprobe Soil Sampling

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

Drilling Project

Soil borings were conducted by Ground Source Inc. of De Pere, Wisconsin, under the supervision of METCO personnel. Using a truck-mounted auger drill rig, all borings were completed in accordance with ASTM D-1452, "Soil Investigation and Sampling by Auger Boring," using 6.25-inch, inside-diameter (ID) augers. Soil sampling was conducted in accordance with ASTM D-1586 "Penetration Tests and Split-Barrel Sampling of Soils" using a 2-inch, outside-diameter (OD) 2.5-foot split spoon sampler. Using this procedure, a split spoon sampler is driven into the soil by a 140 pound weight falling 30 inches. Air rotary methods were used to drill through bedrock using a 6-inch tri-cone bit.

Field observations such as soil characteristics, petroleum odors, and petroleum staining were continuously noted throughout the drilling process.

The purpose of the Drilling Project and subsequent well installation/sampling was to investigate subsurface conditions and characteristics, verify the extent of petroleum contamination in local soil and groundwater, and collect aquifer data.

Site Investigation Report - METCO Greenfield Property – WI DOT

Field Screening

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

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

Monitoring Well Installation, Development, and Sampling

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

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

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

Each well was alternately surged and purged by METCO personnel with a bottom loading, disposable, polyethylene bailer for 15-20 minutes to remove fines from the well screen. Approximately 15-70 gallons of groundwater was then removed with a small electrical submersible pump. Well Development Forms are presented in Appendix C.

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

Site Investigation Report - METCO Greenfield Property - WI DOT

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

Sample Preparation

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

Field Sampling and Transportation Quality Control

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

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

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

Laboratory Quality Control

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

Investigative Wastes

On October 30, 2015, DKS Transport Services, LLC, of Menomonie, Wisconsin picked-up and disposed of two drums of soil cuttings and one drum of water to the Advanced Disposal Seven Mile Creek Landfill in Eau Claire, Wisconsin.

Site Investigation Report - METCO Greenfield Property

APPENDIX B/ ANALYTICAL METHODS & LABORATORY DATA REPORTS

Synergy Environmental Lab,

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

GLENDON GREENFIELD GLENDON GREENFIELD N2828 W. ROCK RIVER ROAD **WAUPUN**, WI 53963

Report Date 18-Sep-14

Project Name GREENFIELD PROPERTY

Invoice # E27507

Project #

Lab Code 5027507A Sample ID METH BLANK

Sample Matrix Soil Sample Date 8/11/2014

Result Unit LOD LOQ Dil Method Ext Date Run Date Analyst Code Organic PVOC + Naphthalene Benzene < 25 ug/kg 7.9 GRO95/8021 25 1 8/20/2014 CJR Ethylbenzene < 25 7.7 ug/kg 25 Ī GRO95/8021 8/20/2014 CJR Methyl tert-butyl ether (MTBE) < 25 ug/kg 8.1 26 GRO95/8021 t 8/20/2014 CJR

Naphthalene < 25 ug/kg 22 70 GRO95/8021 8/20/2014 CJR Toluene < 25 ug/kg 8.4 27 GRO95/8021 1 8/20/2014 CJR 1,2,4-Trimethylbenzene < 25 ug/kg 10 33 1 GRO95/8021 8/20/2014 CJR 1,3,5-Trimethylbenzene < 25 ug/kg 9.3 GRO95/8021 30 1 8/20/2014 CJR m&p-Xylene < 50 ug/kg 50 16 l GRO95/8021 8/20/2014 CJR o-Xylene < 25 32 GRO95/8021 ug/kg 8/20/2014 CJR

Lab Code 5027507B Sample ID G-1-1 Sample Matrix Soil Sample Date 8/11/2014

General General Solids Percent 95.4 % 1 5021 8/15/2014 RKM 1 Inorganic Metals Lead, Total 28 mg/kg 0.19 0.5 1 6010B 8/22/2014 ESC 1 Organic PAH SIM Acenaphthene < 21.1 ug/kg 21.1 67 1 M8270D 8/21/2014 8/26/2014 MDK 1 Acenaphthylene < 19.5 ug/kg 19.5 61.9 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(a)amthracene < 18.5 ug/kg 18.8 59.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(a)pyrene < 19 ug/kg 18.4 58.4 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(a)phrone < 18 ug/kg 18 57.3 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(b)fluoranthene < 18 ug/kg 18 57.3 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(b)fluoranthene < 18 ug/kg 18 57.3 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(b)fluoranthene < 23 ug/kg 23 73.2 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(b)fluoranthene < 20.6 ug/kg 20.6 65.6 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(b)fluoranthene < 20.6 ug/kg 20.6 65.6 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(b)fluoranthene < 20.6 ug/kg 20.6 65.6 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(a)h)nhtracene < 18.1 ug/kg 18.5 58.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(a)h)nhtracene < 18.1 ug/kg 18.5 58.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(a)h)nhtracene < 20.4 ug/kg 22.4 71.3 1 M8270D 8/21/2014 8/26/2014 MDK 1 Dibenzo(a)h)nhtracene < 20.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene < 20.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 I-Methyl naphthalene < 20.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 I-Methyl naphthalene < 20.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 I-Methyl naphthalene < 20.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Phenanthrene < 21.1 ug/kg 21.1 67.1 1 M8270D 8/21/2014 8/26/2014 MDK 1 Phenanthrene < 24.7 ug/kg 21.1 67.1 1 M8270D 8/21/2014 8/26/2014 MDK 1 Phenanthrene < 24.7 ug/kg 24.7 78.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Phenanthrene < 24.0 ug/kg 20.4 64.9 1 M8270D 8/21/2014 8/26/2014 MDK 1	oumple Date	0/11/2017										
General General Solids Percent 95.4 %			Result	Unit	LOD	LOQ I	ìil	Method	Ext Date	Run Date	Analyst	Code
Solids Percent 95.4 % 1 5021 8/15/2014 RKM 1	General					•						
Inorganic Metals Lead, Total 28 mg/kg 0.19 0.5 1 6010B 8/22/2014 ESC 1	General											
Inorganic Metals Lead, Total 28 mg/kg 0.19 0.5 1 6010B 8/22/2014 ESC 1	Solids Percent		95.4	%			1	502.1		8/15/2014	RKM	1
Lead, Total 28 mg/kg 0.19 0.5 1 6010B 8/22/2014 ESC 1	Inorganic						•	0021		0/15/2014	KIZIVI	1
Organic PAH SIM Acenaphthene	U											
Organic PAH SIM Acenaphthene < 21.1 ug/kg 21.1 67 1 M8270D 8/21/2014 8/26/2014 MDK 1 Acenaphthylene < 19.5	Lead, Total		28	mg/kg	0.19	0.5	1	6010B		8/22/2014	FSC	1
PAH SIM Acenaphthene	Organic			0 0				*****		0/22/2011	LUC	1
Acenaphthylene	-											
Acenaphthylene			< 21.1	ug/ka	21.1	67	,	M8270D	9/21/2014	9/26/2014	MDV	,
Anthracene	•						1					
Benzo(a)anthracene < 18.4 ug/kg 18.4 58.4 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(a)pyrene < 19 ug/kg 19 60.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(b)fluoranthene < 18 ug/kg 18 57.3 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(g,h,i)perylene < 23 ug/kg 23 73.2 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(k)fluoranthene < 20.6 ug/kg 20.6 65.6 1 M8270D 8/21/2014 8/26/2014 MDK 1 Chrysene < 18.5 ug/kg 18.5 58.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Dibenzo(a,h)anthracene < 22.4 ug/kg 22.4 71.3 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene < 18.1 ug/kg 18.1 57.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluorene < 20 ug/kg 20 63.6 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluorene < 20 ug/kg 21.1 57.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Indeno(1,2,3-cd)pyrene < 24.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 1-Methyl naphthalene < 19.5 ug/kg 19.5 62.1 1 M8270D 8/21/2014 8/26/2014 MDK 1 2-Methyl naphthalene < 20.4 ug/kg 20.4 64.9 1 M8270D 8/21/2014 8/26/2014 MDK 1 Naphthalene < 21.1 ug/kg 21.1 67.1 1 M8270D 8/21/2014 8/26/2014 MDK 1 Phenanthrene < 24.7 ug/kg 24.7 78.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Phenanthrene < 24.7 ug/kg 24.7 78.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Pyrene < 20 ug/kg 20 63.7 1 M8270D 8/21/2014 8/26/2014 MDK 1							1					-
Benzo(a)pyrene < 19 ug/kg 19 60.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(b)fluoranthene < 18 ug/kg 18 57.3 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(g,h,i)perylene < 23 ug/kg 23 73.2 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(k)fluoranthene < 20.6 ug/kg 20.6 65.6 1 M8270D 8/21/2014 8/26/2014 MDK 1 Chrysene < 18.5 ug/kg 18.5 58.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Dibenzo(a,h)anthracene < 22.4 ug/kg 22.4 71.3 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene < 18.1 ug/kg 18.1 57.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluorene < 20 ug/kg 20 63.6 1 M8270D 8/21/2014 8/26/2014 MDK 1 Indeno(1,2,3-cd)pyrene < 24.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 1-Methyl naphthalene < 19.5 ug/kg 19.5 62.1 1 M8270D 8/21/2014 8/26/2014 MDK 1 2-Methyl naphthalene < 20.4 ug/kg 20.4 64.9 1 M8270D 8/21/2014 8/26/2014 MDK 1 Naphthalene < 21.1 ug/kg 21.1 67.1 1 M8270D 8/21/2014 8/26/2014 MDK 1 Phenanthrene < 24.7 ug/kg 24.7 78.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Phenanthrene < 24.7 ug/kg 24.7 78.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Pyrene < 20 ug/kg 20 63.7 1 M8270D 8/21/2014 8/26/2014 MDK 1	Benzo(a)anthracene	ne					1					-
Benzo(b)fluoranthene							1					
Benzo(g,h,i)perylene		ene										
Benzo(k)fluoranthene			< 23				_					_
Chrysene < 18.5 ug/kg 18.5 58.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Dibenzo(a,h)anthracene < 22.4 ug/kg 22.4 71.3 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene < 18.1 ug/kg 18.1 57.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluorene < 20 ug/kg 20 63.6 1 M8270D 8/21/2014 8/26/2014 MDK 1 Indeno(1,2,3-cd)pyrene < 24.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 1-Methyl naphthalene < 19.5 ug/kg 19.5 62.1 1 M8270D 8/21/2014 8/26/2014 MDK 1 2-Methyl naphthalene < 20.4 ug/kg 20.4 64.9 1 M8270D 8/21/2014 8/26/2014 MDK 1 2-Methyl naphthalene < 21.1 ug/kg 20.4 64.9 1 M8270D 8/21/2014 8/26/2014 MDK 1 Naphthalene < 21.1 ug/kg 21.1 67.1 1 M8270D 8/21/2014 8/26/2014 MDK 1 Phenanthrene < 24.7 ug/kg 24.7 78.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Phenanthrene < 20 ug/kg 20 63.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Pyrene < 20 ug/kg 20 63.7 1 M8270D 8/21/2014 8/26/2014 MDK 1	Benzo(k)fluoranthe	ene	< 20.6									1
Dibenzo(a,h)anthracene < 22.4 ug/kg 22.4 71.3 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene < 18.1	Chrysene		< 18.5				_					1
Fluoranthene <18.1 ug/kg 18.1 57.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluorene <20 ug/kg 20 63.6 1 M8270D 8/21/2014 8/26/2014 MDK 1 Indeno(1,2,3-cd)pyrene <24.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 1-Methyl naphthalene <19.5 ug/kg 19.5 62.1 1 M8270D 8/21/2014 8/26/2014 MDK 1 2-Methyl naphthalene <20.4 ug/kg 20.4 64.9 1 M8270D 8/21/2014 8/26/2014 MDK 1 Naphthalene <21.1 ug/kg 21.1 67.1 1 M8270D 8/21/2014 8/26/2014 MDK 1 Phenanthrene <24.7 ug/kg 24.7 78.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Pyrene <20 ug/kg 20 63.7 1 M8270D 8/21/2014 8/26/2014 MDK 1	Dibenzo(a,h)anthrae	acene	< 22.4				1					1
Fluorene	Fluoranthene		< 18.1				1					1
Indeno(1,2,3-cd)pyrene	Fluorene		< 20		20	63.6	1					1
1-Methyl naphthalene < 19.5	Indeno(1,2,3-cd)pyr	rene	< 24.4		24.4		Ī					-
2-Methyl naphthalene < 20.4			< 19.5		19.5		1					1
Naphthalene <21.1 ug/kg 21.1 67.1 1 M8270D 8/21/2014 8/26/2014 MDK 1 Phenanthrene <24.7	2-Methyl naphthale	ene	< 20.4		20.4	64.9	1					ì
Phenanthrene <24.7 ug/kg 24.7 78.5 l M8270D 8/21/2014 8/26/2014 MDK l Pyrene <20 ug/kg 20 63.7 l M8270D 8/21/2014 8/26/2014 MDK l	Naphthalene		< 21.1		21.1	67.1	1					1
Pyrene <20 ug/kg 20 63.7 l M8270D 8/21/2014 8/26/2014 MDK 1	Phenanthrene		< 24.7	ug/kg	24.7	78.5	1	M8270D				-
	Pyrene		< 20	ug/kg	20	63.7	1	M8270D	8/21/2014			
PVOC	PVOC			-								_
Benzene < 25 ug/kg 7.9 25 1 GRO95/8021 8/19/2014 CJR 1	Benzene		< 25	ug/kg	7.9	25	1	GRO95/8021		8/19/2014	CIR	1
Ethylbenzene <25 ug/kg 7.7 25 1 GRO95/8021 8/19/2014 CJR 1	Ethylbenzene		< 25		7.7	25	1	GRO95/8021				1
Methyl tert-butyl ether (MTBE) < 25 ug/kg 8.1 26 1 GRO95/8021 8/19/2014 CJR 1		ther (MTBE)	< 25		8.1	26	1	GRO95/8021				1
Toluene <25 ug/kg 8.4 27 l GRO95/8021 8/19/2014 CJR 1			< 25		8.4	27	1	GRO95/8021				1
1,2,4-Trimethylbenzene < 25 ug/kg 10 33 l GRO95/8021 8/19/2014 CJR l			< 25	ug/kg	10	33	1	GRO95/8021				Ī
1,3,5-Trimethylbenzene < 25 ug/kg 9.3 30 l GRO95/8021 8/19/2014 CJR l		nzene		ug/kg	9.3	30	1	GRO95/8021				1
m&p-Xylene < 50 ug/kg 16 50 1 GRO95/8021 8/19/2014 CJR 1					16	50	1	GRO95/8021				i
o-Xylene < 25 ug/kg 10 32 1 GRO95/8021 8/19/2014 CJR 1	o-Xylene		< 25	ug/kg	01	32	1	GRO95/8021		8/19/2014	CJR	1

Project #

Lab Code

5027507C

Sample ID G-1-3

Sample Date	8/11/2014	Result	Unit	LOD LOO
Sample Matrix				

	Result	Unit	LOD LO	OQ D	il	Method	Ext Date	Run Date	Analyst	Code
General									•	
General										,
Solids Percent	87.7	%			1	5021		8/15/2014	RKM	1
Organic										-
PVOC + Naphthale	ene									
Benzene	110	ug/kg	7.9	25	i	GRO95/8021		8/19/2014	CJR	1
Ethylbenzene	1130	ug/kg	7.7	25	1	GRO95/8021		8/19/2014	CJR	i
Methyl tert-butyl ether (N	MTBE) < 25	ug/kg	8.1	26	1	GRO95/8021		8/19/2014	CJR	1
Naphthalene	760	ug/kg	22	70	1	GRO95/8021		8/19/2014	CJR	2
Toluene	148	ug/kg	8.4	27	1	GRO95/8021		8/19/2014	CJR	i
1,2,4-Trimethylbenzene	580	ug/kg	10	33	1	GRO95/8021		8/19/2014	CJR	i
1,3,5-Trimethylbenzene	570	ug/kg	9.3	30	1	GRO95/8021		8/19/2014	CJR	1
m&p-Xylene	830	ug/kg	16	50	1	GRO95/8021		8/19/2014	CJR	i
o-Xylene	91	ug/kg	01	32	l	GRO95/8021		8/19/2014	CJR	1
Lab Code 502	27507D		•							

Sample ID

G-1-4

Sample Matrix Soil Sample Date 8/11/ 8/11/2014

Sample Date	8/11/2014										
		Result	Unit	LOD L	OO D	il	Method	Ext Date	Run Date	Analyst	Code
General					~					111111	
General											
Solids Percent		88.7	%			1	5021		8/15/2014	RKM	1
Organic						•	5021		0/13/2014	KIKIVI	1
PAH SIM											
Acenaphthene		< 21.1		21.1	(7		MOOGOD	0.01.0014	0.10.6.10.1.1		
Acenaphthylene		< 19.5	ug/kg	21.1	67	1	M8270D	8/21/2014	8/26/2014	MDK	1
Anthracene			ug/kg	19.5	61.9	1	M8270D	8/21/2014	8/26/2014	MDK	1
		< 18.5	ug/kg	18.8	59.7	I	M8270D	8/21/2014	8/26/2014	MDK	Ţ
Benzo(a)anthracen	e	< 18.4	ug/kg	18.4	58.4	1	M8270D	8/21/2014	8/26/2014	MDK	1
Benzo(a)pyrene		< 19	ug/kg	19	60.5	1	M8270D	8/21/2014	8/26/2014	MDK	1
Benzo(b)fluoranthe		< 18	ug/kg	18	57.3	1	M8270D	8/21/2014	8/26/2014	MDK	1
Benzo(g,h,i)peryler		< 23	ug/kg	23	73.2	1	M8270D	8/21/2014	8/26/2014	MDK	1
Benzo(k)fluoranthe	ene	< 20.6	ug/kg	20.6	65.6	1	M8270D	8/21/2014	8/26/2014	MDK	1
Chrysene		< 18.5	ug/kg	18.5	58.7	1	M8270D	8/21/2014	8/26/2014	MDK	1
Dibenzo(a,h)anthra	cene	< 22.4	ug/kg	22.4	71.3	1	M8270D	8/21/2014	8/26/2014	MDK	1
Fluoranthene		< 18.1	ug/kg	18.1	57.7	1	M8270D	8/21/2014	8/26/2014	MDK	i
Fluorene		< 20	ug/kg	20	63.6	1	M8270D	8/21/2014	8/26/2014	MDK	i
Indeno(1,2,3-cd)py	rene	< 24.4	ug/kg	24.4	77.5	i	M8270D	8/21/2014	8/26/2014	MDK	i
1-Methyl naphthale	ene	25.1 "J"	ug/kg	19.5	62.1	1	M8270D	8/21/2014	8/26/2014	MDK	1
2-Methyl naphthale		< 20.4	ug/kg	20.4	64.9	î	M8270D	8/21/2014	8/26/2014	MDK	1
Naphthalene		43 "J"	ug/kg	21.1	67.1	1	M8270D M8270D	8/21/2014	8/26/2014	MDK	1
Phenanthrene		< 24.7	ug/kg	24.7	78.5	1	M8270D	8/21/2014	8/26/2014	MDK	1
Pyrene		< 20	ug/kg	20	63.7	1	M8270D M8270D				1
PVOC		\20	ug/kg	20	03.7	i	M6270D	8/21/2014	8/26/2014	MDK	ı
Benzene		34	ug/kg	7.9	25	1	GRO95/8021		8/20/2014	CJR	1
Ethylbenzene		120	ug/kg	7.7	25	1	GRO95/8021		8/20/2014	CJR	i
Methyl tert-butyl et	ther (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		8/20/2014	CJR	ı
Toluene		< 25	ug/kg	8.4	27	1	GRO95/8021		8/20/2014	CJR	1
1,2,4-Trimethylben	zene	< 25	ug/kg	10	33	!	GRO95/8021		8/20/2014	CJR	i
1,3,5-Trimethylben	zene	< 25	ug/kg	9.3	30	1	GRO95/8021		8/20/2014	CJR	ì
m&p-Xylene		< 50	ug/kg	16	50	i	GRO95/8021		8/20/2014	CJR	1
o-Xylene		< 25	ug/kg	10	32	1	GRO95/8021		8/20/2014	CJR	1
J		- 20	-6.16	10	72		OKO /3/0021		0/20/2014	CJIC	1

Project #

Lab Code5027507ESample IDG-2-1Sample MatrixSoilSample Date8/11/2014

• • • • • • • • • • • • • • • • • • • •	Result	Unit	LOD I	.00 T	il	Method	Ext Date	Run Date	Analyst	Code
General							Dat Date	Run Date	Allalyst	Couc
General										
Solids Percent	87.1	%			1	5021		01155011		_
Inorganic	07.1	/0			,	5021		8/15/2014	RKM	1
Metals										
Lead, Total	11	mg/kg	0.19	0.5	1	6010B		8/22/2014	ESC	l
Organic										
PAH SIM										
Acenaphthene	< 21.1	ug/kg	21.1	67	1	M8270D	8/21/2014	8/26/2014	MDK	,
Acenaphthylene	< 19.5	ug/kg	19.5	61.9	î	M8270D	8/21/2014	8/26/2014	MDK	1
Anthracene	< 18.5	ug/kg	18.8	59.7	î	M8270D	8/21/2014	8/26/2014	MDK	1
Benzo(a)anthracene	< 18.4	ug/kg	18.4	58.4	î	M8270D	8/21/2014	8/26/2014	MDK	1
Benzo(a)pyrene	< 19	ug/kg	19	60.5	1	M8270D	8/21/2014	8/26/2014	MDK	1
Benzo(b)fluoranthene	< 18	ug/kg	18	57.3	1	M8270D	8/21/2014	8/26/2014	MDK	i
Benzo(g,h,i)perylene	< 23	ug/kg	23	73.2	Ī	M8270D	8/21/2014	8/26/2014	MDK	i
Benzo(k)fluoranthene	< 20.6	ug/kg	20.6	65.6	1	M8270D	8/21/2014	8/26/2014	MDK	1
Chrysene	< 18.5	ug/kg	18.5	58.7	1	M8270D	8/21/2014	8/26/2014	MDK	i
Dibenzo(a,h)anthracene	< 22.4	ug/kg	22.4	71.3	1	M8270D	8/21/2014	8/26/2014	MDK	ĺ
Fluoranthene	< 18.1	ug/kg	18.1	57.7	1	M8270D	8/21/2014	8/26/2014	MDK	i
Fluorene	< 20	ug/kg	20	63.6	I	M8270D	8/21/2014	8/26/2014	MDK	i
Indeno(1,2,3-cd)pyrene	< 24.4	ug/kg	24.4	77.5	1	M8270D	8/21/2014	8/26/2014	MDK	i
1-Methyl naphthalene	< 19.5	ug/kg	19.5	62.1	1	M8270D	8/21/2014	8/26/2014	MDK	1
2-Methyl naphthalene	< 20.4	ug/kg	20.4	64.9	1	M8270D	8/21/2014	8/26/2014	MDK	i
Naphthalene	< 21.1	ug/kg	21.1	67.1	1	M8270D	8/21/2014	8/26/2014	MDK	l
Phenanthrene	< 24.7	ug/kg	24.7	78.5	1	M8270D	8/21/2014	8/26/2014	MDK	1
Pyrene	< 20	ug/kg	20	63.7	1	M8270D	8/21/2014	8/26/2014	MDK	1
PVOC										
Benzene	< 25	ug/kg	7.9	25	1	GRO95/8021		8/19/2014	CJR	Ī
Ethylbenzene	< 25	ug/kg	7.7	25	i	GRO95/8021		8/19/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		8/19/2014	CJR	1
Toluene	< 25	ug/kg	8.4	27	1	GRO95/8021		8/19/2014	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	10	33	1	GRO95/8021		8/19/2014	CJR	i
1,3,5-Trimethylbenzene	< 25	ug/kg	9.3	30	1	GRO95/8021		8/19/2014	CJR	Ť
m&p-Xylene	< 50	ug/kg	16	50	1	GRO95/8021		8/19/2014	CJR	i
o-Xylene	< 25	ug/kg	10	32	l	GRO95/8021		8/19/2014	CJR	i

Lab Code 5027507F Sample ${\bf ID}$ G-2-2 Sample Matrix Soil

Sample Date 8/11/2014

Sample Date 8/	11/2014										
		Result	Unit	LOD 1	LOQ 1	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent		87.1	%			1	5021		9/15/0014	DIO	
Inorganic			70			•	3021		8/15/2014	RKM	1
Metals											
Lead, Total		7.0	h	0.10							
Organic		7.8	mg/kg	0.19	0.5	I	6010B		8/22/2014	ESC	1
_											
VOC's											
Benzene		< 92	ug/kg	92	290	10	8260B		8/20/2014	CJR	1
Bromobenzene		< 130	ug/kg	130	400	10	8260B		8/20/2014	CJR	ī
Bromodichloromethane	;	< 270	ug/kg	270	850	10			8/20/2014	CJR	1
Bromoform tert-Butylbenzene		< 300	ug/kg	300	950	10			8/20/2014	CJR	1
sec-Butylbenzene		< 200	ug/kg	200	640	10			8/20/2014	CJR	Ī
n-Butylbenzene		1120 "J" 5400	ug/kg	410	1320	10			8/20/2014	CJR	l
Carbon Tetrachloride		< 250	ug/kg	260	820	01			8/20/2014	CJR	1
Chlorobenzene		< 160	ug/kg	250	790	10			8/20/2014	CJR	1
Chloroethane		< 420	ug/kg ug/kg	160 420	520		8260B		8/20/2014	CJR	1
Chloroform		< 490	ug/kg ug/kg	420 490	1330 1570	10			8/20/2014	CJR	1
Chloromethane		< 2450	ug/kg ug/kg	2450	7800	10	8260B 8260B		8/20/2014	CJR	1
2-Chlorotoluene		< 160	ug/kg	160	520		8260B		8/20/2014	CJR	I
4-Chlorotoluene		< 140	ug/kg	140	430	10			8/20/2014	CJR	l
1,2-Dibromo-3-chloropi	ropane	< 480	ug/kg	480	1540	10			8/20/2014 8/20/2014	CJR	l ,
Dibromochloromethane		< 140	ug/kg	140	450	10			8/20/2014	CJR CJR	·]
1,4-Dichlorobenzene		< 330	ug/kg	330	1030	10			8/20/2014	CJR	1
1,3-Dichlorobenzene		< 300	ug/kg	300	950	10	8260B		8/20/2014	CJR	1
1,2-Dichlorobenzene		< 380	ug/kg	380	1220	10	8260B		8/20/2014	CJR	ì
Dichlorodifluoromethan	ie	< 570	ug/kg	570	1820	10	8260B		8/20/2014	CJR	1
1,2-Dichloroethane		< 360	ug/kg	360	1140	10	8260B		8/20/2014	CJR	1
1,1-Dichloroethane		< 190	ug/kg	190	600	10	8260B		8/20/2014	CJR	1
1,1-Dichloroethene		< 210	ug/kg	210	660	10	8260B		8/20/2014	CJR	i
cis-1,2-Dichloroethene		< 240	ug/kg	240	770	10	8260B		8/20/2014	CJR	î
trans-1,2-Dichloroethene	e	< 290	ug/kg	290	930	10	8260B		8/20/2014	CJR	1
1,2-Dichloropropane		< 95	ug/kg	95	300	10	8260B		8/20/2014	CJR	i
2,2-Dichloropropane		< 460	ug/kg	460	1480	10	8260B		8/20/2014	CJR	478
1,3-Dichloropropane Di-isopropyl ether		< 210	ug/kg	210	680	10	8260B		8/20/2014	CJR	l
EDB (1,2-Dibromoethan	,a)	< 110	ug/kg	110	340	10	8260B		8/20/2014	CJR	1
Ethylbenzene	10)	< 200 870	ug/kg	200	640	10	8260B		8/20/2014	CJR	I
Hexachlorobutadiene		< 950	ug/kg	100	330	10	8260B		8/20/2014	CJR	I (
Isopropylbenzene		1460	ug/kg ug/kg	950 250	3040	10	8260B		8/20/2014	CJR	l
p-Isopropyltoluene		500 "J"	ug/kg	310	800 980	10 10	8260B 8260B		8/20/2014	CJR	1
Methylene chloride		< 2210	ug/kg	2210	7040	01	8260B		8/20/2014	CJR	l .
Methyl tert-butyl ether (1	MTBE)	< 300	ug/kg	300	960	10	8260B		8/20/2014	CJR	1 7.0
Naphthalene	,	9000	ug/kg	1140	3630	10	8260B		8/20/2014 8/20/2014	CJR	478
n-Propylbenzene		7100	ug/kg	240	750	10	8260B		8/20/2014	CJR	1 1
1,1,2,2-Tetrachloroethan	e	< 120	ug/kg	120	380	10	8260B		8/20/2014	CJR CJR	1
1,1,1,2-Tetrachloroethan	e	< 230	ug/kg	230	740	10	8260B		8/20/2014	CJR	7
Tetrachloroethene		< 490	ug/kg	490	1570		8260B		8/20/2014	CJR	1
Toluene		< 200	ug/kg	200	650		8260B		8/20/2014	CJR	1
1,2,4-Trichlorobenzene		< 790	ug/kg	790	2510		8260B		8/20/2014	CJR	1
1,2,3-Trichlorobenzene		< 1290	ug/kg	1290	4110		8260B		8/20/2014	CJR	i I
1,1,1-Trichloroethane		< 380	ug/kg	380	1200		8260B		8/20/2014	CJR	ì
1,1,2-Trichloroethane		< 230	ug/kg	230	740		8260B		8/20/2014	CJR	ì
Trichloroethene (TCE)		< 280	ug/kg	280	880		8260B		8/20/2014	CJR	Í
Trichlorofluoromethane		< 860	ug/kg	860	2730		8260B		8/20/2014	CJR	i
1,2,4-Trimethylbenzene		42000	ug/kg	260	810	10	8260B		8/20/2014	CJR	i

Project Name GREENFIELD PROPERTY Project #

500

16200

5600

4600

137

1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene

m&p-Xylene

o-Xylene

ug/kg

ug/kg

ug/kg

ug/kg

ug/kg

8.4

10

9.3

16

10

27

33

30

50

ì

1 1

1

GRO95/8021

GRO95/8021

GRO95/8021

GRO95/8021

GRO95/8021

Lab Code 5027507F Sample ID G-2-2 Sample Matrix Soil

Sample Matrix Sample Date	8/11/2014										
1,3,5-Trimethylben Vinyl Chloride m&p-Xylene o-Xylene SUR - 1,2-Dichloro SUR - 4-Bromofluc SUR - Dibromofluc SUR - Toluene-d8	zene ethane-d4 probenzene	Result 14500	Unit ug/kg ug/kg ug/kg ug/kg Rec % Rec % Rec % Rec %	260 210 680 310	840 660 2160 980	10 10	9 8260B 9 8260B 9 8260B 9 8260B 9 8260B	Ext Date	Run Date 8/20/2014 8/20/2014 8/20/2014 8/20/2014 8/20/2014 8/20/2014 8/20/2014	Analyst CJR	Code 1 1 1 1 1 1 1 1 1
Lab Code Sample ID Sample Matrix Sample Date	5027507G G-2-3 Soil 8/11/2014								3.23.271		
		Result	Unit	LOD I	00 I)il	Method	Ext Date	Run Date	Analyset	Codo
General					_			LA Duc	Kun Date	Analyst	Coue
General											
Solids Percent		91.1	%			1	5021		8/15/2014	DUM	
Organic						•	3021		8/13/2014	RKM	1
PAH SIM											
Acenaphthene		< 21.1	ug/kg	21.1	67	1	M8270D	0/21/2014	2/2/1221		
Acenaphthylene		< 19.5	ug/kg	19.5	61.9	1	M8270D M8270D	8/21/2014 8/21/2014	8/26/2014	MDK	1
Anthracene		< 18.5	ug/kg	18.8	59.7	1	M8270D M8270D	8/21/2014	8/26/2014	MDK	l
Benzo(a)anthracene		< 18.4	ug/kg	18.4	58.4	í	M8270D	8/21/2014	8/26/2014 8/26/2014	MDK MDK	1
Benzo(a)pyrene		< 19	ug/kg	19	60.5	î	M8270D	8/21/2014	8/26/2014	MDK	1 1
Benzo(b)fluoranther		< 18	ug/kg	18	57.3	i	M8270D	8/21/2014	8/26/2014	MDK	l I
Benzo(g,h,i)perylene		< 23	ug/kg	23	73.2	ī	M8270D	8/21/2014	8/26/2014	MDK	1
Benzo(k)fluoranthen	ie	< 20.6	ug/kg	20.6	65.6	1	M8270D	8/21/2014	8/26/2014	MDK	1
Chrysene		< 18.5	ug/kg	18.5	58.7	1	M8270D	8/21/2014	8/26/2014	MDK	, F
Dibenzo(a,h)anthrac	ene	< 22.4	ug/kg	22.4	71.3	1	M8270D	8/21/2014	8/26/2014	MDK	1
Fluoranthene		< 18.1	ug/kg	18.1	57.7	1	M8270D	8/21/2014	8/26/2014	MDK	i
Fluorene		< 20	ug/kg	20	63.6	1	M8270D	8/21/2014	8/26/2014	MDK	i
Indeno(1,2,3-cd)pyre		< 24.4	ug/kg	24.4	77.5	ĺ	M8270D	8/21/2014	8/26/2014	MDK	i
1-Methyl naphthalen 2-Methyl naphthalen		500	ug/kg	19.5	62.1	l	M8270D	8/21/2014	8/26/2014	MDK	Ī
Naphthalene	е	890	ug/kg	20.4	64.9	ì	M8270D	8/21/2014	8/26/2014	MDK	1
Phenanthrene		560	ug/kg	21.1	67.1	1	M8270D	8/21/2014	8/26/2014	MDK	1
Pyrene		< 24.7	ug/kg	24.7	78.5	1	M8270D	8/21/2014	8/26/2014	MDK	ī
PVOC		< 20	ug/kg	20	63.7	İ	M8270D	8/21/2014	8/26/2014	MDK	l
Benzene		(10									
Ethylbenzene		640	ug/kg	7.9	25	1	GRO95/8021		8/19/2014	CJR	1
Methyl tert-butyl eth	on (MTDE)	2370	ug/kg	7.7	25	1	GRO95/8021		8/19/2014	CJR	j
Toluene	er (IVI 1 BE)	< 25	ug/kg	8.1	26	1	GRO95/8021		8/19/2014	CJR	1

8/19/2014

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CJR

CJR

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CJR

Lab Code 5027507H Sample ID G-3-1 Sample Matrix Soil Sample Date 8/11/2014

General General Solids Percent 80.2 % 1 5021 8/15/2014 RKM 1 Inorganic Metals Lead, Total 31 mg/kg 0.19 0.5 1 6010B 8/22/2014 ESC 1 Organic PAH SIM Acenaphthene < 21.1 ug/kg 11.1 67 1 M8270D 8/21/2014 8/26/2014 MDK 1 Anthracene < 18.5 ug/kg 19.5 61.9 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(a)pyrene < 19 ug/kg 18.8 59.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(a)pyrene < 19 ug/kg 18.4 58.4 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(a)pyrene < 19 ug/kg 18.4 58.4 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(b)fluoranthene < 18 ug/kg 18 57.3 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(b)fluoranthene < 18 ug/kg 18 57.3 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(g,h,i)perylene < 23 ug/kg 23 73.2 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(g,h,i)perylene < 23 ug/kg 23 73.2 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(g,h,i)perylene < 23 ug/kg 23 73.2 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(g,h,i)perylene < 23 ug/kg 23 73.2 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(g,h,i)perylene < 23 ug/kg 23 73.2 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(g,h)intracene < 18.5 ug/kg 18.5 58.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(a)pyrene < 18.5 ug/kg 18.5 58.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Chrysene < 18.5 ug/kg 18.5 58.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Dibenzo(a,h)anthracene < 18.1 ug/kg 18.1 57.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene < 18.1 ug/kg 18.1 57.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene < 20 ug/kg 20 63.6 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene < 24.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene < 24.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene < 24.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene < 24.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene < 24.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene < 24.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene < 24.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1		Result	Unit	LOD L	ഹ മ	il	Method	Fyt Data	Dun Doto	A malwat	Code
Solids Percent Solids Percent Solids Sol	General		U-111	EOD E	OQ I	111	wichiou	Ext Date	Kun Date	Analyst	Code
Solids Percent Solids Percent Solids Sol	General										
Inorganic		80.2	0/			1	5001		014-1		
Metals		80.2	70			1	5021		8/15/2014	RKM	I
Lead, Total 31 mg/kg 0.19 0.5 1 6010B 8/22/2014 ESC 1	-										
Organic PAH SIM Acenaphthene											
PAH SIM Acenaphthene		31	mg/kg	0.19	0.5	1	6010B		8/22/2014	ESC	I
Acenaphthene <21.1 ug/kg 21.1 67 1 M8270D 8/21/2014 8/26/2014 MDK 1 Acenaphthylene <19.5 ug/kg 19.5 61.9 1 M8270D 8/21/2014 8/26/2014 MDK 1 Anthracene <18.5 ug/kg 18.8 59.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(a)anthracene <18.4 ug/kg 18.4 58.4 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(a)pyrene <19 ug/kg 19 60.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(b)fluoranthene <18 ug/kg 18 57.3 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(b)fluoranthene <18 ug/kg 18 57.3 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(k)fluoranthene <23 ug/kg 23 73.2 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(k)fluoranthene <20.6 ug/kg 20.6 65.6 1 M8270D 8/21/2014 8/26/2014 MDK 1 Chrysene <18.5 ug/kg 18.5 58.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Dibenzo(a,h)anthracene <22.4 ug/kg 22.4 71.3 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene <18.1 ug/kg 18.1 57.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene <20 ug/kg 20 63.6 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene <20 ug/kg 20 63.6 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene <20 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Indeno(1,2,3-cd)pyrene <24.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Indeno(1,2,3-cd)pyrene <24.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Indeno(1,2,3-cd)pyrene <24.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Indeno(1,2,3-cd)pyrene <24.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Indeno(1,2,3-cd)pyrene <24.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Indeno(1,2,3-cd)pyrene <24.4 ug/kg 20.4 64.9 1 M8270D 8/21/2014 8/26/2014 MDK 1 Indeno(1,2,3-cd)pyrene <24.7 ug/kg 20.4 64.9 1 M8270D 8/21/2014 8/26/2014 MDK 1 Indenothalene <21.1 ug/kg 20.4 64.9 1 M8270D 8/21/2014 8/26/2014 MDK 1 Indenothalene <24.7 ug/kg 20.4 64.9 1 M8270D 8/21/2014 8/26/2014 MDK 1 Indenothalene <24.7 ug/kg 20.4 64.9 1 M8270D 8/21/2014 8/26/2014 MDK 1 Indenothalene <24.7 ug/kg 20.4 64.9 1 M8270D 8/21/2014 8/26/2014 MDK 1 Indenothalene <24.7 ug/kg 20.4 64.9 1 M8270D 8/21/2014 8/26/2014 MDK 1 Indenothalene <24.7 ug/kg 20.4 64.9 1 M8270D 8/21/2014 8/26/201	-										
Acenaphthylene	PAH SIM										
Acenaphthylene	Acenaphthene	< 21.1	ug/kg	21.1	67	1	M8270D	8/21/2014	8/26/2014	MDV	1
Anthracene <18.5 ug/kg 18.8 59.7 l M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(a)anthracene <18.4 ug/kg 18.4 58.4 l M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(a)pyrene <19 ug/kg 19 60.5 l M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(b)fluoranthene <18 ug/kg 18 57.3 l M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(g,h,i)perylene <23 ug/kg 23 73.2 l M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(k)fluoranthene <20.6 ug/kg 20.6 65.6 l M8270D 8/21/2014 8/26/2014 MDK 1 Chrysene <18.5 ug/kg 18.5 58.7 l M8270D 8/21/2014 8/26/2014 MDK 1 Dibenzo(a,h)anthracene <22.4 ug/kg 22.4 71.3 l M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene <18.1 ug/kg 18.1 57.7 l M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene <20 ug/kg 20.6 63.6 l M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene <20 ug/kg 22.4 71.3 l M8270D 8/21/2014 8/26/2014 MDK 1 Indeno(1,2,3-cd)pyrene <24.4 ug/kg 24.4 77.5 l M8270D 8/21/2014 8/26/2014 MDK 1 I-Methyl naphthalene <19.5 ug/kg 19.5 62.1 l M8270D 8/21/2014 8/26/2014 MDK 1 I-Methyl naphthalene <20.4 ug/kg 24.4 77.5 l M8270D 8/21/2014 8/26/2014 MDK 1 I-Methyl naphthalene <20.4 ug/kg 20.4 64.9 l M8270D 8/21/2014 8/26/2014 MDK 1 Naphthalene <21.1 ug/kg 21.1 67.1 l M8270D 8/21/2014 8/26/2014 MDK 1 Naphthalene <21.1 ug/kg 21.1 67.1 l M8270D 8/21/2014 8/26/2014 MDK 1 Phenanthrene <24.7 ug/kg 24.7 78.5 l M8270D 8/21/2014 8/26/2014 MDK 1	Acenaphthylene	< 19.5				1					_
Benzo(a)anthracene <18.4 ug/kg 18.4 58.4 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(a)pyrene <19 ug/kg 19 60.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(b)fluoranthene <18 ug/kg 18 57.3 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(g,h,i)perylene <23 ug/kg 23 73.2 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(k)fluoranthene <20.6 ug/kg 20.6 65.6 1 M8270D 8/21/2014 8/26/2014 MDK 1 Chrysene <18.5 ug/kg 18.5 58.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Dibenzo(a,h)anthracene <22.4 ug/kg 22.4 71.3 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene <18.1 ug/kg 18.1 57.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluorene <20 ug/kg 18.1 57.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Indeno(1,2,3-cd)pyrene <24.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 I-Methyl naphthalene <19.5 ug/kg 19.5 62.1 1 M8270D 8/21/2014 8/26/2014 MDK 1 2-Methyl naphthalene <20.4 ug/kg 20.4 64.9 1 M8270D 8/21/2014 8/26/2014 MDK 1 Naphthalene <21.1 ug/kg 21.1 67.1 1 M8270D 8/21/2014 8/26/2014 MDK 1 Phenanthrene <24.7 ug/kg 24.7 78.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Phenanthrene <24.7 ug/kg 24.7 78.5 1 M8270D 8/21/2014 8/26/2014 MDK 1		< 18.5				i					1
Benzo(a)pyrene < 19 ug/kg 19 60.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(b)fluoranthene < 18 ug/kg 18 57.3 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(g,h,i)perylene < 23 ug/kg 23 73.2 1 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(k)fluoranthene < 20.6 ug/kg 20.6 65.6 1 M8270D 8/21/2014 8/26/2014 MDK 1 Chrysene < 18.5 ug/kg 18.5 58.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Dibenzo(a,h)anthracene < 22.4 ug/kg 22.4 71.3 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene < 18.1 ug/kg 18.1 57.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluorene < 20 ug/kg 20 63.6 1 M8270D 8/21/2014 8/26/2014 MDK 1 Indeno(1,2,3-cd)pyrene < 24.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 I-Methyl naphthalene < 19.5 ug/kg 19.5 62.1 1 M8270D 8/21/2014 8/26/2014 MDK 1 2-Methyl naphthalene < 20.4 ug/kg 20.4 64.9 1 M8270D 8/21/2014 8/26/2014 MDK 1 Naphthalene < 21.1 ug/kg 21.1 67.1 1 M8270D 8/21/2014 8/26/2014 MDK 1 Phenanthrene < 24.7 ug/kg 24.7 78.5 1 M8270D 8/21/2014 8/26/2014 MDK 1	Benzo(a)anthracene	< 18.4				Ī					1
Benzo(b)fluoranthene	Benzo(a)pyrene	< 19		19	60.5	1					1
Benzo(g,h,i)perylene		< 18		18		1					1
Benzo(k)fluoranthene <20.6 ug/kg 20.6 65.6 l M8270D 8/21/2014 8/26/2014 MDK 1 Chrysene <18.5 ug/kg 18.5 58.7 l M8270D 8/21/2014 8/26/2014 MDK 1 Dibenzo(a,h)anthracene <22.4 ug/kg 22.4 71.3 l M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene <18.1 ug/kg 18.1 57.7 l M8270D 8/21/2014 8/26/2014 MDK 1 Fluorene <20 ug/kg 20 63.6 l M8270D 8/21/2014 8/26/2014 MDK 1 Indeno(1,2,3-cd)pyrene <24.4 ug/kg 24.4 77.5 l M8270D 8/21/2014 8/26/2014 MDK 1 I-Methyl naphthalene <19.5 ug/kg 19.5 62.1 l M8270D 8/21/2014 8/26/2014 MDK 1 2-Methyl naphthalene <20.4 ug/kg 20.4 64.9 l M8270D 8/21/2014 8/26/2014 MDK 1 Naphthalene <21.1 ug/kg 21.1 67.1 l M8270D 8/21/2014 8/26/2014 MDK 1 Phenanthrene <24.7 ug/kg 24.7 78.5 l M8270D 8/21/2014 8/26/2014 MDK 1		< 23	ug/kg	23	73.2	1	M8270D				1
Chrysene <18.5 ug/kg 18.5 58.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Dibenzo(a,h)anthracene <22.4 ug/kg 22.4 71.3 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluoranthene <18.1 ug/kg 18.1 57.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluorene <20 ug/kg 20 63.6 1 M8270D 8/21/2014 8/26/2014 MDK 1 Indeno(1,2,3-cd)pyrene <24.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 1-Methyl naphthalene <19.5 ug/kg 19.5 62.1 1 M8270D 8/21/2014 8/26/2014 MDK 1 2-Methyl naphthalene <20.4 ug/kg 20.4 64.9 1 M8270D 8/21/2014 8/26/2014 MDK 1 Naphthalene <21.1 ug/kg 21.1 67.1 1 M8270D 8/21/2014 8/26/2014 MDK 1 Phenanthrene <24.7 ug/kg 24.7 78.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 Phenanthrene <24.7 ug/kg 24.7 78.5 1 M8270D 8/21/2014 8/26/2014 MDK 1		< 20.6		20.6	65.6	1					1
Dibenzo(a,h)anthracene <22.4 ug/kg 22.4 71.3 1 M8270D 8/21/2014 8/26/2014 MDK 1		< 18.5	ug/kg	18.5	58.7	1					_
Fluoranthene < 18.1 ug/kg 18.1 57.7 1 M8270D 8/21/2014 8/26/2014 MDK 1 Fluorene < 20 ug/kg 20 63.6 1 M8270D 8/21/2014 8/26/2014 MDK 1 Indeno(1,2,3-cd)pyrene < 24.4 ug/kg 24.4 77.5 1 M8270D 8/21/2014 8/26/2014 MDK 1 1-Methyl naphthalene < 19.5 ug/kg 19.5 62.1 1 M8270D 8/21/2014 8/26/2014 MDK 1 2-Methyl naphthalene < 20.4 ug/kg 20.4 64.9 1 M8270D 8/21/2014 8/26/2014 MDK 1 Naphthalene < 21.1 ug/kg 21.1 67.1 1 M8270D 8/21/2014 8/26/2014 MDK 1 Phenanthrene < 24.7 ug/kg 24.7 78.5 1 M8270D 8/21/2014 8/26/2014 MDK 1		< 22.4	ug/kg	22.4	71.3	1	M8270D				-
Fluorene <20 ug/kg 20 63.6 l M8270D 8/21/2014 8/26/2014 MDK l Indeno(1,2,3-cd)pyrene <24.4 ug/kg 24.4 77.5 l M8270D 8/21/2014 8/26/2014 MDK l I-Methyl naphthalene <19.5 ug/kg 19.5 62.1 l M8270D 8/21/2014 8/26/2014 MDK l 2-Methyl naphthalene <20.4 ug/kg 20.4 64.9 l M8270D 8/21/2014 8/26/2014 MDK l Naphthalene <21.1 ug/kg 21.1 67.1 l M8270D 8/21/2014 8/26/2014 MDK l Phenanthrene <24.7 ug/kg 24.7 78.5 l M8270D 8/21/2014 8/26/2014 MDK l		< 18.1	ug/kg	18.1	57.7	1	M8270D				•
Indeno(1,2,3-cd)pyrene		< 20	ug/kg	20	63.6	1	M8270D				-
1-Methyl naphthalene < 19.5		< 24.4	ug/kg	24.4	77.5	1	M8270D				•
2-Methyl naphthalene <20.4 ug/kg 20.4 64.9 1 M8270D 8/21/2014 8/26/2014 MDK 1 Naphthalene <21.1 ug/kg 21.1 67.1 1 M8270D 8/21/2014 8/26/2014 MDK 1 Phenanthrene <24.7 ug/kg 24.7 78.5 1 M8270D 8/21/2014 8/26/2014 MDK 1		< 19.5	ug/kg	19.5	62.1	1	M8270D				i
Naphthalene <21.1 ug/kg 21.1 67.1 1 M8270D 8/21/2014 8/26/2014 MDK 1 Phenanthrene <24.7 ug/kg 24.7 78.5 1 M8270D 8/21/2014 8/26/2014 MDK 1		< 20.4	ug/kg	20.4	64.9	1	M8270D				i
Phenanthrene <24.7 ug/kg 24.7 78.5 1 M8270D 8/21/2014 8/26/2014 MDK 1			ug/kg	21.1	67.1	1	M8270D				î
			ug/kg	24.7	78.5	1	M8270D	8/21/2014	8/26/2014	MDK	î
Pyrene <20 ug/kg 20 63.7 1 M8270D 8/21/2014 8/26/2014 MDK 1		< 20	ug/kg	20	63.7	1	M8270D	8/21/2014			_
PVOC	PVOC										•
Benzene < 25 ug/kg 7.9 25 1 GRO95/8021 8/20/2014 CJR 1	Benzene	< 25	ug/kg	7.9	25	1	GRO95/8021		8/20/2014	CIP	1
Ethylbenzene <25 ug/kg 7.7 25 l GRO95/8021 820/2014 CIR 1		< 25				î					1
Methyl tert-butyl ether (MTBE) < 25 ug/kg 8.1 26 l GRO95/8021 8/20/2014 CJR 1	Methyl tert-butyl ether (MTBE)	< 25				_					1
Toluene 36 ug/kg 8.4 27 l GRO95/8021 8/20/2014 CIP 1		36		8.4		_					1
1,2,4-Trimethylbenzene <25 ug/kg 10 33 1 GRO95/8021 8/20/2014 CJR 1	1,2,4-Trimethylbenzene	< 25		10		1					1
1,3,5-Trimethylbenzene <25 ug/kg 9.3 30 l GRO95/8021 8/20/2014 CJR l	1,3,5-Trimethylbenzene	< 25		9.3		1					1
m&p-Xylene < 50 ug/kg 16 50 I GRO95/8021 8/20/2014 CIR I		< 50		16		Ī					1
o-Xylene <25 ug/kg 10 32 1 GRO95/8021 8/20/2014 CJR 1	o-Xylene	< 25	ug/kg	10	32	1					1

Project Name GREENFIELD PROPERTY **Project** #

Lab Code 5027507I

G-3-3

Sample ID G-3-3
Sample Matrix Soil

Sample Date 8/11/2014

	Result	Unit	LOD L	OQ D	il	Method	Ext Date	Run Date	Analyst	Code
General				_					•	
General										
Solids Percent	89.9	%			1	5021		8/15/2014	RKM	i
Organic					-	0.021		0/13/2011	reactive.	•
PAH SIM										
Acenaphthene	< 21,1	ug/kg	21.1	67	T	M8270D	8/21/2014	8/26/2014	MDK	1
Acenaphthylene	< 19.5	ug/kg	19.5	61.9	ì	M8270D	8/21/2014	8/26/2014	MDK	1
Anthracene	< 18.5	ug/kg	18.8	59.7	î	M8270D	8/21/2014	8/26/2014	MDK	1
Benzo(a)anthracene	< 18.4	ug/kg	18.4	58.4	1	M8270D	8/21/2014	8/26/2014	MDK	i
Benzo(a)pyrene	< 19	ug/kg	19	60.5	1	M8270D	8/21/2014	8/26/2014	MDK	ì
Benzo(b)fluoranthene	< 18	ug/kg	18	57.3	1	M8270D	8/21/2014	8/26/2014	MDK	i
Benzo(g,h,i)perylene	< 23	ug/kg	23	73.2	i	M8270D	8/21/2014	8/26/2014	MDK	1
Benzo(k)fluoranthene	< 20.6	ug/kg	20.6	65.6	ī	M8270D	8/21/2014	8/26/2014	MDK	i
Chrysene	< 18.5	ug/kg	18.5	58.7	1	M8270D	8/21/2014	8/26/2014	MDK	i
Dibenzo(a,h)anthracene	< 22,4	ug/kg	22.4	71.3	1	M8270D	8/21/2014	8/26/2014	MDK	i
Fluoranthene	< 18.1	ug/kg	18.1	57.7	1	M8270D	8/21/2014	8/26/2014	MDK	i
Fluorene	< 20	ug/kg	20	63.6	1	M8270D	8/21/2014	8/26/2014	MDK	i
Indeno(1,2,3-cd)pyrene	< 24.4	ug/kg	24.4	77.5	1	M8270D	8/21/2014	8/26/2014	MDK	i
l-Methyl naphthalene	850	ug/kg	19.5	62.1	1	M8270D	8/21/2014	8/26/2014	MDK	1
2-Methyl naphthalene	1550	ug/kg	20.4	64.9	1	M8270D	8/21/2014	8/26/2014	MDK	1
Naphthalene	1080	ug/kg	21.1	67.1	1	M8270D	8/21/2014	8/26/2014	MDK	i
Phenanthrene	< 24.7	ug/kg	24.7	78.5	1	M8270D	8/21/2014	8/26/2014	MDK	i
Pyrene	< 20	ug/kg	20	63.7	1	M8270D	8/21/2014	8/26/2014	MDK	l
PVOC								•		
Benzene	164	ug/kg	7.9	25	1	GRO95/8021		8/19/2014	CJR	1
Ethylbenzene	1340	ug/kg	7.7	25	ì	GRO95/8021		8/19/2014	CJR	3
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	1.8	26	i	GRO95/8021		8/19/2014	CJR	ī
Toluene	86	ug/kg	8.4	27	i	GRO95/8021		8/19/2014	CJR	1
1,2,4-Trimethylbenzene	5000	ug/kg	10	33	1	GRO95/8021		8/19/2014	CJR	1
1,3,5-Trimethylbenzene	1880	ug/kg	9.3	30	i	GRO95/8021		8/19/2014	CJR	1
m&p-Xylene	1500	ug/kg	16	50	î	GRO95/8021		8/19/2014	CJR	1
o-Xylene	44	ug/kg	10	32	ī	GRO95/8021		8/19/2014	CJR	í
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Project #

Lab Code 5027507J

Sample ID G-4-1 **Sample Matrix** Soil

Sample Date

8/11/2014

0/11/	2011	Result	Unit	LOD	LOO I	1 :1	Method	E-4 D-4.	D D		. .
General		Result	Omt	LOD	LOQ I	ΛIJ	Methon	Ext Date	Run Date	Analyst	Code
General											
Solids Percent		00.7	0.7			_					
		88.6	%			I	5021		8/15/2014	RKM	1
Inorganic											
Metals											
Lead, Total		4.0	mg/kg	0.19	0.5	1	6010B		8/22/2014	ESC	1
Organic									0.22,2011	Loc	
PAH SIM											
Acenaphthene		< 21.1	ua/lea	21.1	67		1400707	0/01/0011	0.55		
Acenaphthylene		< 19.5	ug/kg ug/kg	19.5		1	M8270D	8/21/2014	8/26/2014	MDK	I
Anthracene		< 18.5		18.8]	M8270D	8/21/2014	8/26/2014	MDK	1
Benzo(a)anthracene		< 18.4	ug/kg			l	M8270D	8/21/2014	8/26/2014	MDK	1
Benzo(a)pyrene		< 19	ug/kg	18.4		1	M8270D	8/21/2014	8/26/2014	MDK	1
Benzo(b)fluoranthene		< 18	ug/kg	19		1	M8270D	8/21/2014	8/26/2014	MDK	İ
Benzo(g,h,i)perylene		< 23	ug/kg	18		1	M8270D	8/21/2014	8/26/2014	MDK	1
Benzo(k)fluoranthene		< 20.6	ug/kg	23		1	M8270D	8/21/2014	8/26/2014	MDK	1
Chrysene			ug/kg	20.6		1	M8270D	8/21/2014	8/26/2014	MDK	i
Dibenzo(a,h)anthracene		< 18.5	ug/kg	18.5		1	M8270D	8/21/2014	8/26/2014	MDK	1
Fluoranthene		< 22.4	ug/kg	22.4		İ	M8270D	8/21/2014	8/26/2014	MDK	l
Fluorene		< 18.1	ug/kg	18.1	57.7	1	M8270D	8/21/2014	8/26/2014	MDK	1
		< 20	ug/kg	20	63.6	1	M8270D	8/21/2014	8/26/2014	MDK	l
Indeno(1,2,3-cd)pyrene		< 24.4	ug/kg	24.4	77.5	1	M8270D	8/21/2014	8/26/2014	MDK	1
1-Methyl naphthalene		< 19.5	ug/kg	19.5	62.1	1	M8270D	8/21/2014	8/26/2014	MDK	1
2-Methyl naphthalene		< 20.4	ug/kg	20.4	64.9	l	M8270D	8/21/2014	8/26/2014	MDK	1
Naphthalene		< 21.1	ug/kg	21.1	67.1	l	M8270D	8/21/2014	8/26/2014	MDK	1
Phenanthrene		< 24.7	ug/kg	24.7	78.5	1	M8270D	8/21/2014	8/26/2014	MDK	1
Pyrene		< 20	ug/kg	20	63.7	1	M8270D	8/21/2014	8/26/2014	MDK	1
PVOC											
Benzene		< 25	ug/kg	7.9	25	1	GRO95/8021		8/20/2014	CJR	1
Ethylbenzene		< 25	ug/kg	7.7	25	Ī	GRO95/8021		8/20/2014	CJR	1
Methyl tert-butyl ether (MT	BE)	< 25	ug/kg	8.1	26	1	GRO95/8021		8/20/2014	CJR	1
Toluene	-	< 25	ug/kg	8.4	27	î	GRO95/8021		8/20/2014	CJR	1
1,2,4-Trimethylbenzene		< 25	ug/kg	10	33	i	GRO95/8021		8/20/2014	CJR	1
1,3,5-Trimethylbenzene		< 25	ug/kg	9.3	30	Ī	GRO95/8021		8/20/2014	CJR	1
m&p-Xylene		< 50	ug/kg	16	50	i	GRO95/8021		8/20/2014	CJR	1
o-Xylene		< 25	ug/kg	01	32	1	GRO95/8021		8/20/2014	CJR	1
				10	-	•	01.075/0021		0/20/2014	CJK	1

Project #

Lab Code 5027507K Sample ID G-4-3

Sample Matrix Soil Sample Date 8/11/2014

	Result	Unit	LOD LO	oo d	il	Method	Ext Date	Run Date	Analyst	Code
General								Zun Dute	zxnaryst	Couc
General										
Solids Percent	91.0	%			1	5021		8/15/2014	RKM	1
Organic					•	5021		0/13/2014	IXIXIVI	1
PVOC + Naphthalene										
Benzene	32	ug/kg	7.9	25	1	GRO95/8021		8/19/2014	CJR	1
Ethylbenzene	< 25	ug/kg	7.7	25	1	GRO95/8021		8/19/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	Ī	GRO95/8021		8/19/2014	CJR	1
Naphthalene	< 25	ug/kg	22	70	l	GRO95/8021	•	8/19/2014	CJR	2
Toluene	< 25	ug/kg	8.4	27	1	GRO95/8021		8/19/2014	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	10	33	1	GRO95/8021		8/19/2014	CJR	1
1,3,5-Trimethylbenzene	36	ug/kg	9.3	30	i	GRO95/8021		8/19/2014	CJR	1
m&p-Xylene	< 50	ug/kg	16	50	1	GRO95/8021		8/19/2014	CJR	i
o-Xylene	< 25	ug/kg	10	32	1	GRO95/8021		8/19/2014	CJR	1

Project #

Lab Code5027507LSample IDG-5-1Sample MatrixSoil

Sample Date 8/11/2014

•	Result	Unit	LOD L	OQ D	il	Method	Ext Date	Run Date	Analyst	Code
General				_						
General										
Solids Percent	89.4	%			1	5021		8/15/2014	RKM	1
Inorganic	0,,,	70				3021		6/13/2014	KKIVI	1
Metals										
	0.2					40				
Lead, Total	9.3	mg/kg	0.19	0.5	1	6010B		8/22/2014	ESC	İ
Organic										
PAH SIM										
Acenaphthene	< 21.1	ug/kg	21.1	67	1	M8270D	8/21/2014	8/26/2014	MDK	1
Acenaphthylene	< 19.5	ug/kg	19.5	61.9	ì	M8270D	8/21/2014	8/26/2014	MDK	Ī
Anthracene	< 18.5	ug/kg	18.8	59.7	1	M8270D	8/21/2014	8/26/2014	MDK	ı
Benzo(a)anthracene	< 18.4	ug/kg	18.4	58.4	1	M8270D	8/21/2014	8/26/2014	MDK	t
Benzo(a)pyrene	< 19	ug/kg	19	60.5	1	M8270D	8/21/2014	8/26/2014	MDK	1
Benzo(b)fluoranthene	< 18	ug/kg	18	57.3	1	M8270D	8/21/2014	8/26/2014	MDK	1
Benzo(g,h,i)perylene	< 23	ug/kg	23	73.2	1	M8270D	8/21/2014	8/26/2014	MDK	1
Benzo(k)fluoranthene	< 20.6	ug/kg	20.6	65.6	I	M8270D	8/21/2014	8/26/2014	MDK	1
Chrysene	< 18.5	ug/kg	18.5	58.7	1	M8270D	8/21/2014	8/26/2014	MDK	i
Dibenzo(a,h)anthracene	< 22.4	ug/kg	22.4	71.3	1	M8270D	8/21/2014	8/26/2014	MDK	1
Fluoranthene	< 18.1	ug/kg	18.1	57.7	1	M8270D	8/21/2014	8/26/2014	MDK	1
Fluorene	< 20	ug/kg	20	63.6	1	M8270D	8/21/2014	8/26/2014	MDK	1
Indeno(1,2,3-cd)pyrene	< 24.4	ug/kg	24.4	77.5	1	M8270D	8/21/2014	8/26/2014	MDK	1
1-Methyl naphthalene	< 19.5	ug/kg	19.5	62.1	1	M8270D	8/21/2014	8/26/2014	MDK	1
2-Methyl naphthalene	< 20.4	ug/kg	20.4	64.9	1	M8270D	8/21/2014	8/26/2014	MDK	i
Naphthalene	< 21.1	ug/kg	21.1	67.1	l	M8270D	8/21/2014	8/26/2014	MDK	1
Phenanthrene	< 24.7	ug/kg	24.7	78.5	1	M8270D	8/21/2014	8/26/2014	MDK	1
Pyrene	< 20	ug/kg	20	63.7	l	M8270D	8/21/2014	8/26/2014	MDK	1
PVOC										
Benzene	< 25	ug/kg	7.9	25	1	GRO95/8021		8/19/2014	CJR	1
Ethylbenzene	< 25	ug/kg	7.7	25	1	GRO95/8021		8/19/2014	CJR	i
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		8/19/2014	CJR	i
Toluene	< 25	ug/kg	8.4	27	1	GRO95/8021		8/19/2014	CJR	i
1,2,4-Trimethylbenzene	< 25	ug/kg	10	33	1	GRO95/8021		8/19/2014	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	9.3	30	1	GRO95/8021		8/19/2014	CJR	î
m&p-Xylene	< 50	ug/kg	16	50	ı	GRO95/8021		8/19/2014	CJR	î
o-Xylene	< 25	ug/kg	10	32	1	GRO95/8021		8/19/2014	CJR	Ī

Project #

Lab Code5027507MSample IDG-5-3Sample MatrixSoilSample Date8/11/2014

Sample Date	8/11/2014										
		Result	Unit	LOD I	LOQ D	il	Method	Ext Date	Run Date	Analyst	Code
General					_					111141,50	Cour
General											
Solids Percent		96.7	%			1	5021		8/15/2014	RKM	1
Organic						-			0/13/2014	ICICIVI	1
PVOC + Naph	thalene										
Benzene		290	ug/kg	79	250	10	GRO95/8021		8/21/2014	CJR	1
Ethylbenzene		6500	ug/kg	77	250	10	GRO95/8021		8/21/2014	CJR	1
Methyl tert-butyl et	ther (MTBE)	< 250	ug/kg	81	260	10	GRO95/8021		8/21/2014	CJR	1
Naphthalene		8200	ug/kg	220	700	10	GRO95/8021		8/21/2014	CJR	i
Toluene		1360	ug/kg	84	270	10	GRO95/8021		8/21/2014	CJR	î
1,2,4-Trimethylben		49000	ug/kg	100	330	10	GRO95/8021		8/21/2014	CJR	i
1,3,5-Trimethylben	zene	15400	ug/kg	93	300	10	GRO95/8021		8/21/2014	CJR	1
m&p-Xylene		35000	ug/kg	160	500	10	GRO95/8021		8/21/2014	CJR	1
o-Xylene		1830	ug/kg	100	320	10	GRO95/8021		8/21/2014	CJR	1
Lab Code	5027507N										
Sample ID	G-6-3										
Sample Matrix	Soil										
Sample Date	8/11/2014										
Sample Date	0/11/2014	D 1/				_					
		Result	Unit	LOD I	.OQ Di	1	Method	Ext Date	Run Date	Analyst	Code
General										_	

Dunipio Duce	0/11/2011										
		Result	Unit	LOD LO	OQ D	il	Method	Ext Date	Run Date	Analyst	Code
General					_					.	
General											
Solids Percent		91.1	%			1	5021		8/15/2014	RKM	1
Organic									0/13/2014	KIKIYI	ı
PVOC + Naph	thalene										
Benzene		650	ug/kg	7.9	25	1	GRO95/8021		8/20/2014	CJR	1
Ethylbenzene		1320	ug/kg	7.7	25	i	GRO95/8021		8/20/2014	CJR	ì
Methyl tert-butyl et	her (MTBE)	< 25	ug/kg	8.1	26	i	GRO95/8021		8/20/2014	CJR	î
Naphthalene		1190	ug/kg	22	70	1	GRO95/8021		8/20/2014	CJR	i
Toluene		580	ug/kg	8.4	27	1	GRO95/8021		8/20/2014	CJR	î
1,2,4-Trimethylben		850	ug/kg	10	33	1	GRO95/8021		8/20/2014	CJR	î
1,3,5-Trimethylben	zene	3200	ug/kg	9.3	30	1	GRO95/8021		8/20/2014	CJR	î
m&p-Xylene		1730	ug/kg	16	50	Ī	GRO95/8021		8/20/2014	CJR	1
o-Xylene		400	ug/kg	10	32	1	GRO95/8021		8/20/2014	CJR	ĺ

Project #

Naphthalene

Phenanthrene

Ethylbenzene

m&p-Xylene

o-Xylene

Methyl tert-butyl ether (MTBE)

1,2,4-Trimethylbenzene

1,3,5-Trimethylbenzene

Pyrene

PVOC Benzene

Toluene

Lab Code 5027507O Sample ID G-7-1

< 21.1

< 24.7

< 20

< 25

< 25

< 25

< 25

< 25

< 25

< 50

< 25

Sample Matrix Soil

Sample Date 8/11/2014 Result Unit LOD LOO Dil Method Ext Date Run Date Analyst Code General General Solids Percent 89.5 % 5021 8/15/2014 RKM 1 Inorganic Metals Lead, Total 3.8 mg/kg 0.19 0.5 6010B 8/22/2014 ESC 1 Organic PAH SIM Acenaphthene < 21.1 ug/kg 21.1 67 1 M8270D 8/21/2014 8/26/2014 MDK Acenaphthylene < 19.5 ug/kg 19.5 61.9 M8270D 1 8/21/2014 8/26/2014 MDK Anthracene < 18.5 ug/kg 18.8 59.7 1 M8270D 8/21/2014 8/26/2014 MDK Benzo(a)anthracene < 18.4 ug/kg 18.4 58.4 1 M8270D 8/21/2014 8/26/2014 MDK Benzo(a)pyrene < 19 ug/kg 19 60.5 1 M8270D 8/21/2014 8/26/2014 MDK Benzo(b)fluoranthene < 18 ug/kg 18 57.3 M8270D 8/21/2014 8/26/2014 MDK 1 Benzo(g,h,i)perylene < 23ug/kg 23 73.2 M8270D 8/21/2014 8/26/2014 MDK Benzo(k)fluoranthene < 20.6 20.6 ug/kg 65.6 M8270D 8/21/2014 8/26/2014 1 MDK Chrysene < 18.5 ug/kg 18.5 58.7 1 M8270D 8/21/2014 8/26/2014 MDK Dibenzo(a,h)anthracene < 22.4 ug/kg 22,4 71.3 M8270D 8/21/2014 8/26/2014 MDK Fluoranthene < 18.1 18.1 M8270D ug/kg 57.7 1 8/21/2014 8/26/2014 MDK Fluorene < 20 ug/kg 20 63.6 1 M8270D 8/21/2014 8/26/2014 MDK Indeno(1,2,3-cd)pyrene < 24.4 ug/kg 24.4 77.5 M8270D 1 8/21/2014 8/26/2014 MDK I-Methyl naphthalene < 19.5 ug/kg 19.5 62.1 l M8270D 8/21/2014 8/26/2014 MDK 2-Methyl naphthalene < 20.4 20.4 ug/kg 64.9 M8270D ı 8/21/2014 8/26/2014 MDK

21.1

24.7

20

7.9

7.7

8.1

8.4

10

9.3

16

10

ug/kg

ug/kg

ug/kg

ug/kg

ug/kg

ug/kg

ug/kg

ug/kg

ug/kg

ug/kg

ug/kg

67.1

78.5

63.7

25

25 1

26

27

33

30

50 1

32

1

1

ł

1

1

M8270D

M8270D

M8270D

GRO95/8021

GRO95/8021

GRO95/8021

GRO95/8021

GRO95/8021

GRO95/8021

GRO95/8021

GRO95/8021

8/21/2014

8/21/2014

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8/20/2014

8/20/2014

8/20/2014

MDK

MDK

MDK

CJR

CJR

CJR

CJR

CJR

CJR

CJR

CJR

1

1

1

1

1

Project Name GREENFIELD PROPERTY Invoice # E27507

Project #

Lab Code5027507PSample IDG-7-2Sample MatrixSoilSample Date8/11/2014

•	Result	Unit	LOD LO	OQ D	il	Method	Ext Date	Run Date	Analyst	Code
General				-					•	
General										
Solids Percent	95.3	%			1	5021		8/15/2014	RKM	1
Organic										
PVOC + Naphthalene										
Benzene	< 25	ug/kg	7.9	25	1	GRO95/8021		8/20/2014	CJR	1
Ethylbenzene	< 25	ug/kg	7.7	25	1	GRO95/8021		8/20/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	i	GRO95/8021		8/20/2014	CJR	1
Naphthalene	< 25	ug/kg	22	70	1	GRO95/8021		8/20/2014	CJR	1
Toluene	< 25	ug/kg	8.4	27	1	GRO95/8021		8/20/2014	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	10	33	1	GRO95/8021		8/20/2014	CJR	1
I,3,5-Trimethylbenzene	< 25	ug/kg	9.3	30	l	GRO95/8021		8/20/2014	CJR	1
m&p-Xylene	< 50	ug/kg	16	50	1	GRO95/8021		8/20/2014	CJR	1
o-Xylene	< 25	ug/kg	10	32	I	GRO95/8021		8/20/2014	CJR]
Tab Code 50075070	•									

 Lab Code
 5027507Q

 Sample ID
 G-8-3

Sample Matrix Soil Sample Date 8/11/2014

Sample Date	0/11/2014										
		Result	Unit	LOD LO	OQ D	il	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent		87.2	%			1	5021		8/15/2014	RKM	1
Organic											
PVOC + Napl	nthalene										
Benzene		< 25	ug/kg	7.9	25	1	GRO95/8021		8/20/2014	CJR	1
Ethylbenzene		< 25	ug/kg	7.7	25	1	GRO95/8021		8/20/2014	CJR	1
Methyl tert-butyl e	ther (MTBE)	< 25	ug/kg	8.1	26	l	GRO95/8021		8/20/2014	CJR	1
Naphthalene		< 25	ug/kg	22	70	l	GRO95/8021		8/20/2014	CJR	1
Toluene		< 25	ug/kg	8.4	27	1	GRO95/8021		8/20/2014	CJR	1
1,2,4-Trimethylber	ızene	< 25	ug/kg	10	33	1	GRO95/8021		8/20/2014	CJR	1
1,3,5-Trimethylber	ızene	< 25	ug/kg	9.3	30	1	GRO95/8021		8/20/2014	CJR	1
m&p-Xylene		< 50	ug/kg	16	50	1	GRO95/8021		8/20/2014	CJR	1
o-Xylene		< 25	ug/kg	10	32	Ī	GRO95/8021		8/20/2014	CJR	ł

Invoice # E27507

Lab Code 5027507R Sample ID G-9-3

Sample Matrix Sample Date	Soil 8/11/2014	Result	Unit	LOD LO	10. D	21	Method	Eut Data	Dun Data	4 14	Cala
General		Result	Ont	LOD LO	JQ D	KI.	Memon	Ext Date	Run Date	Analyst	Code
General											
Solids Percent		00.0	0.4				500 1				_
		89.8	%			1	5021		8/15/2014	RKM	1
Organic	.1 1										
PVOC + Naph	thalene		_								
Benzene		< 25	ug/kg	7.9	25	1	GRO95/8021		8/20/2014	CJR	1
Ethylbenzene Methyl tert-butyl et	thon (MCDE)	< 25 < 25	ug/kg	7.7	25	1	GRO95/8021		8/20/2014	CJR	1
Naphthalene	mer (M.1 DE)	< 25	ug/kg ug/kg	8.1 22	26 70	1	GRO95/8021 GRO95/8021		8/20/2014 8/20/2014	CJR CJR	1
Toluene		< 25	ug/kg ug/kg	8.4	27	1	GRO95/8021		8/20/2014	CJR	1
1,2,4-Trimethylben	zene	< 25	ug/kg	10	33	î	GRO95/8021		8/20/2014	CJR	1
1,3,5-Trimethylben	zene	< 25	ug/kg	9.3	30	I	GRO95/8021		8/20/2014	CJR	í
m&p-Xylene		< 50	ug/kg	16	50	1	GRO95/8021		8/20/2014	CJR	1
o-Xylene		< 25	ug/kg	10	32	1	GRO95/8021		8/20/2014	CJR	1
Lab Code Sample ID Sample Matrix Sample Date	5027507S G-10-3 Soil 8/11/2014										
-		Result	Unit	LOD LO	O Di	l	Method	Ext Date	Run Date	Analyst	Code
General General											000
Solids Percent		91.3	%			1	5021		8/15/2014	RKM	1
Organic											
PVOC + Naph	thalene										
Benzene		< 25	ug/kg	7.9	25	1	GRO95/8021		8/20/2014	CJR	1
Ethylbenzene		< 25	ug/kg	7.7	25	I	GRO95/8021		8/20/2014	CJR	1
Methyl tert-butyl et	her (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		8/20/2014	CJR	1
Naphthalene		< 25	ug/kg	22	70	1	GRO95/8021		8/20/2014	CJR	1
Toluene 1,2,4-Trimethylben	70110	< 25 < 25	ug/kg	8.4 10	27	1 1	GRO95/8021		8/20/2014	CJR	1
1,3,5-Trimethylben		< 25 < 25	ug/kg ug/kg	9.3	33 30	1	GRO95/8021 GRO95/8021		8/20/2014 8/20/2014	CJR CJR	1
m&p-Xylene	20110	< 50	ug/kg ug/kg	9.5 16	50	1	GRO95/8021		8/20/2014	CJR CJR	1
o-Xylene		< 25	ug/kg	10	32	î	GRO95/8021		8/20/2014	CJR	1

Project Name GREENFIELD PROPERTY Project # Lab Code 5027507T

Sample ID Sample Matrix	G-11-2 Soil											
Sample Date	8/11/2014											
,	0,11,2011	Result	Unit	LOD LO	O Di	ı	Method	Ext Date	Run Date	Analyst	Code	
General									2144 2400	7 111111 3 0 0	Couc	
General												
Solids Percent		91.0	%			I	5021		8/15/2014	RKM	1	
Organic												
PVOC + Naph	thalene											
Benzene		< 25	ug/kg	7.9	25	l	GRO95/8021		8/20/2014	CJR]	
Ethylbenzene Methyl tert-butyl et	har (MTDE)	< 25 < 25	ug/kg	7.7	25]	GRO95/8021		8/20/2014	CJR	Ī	
Naphthalene	mer (INT DE)	< 25	ug/kg ug/kg	8.1 22	26 70	1	GRO95/8021 GRO95/8021		8/20/2014 8/20/2014	CJR CJR	Į 1	
Toluene		< 25	ug/kg	8.4	27	1	GRO95/8021 GRO95/8021		8/20/2014	CJR CJR	1	
1,2,4-Trimethylben		< 25	ug/kg	10	33	1	GRO95/8021		8/20/2014	CJR	1	
1,3,5-Trimethylben	zene	< 25	ug/kg	9.3	30	1	GRO95/8021		8/20/2014	CJR	1	
m&p-Xylene o-Xylene		< 50 < 25	ug/kg ug/kg	16 10	50 32	1	GRO95/8021 GRO95/8021		8/20/2014	CJR	l	
-		~ 23	ug/kg	10	32	ı	GRO95/8021		8/20/2014	CJR	1	
Lab Code	5027507U											
Sample ID	G-12-3											
Sample Matrix	Soil											
Sample Date	8/11/2014	_										
0 1		Result	Unit	rod ro	Q Di	1	Method	Ext Date	Run Date	Analyst	Code	
General												
General									•			
Solids Percent		90.5	%			1	5021		8/15/2014	RKM	l	
Organic	. 1											
PVOC + Napht Benzene	inalene	.05										
Ethylbenzene		< 25 1670	ug/kg	7.9 7.7	25 25	1	GRO95/8021		8/20/2014	CJR	1	
Methyl tert-butyl et	her (MTBE)	< 25	ug/kg ug/kg	7.7 8.1	26	Ĭ I	GRO95/8021 GRO95/8021		8/20/2014 8/20/2014	CJR CJR	1 1	
Naphthalene	\	1320	ug/kg	22	70	1	GRO95/8021		8/20/2014	CJR CJR	1	
Toluene		2050	ug/kg	8.4	27	1	GRO95/8021		8/20/2014	CJR	į	
1,2,4-Trimethylbenz		4200	ug/kg	10	33	1	GRO95/8021		8/20/2014	CJR	i	
1,3,5-Trimethylbenz m&p-Xylene	ene	1230 7100	ug/kg ug/kg	9.3 16	30 50	1	GRO95/8021		8/20/2014	CJR	l	
o-Xylene			~ ~			1	GRO95/8021		8/20/2014	CJR	1	
0 11 10110		420	ug/kg	10	32	1	GRO95/8021		8/20/2014	CJR	1	

ug/kg ug/kg

16

10

50 1

32 1

< 50

< 25

Lab Code5027507VSample IDG-13-3Sample MatrixSoilSample Date8/11/2014

m&p-Xylene

o-Xylene

Sample Matrix Sample Date	Soil 8/11/2014	Dogulé	T T \$4	IOD I	00 D	••	N. (1)	T (D (
General		Result	Unit	LOD LO	OQ D	IJ	Method	Ext Date	Run Date	Analyst	Code
General											
Solids Percent		92.5	%			1	5021		8/15/2014	RKM	1
Organic											
PVOC + Naph	thalene										
Benzene		< 25	ug/kg	7.9	25	1	GRO95/8021		8/21/2014	CJR	1
Ethylbenzene		< 25	ug/kg	7.7	25	1	GRO95/8021		8/21/2014	CJR	ì
Methyl tert-butyl et	ther (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		8/21/2014	CJR	1
Naphthalene		< 25	ug/kg	22	70	1	GRO95/8021		8/21/2014	CJR	2
Toluene		< 25	ug/kg	8.4	27	1	GRO95/8021		8/21/2014	CJR	1
1,2,4-Trimethylben		< 25	ug/kg	10	33	1	GRO95/8021		8/21/2014	CJR	1
1,3,5-Trimethylben	zene	< 25	ug/kg	9.3	30	I	GRO95/8021		8/21/2014	CJR	1
m&p-Xylene		< 50	ug/kg	16	50	l	GRO95/8021		8/21/2014	CJR	1
o-Xylene		< 25	ug/kg	10	32	1	GRO95/8021		8/21/2014	CJR	1
Lab Code Sample ID Sample Matrix Sample Date	5027507W G-14-3 Soil 8/11/2014										
		Result	Unit	LOD LO	OQ Di	1	Method	Ext Date	Run Date	Analyst	Code
General										•	
General		_									
Solids Percent		93.8	%			1	5021		8/15/2014	RKM	1
Organic									0/13/2011	10,011	•
PVOC + Naphi	thalene										
Benzene		< 25	ug/kg	7.9	25	1	GRO95/8021		8/20/2014	CJR	1
Ethylbenzene		< 25	ug/kg	7.7	25	1	GRO95/8021		8/20/2014	CJR	1
Methyl tert-butyl et	her (MTBE)	< 25	ug/kg	8.1	26	i	GRO95/8021		8/20/2014	CJR	1
Naphthalene	` ,	< 25	ug/kg	22	70	î	GRO95/8021		8/20/2014	CJR	1
Toluene		< 25	ug/kg	8.4	27	ĺ	GRO95/8021		8/20/2014	CJR	1
1,2,4-Trimethylbenz	zene	< 25	ug/kg	10	33	1	GRO95/8021		8/20/2014	CJR	i
1,3,5-Trimethylbenz		< 25	ug/kg	9.3	30	1	GRO95/8021		8/20/2014	CJR	ì
m&n-Xylene		< 50	ua/ka	16	50	1	CD OD \$ /000 L		0/20/2014	OID	÷

GRO95/8021 GRO95/8021 8/20/2014 8/20/2014 CJR

CJR

Project #

Lab Code Sample ID

5027507X

G-15-2

Sample Matrix Soil Sample Date 8/11/

8/11/2014

	_ • - ·									
	Result	Unit	LOD LO	OQ D	il	Method	Ext Date	Run Date	Analyst	Code
General				_					111111	Couc
General										
Solids Percent	94.6	%			1	5021		8/15/2014	RKM	1
Organic								0/15/2014	ICICIVI	1
PVOC + Naphthalene	Э									
Benzene	< 25	ug/kg	7.9	25	1	GRO95/8021		8/20/2014	CJR	1
Ethylbenzene	< 25	ug/kg	7.7	25	ī	GRO95/8021		8/20/2014	CJR	Ī
Methyl tert-butyl ether (M7	BE) < 25	ug/kg	8.1	26	1	GRO95/8021		8/20/2014	CJR	1
Naphthalene	< 25	ug/kg	22	70	ì	GRO95/8021		8/20/2014	CJR	1
Toluene	< 25	ug/kg	8.4	27	ī	GRO95/8021		8/20/2014	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	10	33	í	GRO95/8021		8/20/2014	CJR	;
1,3,5-Trimethylbenzene	< 25	ug/kg	9.3	30	1	GRO95/8021		8/20/2014	CJR	1
m&p-Xylene	< 50	ug/kg	16	50	1	GRO95/8021		8/20/2014	CJR	1
o-Xylene	< 25	ug/kg	10	32	î	GRO95/8021		8/20/2014	CJR	1
					•	2.10,0021		0/20/2014	C31(1

5027507Y

Lab Code Sample ID

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Sample Matrix Drinking Water

Sample Date

8/11/2014

*	Result	Unit	TOD I	OQ Dil	Method	Ext Date	Run Date	Analyst	Code
Organic	200011	Omt	LOD I	JOQ DII	Wethou	Ext Date	Run Date	лиагуы	Couc
VOC's									
	-0.04	.41		0.22	0.1.0				
Benzene	< 0.24	ug/l	0.24		1 524.2		8/25/2014	CJR	l
Bromobenzene	< 0.33	ug/l	0.33		1 524.2		8/25/2014	CJR	1
Bromodichloromethane	< 0.27	ug/l	0.27		1 524.2		8/25/2014	CJR	1
Bromoform	< 0.34	ug/l	0.34		1 524.2		8/25/2014	CJR	l
Bromomethane	< 0.98	ug/l	0.98		524.2		8/25/2014	CJR	1
Carbon Tetrachloride	< 0.25	ug/l	0.25		1 524.2		8/25/2014	CJR	1
Chlorobenzene	< 0.24	ug/l	0.24		1 524.2		8/25/2014	CJR	1
Chloroethane	< 0.62	ug/l	0.62		l 524.2		8/25/2014	CJR	1
Chloroform	< 0.28	ug/l	0.28		1 524.2		8/25/2014	CJR	1
Chloromethane	< 0.81	ug/l	0.81		1 524.2		8/25/2014	CJR	1
2-Chlorotoluene	< 0.35	ug/l	0.35		1 524.2		8/25/2014	CJR	l
4-Chlorotoluene	< 0.29	ug/l	0.29	0.91	1 524.2		8/25/2014	CJR	1
Dibromochloromethane	< 0.2	ug/l	0.2	0.64	1 524.2		8/25/2014	CJR	l
Dibromomethane	< 0.41	ug/l	0.41	1.3	524.2		8/25/2014	CJR	1
1,4-Dichlorobenzene	< 0.25	ug/l	0.25	8.0	524.2		8/25/2014	CJR	1
1,3-Dichlorobenzene	< 0.3	ug/l	0.3	0.96	1 524.2		8/25/2014	CJR	i
1,2-Dichlorobenzene	< 0.28	ug/l	0.28	0.88	1 524.2		8/25/2014	CJR	1
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.85	1 524.2		8/25/2014	CJR	1
1,2-Dichloroethane	< 0.41	ug/l	0.41	1.3	524.2		8/25/2014	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.97	524.2		8/25/2014	CJR	1
1,1-Dichloroethene	< 0.31	ug/l	0.31	0.99	524.2		8/25/2014	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/I	0.32	1	524.2 .		8/25/2014	CJR	1
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.8	524.2		8/25/2014	CJR	1
1,2-Dichloropropane	< 0.32	ug/l	0.32	1	524.2		8/25/2014	CJR	ī
2,2-Dichloropropane	< 0.45	ug/l	0.45	1.4	524.2		8/25/2014	CJR	1
1,3-Dichloropropane	< 0.26	ug/l	0.26	0.82	524.2		8/25/2014	CJR	1
trans-1,3-Dichloropropene	< 0.22	ug/l	0.22	0.69	524.2		8/25/2014	CJR	ī
cis-1,3-Dichloropropene	< 0.2	ug/l	0.2		524.2		8/25/2014	CJR	i
1,1-Dichloropropene	< 0.34	ug/l	0.34	1.1 1	524.2		8/25/2014	CJR	1
Ethylbenzene	< 0.27	ug/l	0.27	0.86			8/25/2014	CJR	ĺ
Hexachlorobutadiene	< 0.48	ug/l	0.48	1.5			8/25/2014	CJR	ī
Isopropylbenzene	< 0.3	ug/l	0.3	0.96			8/25/2014	CJR	Ī
p-Isopropyltoluene	< 0.3	ug/l	0.3	0.94	524.2		8/25/2014	CJR	1
Methylene chloride	< 0.35	ug/l	0.35	1.1			8/25/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.26	ug/l	0.26		524.2		8/25/2014	CJR	1
Naphthalene	< 0.49	ng/l	0.49	1.6			8/25/2014	CJR	i
Styrene	< 0.23	ug/l	0.23	0.72			8/25/2014	CJR	í
1,1,2,2-Tetrachloroethane	< 0.45	ug/l	0.45	1.4			8/25/2014	CJR	1
1,1,1,2-Tetrachloroethane	< 0.29	ug/l	0.29	0.91			8/25/2014	CJR	i
Tetrachloroethene	< 0.27	ug/l	0.27	0.85			8/25/2014	CJR	1
Toluene	< 0.24	ug/l	0.24	0.75			8/25/2014	CJR	l
1,2,4-Trichlorobenzene	< 0.24	ug/l	0.24	0.76			8/25/2014	CJR	l l
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1 1	524.2		8/25/2014	CJR	l l
1,1,2-Trichloroethane	< 0.34	ug/l	0.34	1.1 1			8/25/2014	CJR	l
Trichloroethene (TCE)	< 0.3	ug/l	0.3		524.2		8/25/2014	CJR	i
Trichlorofluoromethane	< 0.26	ug/l	0.26	0.84 1			8/25/2014	CJR	1
1,2,3-Trichloropropane	< 0.91	ug/l	0.91	2.9			8/25/2014	CJR	ì
Trichlorotrifluoroethane	< 0.41	ug/l	0.41	1.3	524.2		8/25/2014	CJR	l l
1,2,4-Trimethylbenzene	< 0.31	ug/l	0.31	0.98 1	524.2		8/25/2014	CJR	1
1,3,5-Trimethylbenzene	< 0.26	ug/l	0.26	0.83	524.2		8/25/2014	CJR	
Vinyl Chloride	< 0.18	ug/l	0.20	0.65			8/25/2014	CJR	1
m&p-Xylene	< 0.69	ug/l	0.18	2.2			8/25/2014	CJR] }
o-Xylene	< 0.25	ug/l	0.05	0.79			8/25/2014		
,	- 0.22	u _{5/1}	0.23	0.17	J4T.4		0/43/2014	CJR	t

Project #

Lab Code

5027507Z

Sample ID Sample Matrix Drinking Water

POTABLE WELL

8/11/2014

Sample Date Method Result Unit LOD LOO Dil Ext Date Run Date Analyst Code Organic VOC's Benzene < 0.24 0.24 0.77 ug/I 1 524.2 8/25/2014 CJR İ Bromobenzene < 0.33 ug/l 0.33 524.2 8/25/2014 CJR 1 Bromodichloromethane < 0.27 0.27 0.85 ug/l 1 524.2 8/25/2014 CJR 1 Bromoform < 0.34 ug/l 0.34 1.1 524.2 8/25/2014 CJR 1 < 0.98 Bromomethane ug/l 0.98 3.1 1 524.2 8/25/2014 CJR Carbon Tetrachloride < 0.25 ug/l 0.25 0.81 524.2 8/25/2014 CJR 1 Chlorobenzene < 0.24 0.24 0.77 ug/l 1 524.2 8/25/2014 CJR Chloroethane < 0.62 0.62 1 524.2 ug/l 8/25/2014 CJR Chloroform < 0.28 0.28 0.88 ug/l 1 524.2 8/25/2014 CJR Chloromethane < 0.81 ug/l 18.0 2.6 524.2 8/25/2014 CJR 2-Chlorotoluene < 0.35ug/l 0.35 1.1 524.2 1 8/25/2014 CJR 4-Chlorotoluene < 0.29 ug/l 0.29 0.91 524.2 8/25/2014 CJR Dibromochloromethane < 0.2 ug/l 0.2 0.64 524.2 CJR 1 8/25/2014 1 Dibromomethane < 0.41 ug/l 0.411.3 1 524.2 8/25/2014 CJR 1 1,4-Dichlorobenzene < 0.25 ug/l 0.25 0.8 524.2 1 8/25/2014 **CJR** 1.3-Dichlorobenzene < 0.3 0.96 ug/l 0.3 524.2 8/25/2014 CJR İ 1,2-Dichlorobenzene < 0.28 ug/l 0.28 0.88 524.2 8/25/2014 CJR 1 Dichlorodifluoromethane < 0.270.27 ug/l 0.85 524.2 8/25/2014 CJR 1 1,2-Dichloroethane < 0.41 ug/l 0.41 1.3 524.2 1 8/25/2014 CJR 1.1-Dichloroethane < 0.30.3 0.97524.2 ug/l 8/25/2014 CJR 1,1-Dichloroethene < 0.31 ug/1 0.31 0.99 524.2 8/25/2014 CJR 1 cis-1,2-Dichloroethene < 0.32 0.32 524.2 ug/l 1 8/25/2014 CJR trans-1,2-Dichloroethene < 0.25 0.25 ug/f 0.8 524.2 8/25/2014 CJR 1,2-Dichloropropane < 0.32 0.32 ug/l 1 524.2 8/25/2014 CJR 2,2-Dichloropropane < 0.45 0.45 524.2 ug/l 1.4 8/25/2014 CJR 1,3-Dichloropropane < 0.26 0.26 524.2 0.82 ug/l 8/25/2014 CJR trans-1,3-Dichloropropene < 0.22 ug/l 0.22 0.69 524.2 8/25/2014 CJR cis-1,3-Dichloropropene < 0.2 ug/l 0.2 0.63 524.2 8/25/2014 CJR 1,1-Dichloropropene < 0.34 ug/l 0.34 524.2 1.1 8/25/2014 CJR Ethylbenzene < 0.27 ug/l 0.27 0.86 į 524.2 8/25/2014 CJR Hexachlorobutadiene < 0.48 ug/l 0.48 1.5 524,2 8/25/2014 CJR Isopropylbenzene < 0.3 0.3 0.96 ug/l 1 524.2 8/25/2014 CJR p-Isopropyltoluene < 0.30.3 0.94 524.2 8/25/2014 ug/l CJR Methylene chloride < 0.35 ug/l 0.35 1.1 524.2 8/25/2014 1 CJR Methyl tert-butyl ether (MTBE) < 0.26 ug/l 0.26 0.82524.2 8/25/2014 CJR Naphthalene < 0.49 ug/l 0.49 1.6 524.2 8/25/2014 CJR Styrene < 0.23ug/l 0.230.721 524.2 8/25/2014 CJR 1.1,2,2-Tetrachloroethane < 0.45 ug/l 0.45 1.4 ł 524.2 CJR 8/25/2014 1.1.1.2-Tetrachloroethane < 0.29ug/l 0.29 0.91 524.2 8/25/2014 CJR Tetrachloroethene < 0.27 0.27 0.85 ug/l 524,2 8/25/2014 CJR Toluene < 0.24ug/l 0.24 0.751 524.2 8/25/2014 CJR 1,2,4-Trichlorobenzene < 0.24 0.24 ug/l 0.76 524.2 8/25/2014 CJR 1,1,1-Trichloroethane < 0.33 ug/l 0.33524.2 8/25/2014 CJR 1,1,2-Trichloroethane < 0.34 0.34 ug/l 1.1 524.2 8/25/2014 CJR Trichloroethene (TCE) < 0.3 0.3 0.96524.2 ug/l 8/25/2014 CJR Trichlorofluoromethane < 0.26 0.26 0.84 ug/l 524.2 8/25/2014 CJR 1,2,3-Trichtoropropane < 0.91 0.91 2.9 524.2 ug/l 8/25/2014 CJR Trichlorotrifluorocthane < 0.41 ug/l 0.41 1.3 524.2 8/25/2014 CJR 1,2,4-Trimethylbenzene < 0.31ug/I 0.31 0.98 1 524.2 8/25/2014 CJR 1,3,5-Trimethylbenzene < 0.26 ug/l 0.26 0.83 Ì 524.2 8/25/2014 CJR Vinyl Chloride < 0.18 ug/l 0.57 0.18 524.2 1 8/25/2014 CJR m&p-Xylene < 0.69 ug/l 0.69 2.2 ł 524.2 8/25/2014 CJR 1 o-Xylene < 0.25 0.25 0.79 ug/l 1 524.2 8/25/2014 CJR

Project Name GREENFIELD PROPERTY Invoice # E27507
Project #

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

Authorized Signature

Michael Ricker

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Quote No:

Account No. : abilD:#

Project #:

Sampler: (algranum)

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

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

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1990 Prospect Ct. * Appleton, WI 54914

920-830-2455 * FAX 920-733-0631

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Sample Handling Request

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

Normal Turn Around

Other Analysis 8-FICHA METALS AOC (EBY 8580) NOC DW (EPA 642.2) TOTAL SUSPENDED SOLIDS SULFATE Analysis Requested $\times \times \times \times \times$ $\times \times$ PYOC + NAPHTHALENE Comments/Special Instructions ("Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.) PVOC (EPA 8021) × X (0728 A93) HA9 OIL & GREASE **BTIRTIN/BTARTIN** DA,31 × × (26 qa2 ORD boM) ORB (86 q98 ORG boM) ORG A September 1 Preservation Sample Type (Matrix)* Containers No. o. Filtered Z City State Zip Comp Grat Company Address Phone FAX 10.95 0 3 7.15 2 WILLIAM 10:35 136 Z. Date Time Collection こともうべ Sample I.D. 5-1-20 0-1-20 0-1-1-20 アナイン 5.83 Project (Name / Location): 200 Š Ð Labin City State Zip Reports To: Сотрапу Address Phone FAX

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Synergy Environmental Lab,

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

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Report Date 16-Sep-15

Project Name GREENFIELD PROPERTY

Project #

Lab Code 5029597A

Sample ID MEOH BLANK

Sample Matrix Soil **Sample Date** 9/1/2015

•	Result	Unit	LOD I	LOQ D	il	Method	Ext Date	Run Date	Analyst	Code
Organic				-					,	
GRO/PVOC + Naphthaler	ne									
Gasoline Range Organics	< 10	mg/kg	1.8	5.8	J	GRO95/8021		9/14/2015	CJR	1
Benzene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		9/14/2015	CJR	i
Ethylbenzene	< 0.025	mg/kg	0.014	0.045	ı	GRO95/8021		9/14/2015	CJR	i
Methyl tert-butyl cther (MTBE)	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		9/14/2015	CJR	1
Naphthalene	< 0.025	mg/kg	0.0094	0.03	- 1	GRO95/8021		9/14/2015	CJR	ī
Toluene	< 0.025	mg/kg	0.015	0.048	1	GRO95/8021		9/14/2015	CJR	i
1,2,4-Trimethylbenzene	< 0.025	mg/kg	110.0	0.036	1	GRO95/8021		9/14/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.012	0.038	I	GRO95/8021		9/14/2015	CJR	i
m&p-Xylene	< 0.05	mg/kg	0.023	0.074	I	GRO95/8021		9/14/2015	CJR	l
o-Xvlene	< 0.025	mg/kg	0.024	0.078	- 1	GRO95/8021		9/14/2015	CIR	1

Project Name

GREENFIELD PROPERTY

Invoice # E29597

Project #

Lab Code Sample ID

5029597B

Sample ID MW-1-2

Sample Matrix Soil Sample Date 9/1/2015

	Result	Unit	LOD	LOO	Dil	Method	Ext Date	Run Date	Analyet	Codo
General							Ext Date	Run Date	Analyst	Code
General										
Solids Percent	88.7	%			7	5021		81212015	~	
Inorganic					•	3021		8/3/2015	SLH	ı
Metals										
TCLP Lead	< 0.45	mg/l	0.45			6010B		0.5.5		
Organic	V		0.43			00100		9/6/2015	ESC	1
General										
Diesel Range Organics	66.8	mg/kg	1.43	4.54		DRO95		0.00.00.		
GRO/PVOC + Naphthaler	ne		1.15	1.54	,	DROSS		9/8/2015	MDK	ł
Gasoline Range Organics	550	mg/kg	18	58	10	GRO95/8021		0/15/2015	CIP	
Benzene	0.98	mg/kg	0.14	0.46	10	GRO95/8021		9/15/2015	CJR	!
Ethylbenzene	5.5	mg/kg	0.14	0.45	10	GRO95/8021		9/15/2015	CJR	Ĭ.
Methyl tert-butyl ether (MTBE)	< 0.25	mg/kg	0.13	0.41	10	GRO95/8021		9/15/2015	CJR	1
Naphthalene	6.5	mg/kg	0.094	0.3	10	GRO95/8021		9/15/2015	CJR	
Toluene	1.62	mg/kg	0.074	0.48	10			9/15/2015	CJR	ł
1,2,4-Trimethylbenzene	45	mg/kg	0.13			GRO95/8021		9/15/2015	CJR	1
1,3,5-Trimethylbenzene	14.4			0.36	10	GRO95/8021		9/15/2015	CJR	1
m&p-Xylene	18.9	mg/kg	0.12	0.38	10	GRO95/8021		9/15/2015	CJR	ļ
o-Xylene	0.51 "J"	mg/kg	0.23	0.74	10	GRO95/8021		9/15/2015	CJR	I
•		mg/kg	0.24	0.78	10	GRO95/8021		9/15/2015	CJR	i
"J" Flag: Analyte detected	between LOD and	001	IΩI	D. Limita	SF Dat	untina	1001		_	

J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code

Comment

1

Laboratory QC within limits.

ESC denotes sub-contract lab - Certification #998093910

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

Authorized Signature

Michael Ricker

STODY RECORD CHAIN OF

Synergy

The second secon

Quote No.:

Account Na. Labio II

Project 117

Sampler Isgratue

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

30.4 Chain # 🔃

Page tof

Sample Handling Request

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

Project (Name Location): Crear Field 100 20 17	Proparty			Ång	Analysis Requested	edues	þ			Physical Library	Other Analysis	weie
Reports To: Glandown Green field	Involva To: Grando	1 Stagentia	700									7.010
Company 11828 W Rack River Read Company (10 ME	Company C/O M	- h-						ţ				
Address	Address 709 6:1	etto 4 5	t 3	20.10.2000			-	OTO				
City State Zty Milly Dut, WI 53963	Oiry State Zip Car O	256. 101	57803				TEME			P		
Phone (920) 346-5152	Phone (669) 751	-28 XX			Ξ	•				72		
FAX	FAX	8893			E∀≳		⊣d∀l	3481		7-,		à
Lab ID Sample I.D. Collection C	Grab Filtercol	No of Sample Type (Makra)*	ale Preservation *1'	E∀D 3±Q (W° 0±0 (W°	STARTIV RO & JIC	oce WHIEBY	YOC (EF 1 + DOV TATIO:	OTAL SI	OC (EPA	110]		<u> </u>
30295771 NEW BONK 91.	The state of the s		* Coil	<u>بر</u>)	1	×	L I				
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Comments/Special Instructions (*Specify groundwater "GW", Drinking Wat	rater "GW", Drinking Wate	c "DW". Waste Wi	er "DW". Waste Water "WW", Soil "S", Air "A", Oil Studio ato	Air "A" O	1 5	of of o		i i		J	Andrewski Silverson in the second Silverson States	Walson Commission
hab to savd copy of reflect to MET	ent to METC	0			"))	? } }						

ucc Notes Agent Status

Relinquished Syrtsign)

Sample integrity - To be completed by receiving lab. Temp. of Temp. Blank ______COn ice Method of Shipmant: Desch

Cooler seal intact upon receipt: X Yes No

Date

Time

Received By: (sign)

Time: Octobal

Received in Laboratory By: (

Synergy Environmental Lab,

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

Invoice # E29748

GLENDON GREENFIELD GLENDON GREENFIELD N2828 W. ROCK RIVER ROAD **WAUPUN**, WI 53963

Report Date 22-Oct-15

Project Name GREENFIELD PROPERTY

Project #

Lab Code 5029748A Sample ID PW N2828

Sample Matrix Water

Organic VOC's Service Servic	Sample Date	9/23/2015										
VOC's Senzere < 0.44	-		Result	Unit	LOD I	.00 1	λiΙ	Method	Ext Date	Run Date	Analyst	Code
Benzene	Organic								23.0 2 4.00	run Dutt	1 mining 3 t	Couc
Bromobenzene	· ·											
Bromobenzene	Benzene		< 0.44	uø/ł	0 44	14	1	\$260B		10/1/2015	CIP	1
Bromofichloromethane	Bromobenzene			_			i					1
Bromoforn	Bromodichloromet	hane					i					j
Lett-Butylbenzene	Bromoform		< 0.46	_			1					1
Sec-Bulylbenzene	tert-Butylbenzene		< 1.1				i					1
R-Butylbenzene	sec-Butylbenzene		< 1.2				i					1
Carbon Tetrachloride	n-Butylbenzene		<]				1					ì
Chlorobenzene	Carbon Tetrachlorid	le	< 0.51		0.51		i					1
Chloroethane	Chlorobenzene		< 0.46				i					i
Chloroform	Chloroethane		< 0.65				i					i
Chloromethane	Chloroform		< 0.43	_			i					ı I
2-Chlorotoluene	Chloromethane		< 1.9	-			ì					1
4-Chlorotoluene	2-Chlorotoluene		< ().4				i					1
1,2-Dibromo-3-chloropropane	4-Chlorotoluene		< 0.63				į					1
Dibromochloromethane < 0.45 ug/l 0.45 1.4 1 8260B 10/1/2015 CJR 1 1,4-Dichlorobenzene < 0.49	1,2-Dibromo-3-chlo	горгорапе	< 1.4		1.4		i					1
1,4-Dichlorobenzene < 0.49	Dibromochlorometh	iane	< 0.45				i					1
1,3-Dichlorobenzene	1,4-Dichlorobenzen	e	< ().49	-			Ĺ					1
1,2-Dichlorobenzene < 0.46	1,3-Dichlorobenzen	e	< 0.52				1					1
Dichlorodifluoromethane	1,2-Dichlorobenzen	e	< 0.46	_			Ī					Ī
1,2-Dichloroethane < 0.48	Dichlorodifluorome	thane	< 0.87	_			1					1
1,1-Dichloroethane < 1.1	1,2-Dichloroethane		< 0.48		0.48		1					ì
1,1-Dichloroethene < 0.65	1,1-Dichloroethane		< 1.1				i					1
cis-1,2-Dichloroethene < 0.45 ug/l 0.45 1.4 1 8260B 10/1/2015 CJR 1 trans-1,2-Dichloroethene < 0.54 ug/l 0.54 1.7 1 8260B 10/1/2015 CJR 1 1,2-Dichloropropane < 0.43 ug/l 0.43 1.37 I 8260B 10/1/2015 CJR 1 2,2-Dichloropropane < 3.1 ug/l 3.1 9.8 1 8260B 10/1/2015 CJR 1 1,3-Dichloropropane < 0.42 ug/l 0.42 1.3 1 8260B 10/1/2015 CJR 1 Di-isopropyl ether < 0.44 ug/l 0.44 1.4 1 8260B 10/1/2015 CJR 1 EDB (1,2-Dibromoethane) < 0.63 ug/l 0.63 2 1 8260B 10/1/2015 CJR 1 Ethylbenzene < 0.71 ug/l 0.71 2.3 1 8260B 10/1/2015 CJR 1	1,1-Dichloroethene		< 0.65	_			1					1
trans-1,2-Dichloroethene < 0.54 ug/l 0.54 1.7 1 8260B 10/1/2015 CJR 1 1,2-Dichloropropane < 0.43	cis-1,2-Dichloroethe	ne	< 0.45		0.45	1.4	1					i
1,2-Dichloropropane < 0.43	trans-1,2-Dichloroet	hene	< 0.54		0.54	1.7	1					i
2,2-Dichloropropane < 3.1	1,2-Dichloropropane	;	< 0.43									1
1,3-Dichloropropane < 0.42	2,2-Dichloropropane	;	< 3.1				i					i
Di-isopropyl ether < 0.44			< 0.42		0.42		i					Ī
EDB (1,2-Dibromoethane) < 0.63 ug/l 0.63 2 l 8260B 10/1/2015 CJR l Ethylbenzene < 0.71 ug/l 0.71 2.3 l 8260B 10/1/2015 CJR l Hexachlorobutadiene < 2.2 ug/l 2.2 7.1 l 8260B 10/1/2015 CJR l	Di-isopropyl ether		< 0.44		0.44		i				•	1
Ethylbenzene < 0.71 ug/l 0.71 2.3 1 8260B 10/1/2015 CJR I Hexachlorobutadiene < 2.2	EDB (1,2-Dibromoe	thane)	< 0.63				į					i
Hexachlorobutadiene <2.2 ug/l 2.2 7.1 l 8260B 10/1/2015 CJR I	Ethylbenzene	•	< 0.71				i					í I
10/11/2015 Cite	Hexachlorobutadiene	2	< 2.2				l					ì
	Isopropylbenzene		< 0.82	-			i			10/1/2015	CJR	i

WI DNR Lab Certification # 445037560

Page 1 of 10

Project #

Lab Code5029748ASample IDPW N2828Sample MatrixWater

Sample Date

9/23/2015

	Result	Unit	LOD I	OQ D	il	Method	Ext Date	Run Date	Analyst	Code
p-lsopropyltoluene	< 1.1	ug/l	1.1	3.5	ı	8260B		10/1/2015	CJR	ŀ
Methylene chloride	< 1.3	ug/i	1.3	4.2	1	8260B		10/1/2015	CJR	i
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	ĩ	8260B		10/1/2015	CJR	i
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		10/1/2015	CJR	i
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		10/1/2015	CJR	3
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		10/1/2015	CJR	i
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/1/2015	CJR	i
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		10/1/2015	CJR	i
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		10/1/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	I	8260B		10/1/2015	CJR	i
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		10/1/2015	CJR	i
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	l	8260B		10/1/2015	CJR	i
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		10/1/2015	CJR	i
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		10/1/2015	CJR	i
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/1/2015	CJR	i
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	i	8260B		10/1/2015	CJR	Ī
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		10/1/2015	CJR	i
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	ł	8260B		10/1/2015	CJR	i
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		10/1/2015	CJR	i
o-Xylene	< 0.9	ug/l	1 0. 9	2.9	ł	8260B		10/1/2015	CJR	i
SUR - 1,2-Dichloroethane-d4	93	REC %			1	8260B		10/1/2015	CJR	i
SUR - 4-Bromofluorobenzene	114	REC %			1	8260B		10/1/2015	CJR	i
SUR - Dibromofluoromethane	105	REC %			1	8260B		10/1/2015	CJR	i
SUR - Toluene-d8	106	REC %			1	8260B		10/1/2015	CJR	1

Invoice # E29748

Project Name GREENFIELD PROPERTY **Project #**

Lab Code5029748BSample IDMW-3Sample MatrixWaterSample Date9/23/2015

Sample Date	9/23/2015										
		Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyet	Codo
Inorganic				202	DUQ	-	Memou	DAI DAIC	Run Date	Anaiyst	Coue
Metals											
Lead, Dissolved		< 0.7	ug/L	0.7	2.5		i 7421		10/13/2015	CWT	1
Iron, Dissolved		0.03 "J"	mg/l	0.02	0.7	1	1 200.7		10/1/2015	CWT	1
Manganese, Dissolve	:d	107	ug/L	4.5	14.4	· i	200.7		10/1/2015	CWT	ì
Organic			-							0	•
PAH SIM											
Acenaphthene		- 0.00	,,								
Acenaphthylene		< 0.02	ug/l	0.02		1		9/29/2015	10/1/2015	MDK]
Anthracene		< 0.021	ug/l	0.021		ĺ		9/29/2015	10/1/2015	MDK	[
Benzo(a)anthracene		< 0.02	ug/l	0.02		1		9/29/2015	10/1/2015	MDK	1
Benzo(a)pyrene		< 0.019	ug/l	0.019		I		9/29/2015	10/1/2015	MDK	ì
Benzo(b)fluoranthene		< 0.019	ug/l	0.019]		9/29/2015	10/1/2015	MDK	1
Benzo(g,h,i)perylene	7	< 0.019	ug/l	0.019	0.062	i		9/29/2015	10/1/2015	MDK	ŧ
Benzo(k)fluoranthene		< 0.024 < 0.018	ug/l	0.024	0.078	!		9/29/2015	10/1/2015	MDK	ı
Chrysene			ug/l	0.018	0.057			9/29/2015	10/1/2015	MDK	ł
Dibenzo(a,h)anthracei		< 0.017	ug/l	0.017	0.054]		9/29/2015	10/1/2015	MDK	I
Fluoranthene	ne	< 0.025	ug/l	0.025	0.081	1		9/29/2015	10/1/2015	MDK	i
Fluorene		< 0.018	ug/i	0.018	0.057	!	M8270C	9/29/2015	10/1/2015	MDK	1
Indeno(1,2,3-cd)pyren		< 0.017	ug/l	0.017	0.054	1		9/29/2015	10/1/2015	MDK	1
I-Methyl naphthalene		< 0.018	ug/f	810.0	0.057	!	M8270C	9/29/2015	10/1/2015	MDK	I
2-Methyl naphthalene		< 0.018 0.021 "J"	ug/l	0.018	0.057	1		9/29/2015	10/1/2015	MDK	I
Naphthalene		0.021 J 0.031 "J"	ug/l	0.017	0.054	!	M8270C	9/29/2015	10/1/2015	MDK	1
Phenanthrene			ug/l	0.018	0.057	1		9/29/2015	10/1/2015	MDK]
Pyrene		< 0.017 < 0.018	ug/l	0.017	0.054	l i	M8270C	9/29/2015	10/1/2015	MDK	
•		< 0.018	ug/l	0.018	0.057	1	M8270C	9/29/2015	10/1/2015	MDK	1
VOC's											
Benzene		2.33	ug/l	0.44	1.4	1	8260B		10/1/2015	CJR	1
Bromobenzene		< 0.48	ug/l	0.48	1.5	- 1	8260B		10/1/2015	CJR	1
Bromodichloromethan	е	< 0.46	ug/l	0.46	1.5	ı	8260B		10/1/2015	CJR	1
Bromoform		< 0.46	ug/l	0.46	1.5	Ī	8260B		10/1/2015	CJR	ı
tert-Butylbenzene		< 1.1	ug/l	1.1	3.4	I	8260B		10/1/2015	CJR	ļ
sec-Butylbenzene		< 1.2	ug/I	1.2	3.8	1	8260B		10/1/2015	CJR	
n-Butylbenzene		< 1	ug/l	I	3.3	1	8260B		10/1/2015	CJR	1
Carbon Tetrachloride		< 0.51	ug/l	0.51	1.6	ł	8260B		10/1/2015	CJR	1
Chlorobenzene		< 0.46	ug/l	0.46	1.4	ı	8260B		10/1/2015	CJR	1
Chloroethane		< 0.65	ug/l	0.65	2.1	1	8260B		10/1/2015	CJR	1
Chloroform		< 0.43	ug/l	0.43	1.4	1	8260B		10/1/2015	CJR	1
Chloromethane		< 1.9	ug/l	1,9	6	1	8260B		10/1/2015	CJR	l
2-Chlorotoluene		< 0.4	ug/l	0.4	1.3	1	8260B		10/1/2015	CJR	1
4-Chlorotoluene		< 0.63	ug/l	0.63	2	}	8260B		10/1/2015	CJR	i
1,2-Dibromo-3-chlorop Dibromochforomethane		< 1.4	սջՊ	1.4	4.5	- 1	8260B		10/1/2015	CJR	
	3	< 0.45	ug/l	0.45	1.4	ļ	8260B		10/1/2015	CJR	i
1,4-Dichlorobenzene 1,3-Dichlorobenzene		< 0.49	ug/i	0.49	1.6	ı	8260B		10/1/2015	CJR	1
		< 0.52	ug/l	0.52	1.6	1	8260B		10/1/2015	CJR	i
1,2-Dichlorobenzene		< 0.46	ug/l	0.46	1.5	I	8260B		10/1/2015	CJR	1
Dichlorodifluoromethai	ne	< 0.87	ug/l	0.87	2.8	- 1	8260B		10/1/2015	CJR	1
1,2-Dichloroethane		< 0.48	ug/l	0.48	1.5	l	8260B		10/1/2015	CJR	I
I, I-Dichloroethane		< 1.1	ug/l	1.1	3.6	1	8260B		10/1/2015	CJR	i
l,I-Dichloroethene cis-1,2-Dichloroethene		< 0.65	ug/l	0.65	2.1	[8260B		10/1/2015	CJR	1
trans-1,2-Dichloroethen	_	< 0.45	ug/l	0.45	1.4	ı	8260B		10/1/2015	CJR	ł
1,2-Dichloropropane	e	< 0.54	ug/ł	0.54	1.7	į	8260B		10/1/2015	CJR	1
		< 0.43	ug/l	0.43	1.37]	8260B		10/1/2015	CJR	1
2,2-Dichloropropane		< 3.1	ug/l	3.1	9.8	ł	8260B		10/1/2015	CJR	1
Di-isopropyl ether		< 0.42	ug/l	0.42	1.3]	8260B		10/1/2015	CJR	1
	20)	< 0.44	ug/l	0.44	1.4	1	8260B		10/1/2015	CJR	1
EDB (1,2-Dibromoethar		< 0.63	ug/l	0.63	2	1	8260B		10/1/2015	CJR	1
Ethylbenzene Hexachlorobutadiene	().81 "J"	ug/l	0.71	2.3	1	8260B		10/1/2015	CJR	1
техасиногоризацене		< 2.2	ug/l	2.2	7.1	ı	8260B		10/1/2015	CJR	1

Project Name GREENFIELD PROPERTY **Project** #

Lab Code5029748BSample IDMW-3Sample MatrixWaterSample Date9/23/2015

•	Result	Unit	LOD I	oo r	il	Method	Ext Date	Run Date	Analyst	Code
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		10/1/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		10/1/2015	CJR	i
Methylene chloride	< 1.3	ug/l	1.3	4.2	l	8260B		10/1/2015	CJR	i
Methyl tert-butyl ether (MTBE)	< [.]	ug/l	1.1	3.7	1	8260B		10/1/2015	CJR	i
Naphthalene	< 1.6	ug/l	1.6	5.2	I	8260B		10/1/2015	CJR	i
n-Propylbenzene	< 0.77	ug/l	0.77	2.4]	8260B		10/1/2015	CJR	ì
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		10/1/2015	CJR	i
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		10/1/2015	CJR	i
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	i	8260B		10/1/2015	CJR	i
Toluene	1.33 "J"	ug/]	0.44	1.4	- 1	8260B		10/1/2015	CJR	i
1,2,4-Trichlorobenzene	< 1.7	ug/i	1.7	5.6	l	8260B		10/1/2015	CJR	i
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		10/1/2015	CJR	i
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		10/1/2015	CJR	i
1,1,2-Trichloroethane	< ().48	ug/l	0.48	1.52	ı	8260B		10/1/2015	CJR	i
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	- 1	8260B		10/1/2015	CJR	i
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		10/1/2015	CJR	i
1,2,4-Trímethylbenzene	< 1.6	ug/l	1.6	5	- 1	8260B		10/1/2015	CJR	ì
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		10/1/2015	CJR	i
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	- 1	8260B		10/1/2015	CJR	i
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		10/1/2015	CJR	i
o-Xylene	< 0.9	ug/l	0.9	2.9	l	8260B		10/1/2015	CJR	ì
SUR - 1,2-Dichloroethane-d4	100	REC %			- 1	8260B		10/1/2015	CJR	i
SUR - 4-Bromofluorobenzene	112	REC %			1	8260B		10/1/2015	CJR	i
SUR - Dibromofluoromethane	101	REC %			ı	8260B		10/1/2015	CJR	i
SUR - Toluene-d8	108	REC %			1	8260B		10/1/2015	CJR	1
Wet Chemistry										
General										
Nitrite Plus Nitrate, Dissolved	4.55	ma/l	0.13	() 42		262.0		0.05.000		
Sulfate, Filtered	40.5	mg/l	0.13	0.43	2	353.2		9/25/2015	MDK	1
Sanate, i mered	40.3	mg/l	0.0	2	2	300.0		10/20/2015	CWT	I

Project Name GREENFIELD PROPERTY

Project #

Lab Code

5029748C

Sample ID

MW-2

Sample Matrix Water Sample Date

9/23/2015

Sample Date 9/23/20										
	Result	Unit	LOD I	LOQ Di	il	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	< 0.7	ug/L	0.7	2.5	1	7421		10/13/2015	CWT	1
Iron, Dissolved	0.11 "J"	mg/l	0.02	0.7	i	200.7		10/13/2015	CWT	ı I
Manganese, Dissolved	181	ug/L	4.5	14.4	i	200.7		10/1/2015	CWT	ı İ
Organic	101	u _E L	1.5		٠	200.7		10/1/2013	CITT	•
_										
PAH SIM										
Acenaphthene	< 0.02	ug/l	0.02	0.064	1	M8270C	9/29/2015	10/1/2015	MDK	1
Acenaphthylene	< 0.021	ug/l	0.021	0.068	1	M8270C	9/29/2015	10/1/2015	MDK	t
Anthracene	< 0.02	ug/l	0.02	0.064	ł	M8270C	9/29/2015	10/1/2015	MDK	1
Benzo(a)anthracene	< 0.019	ug/l	0.019	0.062	!	M8270C	9/29/2015	10/1/2015	MDK	1
Benzo(a)pyrene	< 0.019	ug/l	0.019	0.062]	M8270C	9/29/2015	10/1/2015	MDK	I .
Benzo(b)fluoranthene Benzo(g,h,i)perylene	< 0.019	ug/l	0.019	0.062	1	M8270C	9/29/2015	10/1/2015	MDK	l
Benzo(k)fluoranthene	< 0.024 < 0.018	ug/l	0.024 0.018	0.078 0.057	l J	M8270C M8270C	9/29/2015	10/1/2015	MDK	J
Chrysene	< 0.013	ug/l	0.018	0.057	1	M8270C M8270C	9/29/2015	10/1/2015	MDK	ļ I
Dibenzo(a,h)anthracene	< 0.025	ug/l	0.017	180.0	ŀ	M8270C M8270C	9/29/2015 9/29/2015	10/1/2015	MDK	1
Fluoranthene	< 0.018	ug/l ug/l	0.023	0.057	i	M8270C	9/29/2015	10/1/2015 10/1/2015	MDK MDK	1
Fluorene	< 0.017	ug/l	0.018	0.057	1	M8270C M8270C	9/29/2015	10/1/2013	MDK	-
Indeno(1,2,3-cd)pyrene	< 0.017	ug/l	0.017	0.057	i	M8270C	9/29/2015	10/1/2015	MDK	1
l-Methyl naplithalene	< 0.018	ug/l	810.0	0.057	i	M8270C	9/29/2015	10/1/2015	MDK	i
2-Methyl naphthalene	< 0.017	ug/l	0.017	0.054	i	M8270C	9/29/2015	10/1/2015	MDK	i
Naphthalene	< 0.018	ug/l	0.018	0.057	i	M8270C	9/29/2015	10/1/2015	MDK	į
Phenanthrene	< 0.017	ug/l	0.017	0.054	i	M8270C	9/29/2015	10/1/2015	MDK	i
Pyrene	< 0.018	ug/l	0.018	0.057	1	M8270C	9/29/2015	10/1/2015	MDK	i
VOC's		_								•
Benzene	< 0.44	ug/l	0.44	1.4	ı	8260B		10/1/2015	CJR	
Bromobenzene	< 0.48	ug/l	0.48	1.5	i	8260B		10/1/2015	CJR	- 1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	i	8260B		10/1/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46		j	8260B		10/1/2015	CJR	i
tert-Butylbenzene	< 1.1	ug/l	1.1		Ī	8260B		10/1/2015	CJR	i
sec-Butylbenzene	< 1.2	ug/l	1.2		i	8260B		10/1/2015	CJR	i
n-Butylbenzene	<	սք/1	1		i	8260B		10/1/2015	CJR	i
Carbon Tetrachloride	< 0.51	ug/l	0.51		I	8260B		10/1/2015	CJR	i
Chlorobenzene	< 0.46	ug/l	0.46		1	8260B		10/1/2015	CJR	i
Chloroethane	< 0.65	ug/l	0.65	2.1	I	8260B		10/1/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	I	8260B		10/1/2015	CJR	I
Chloromethane	< 1.9	ug/l	1.9	6	l	8260B		10/1/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	I	8260B		10/1/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		10/1/2015	CJR	1 .
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		10/1/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45		I	8260B		10/1/2015	CJR	I
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	!	8260B		10/1/2015	CJR	ŧ
1,3-Dichlorobenzene	< ().52	ug/l	0.52		I	8260B		10/1/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46			8260B		10/1/2015	CJR	I
Dichlorodifluoromethane	< 0.87	ug/ł	0.87			8260B		10/1/2015	CJR	I
1,2-Dichloroethane	1.12 "J"	ug/l	0.48	1.5		8260B		10/1/2015	CJR	I
I,I-Dichloroethane	< 1.1	ug/l	1.1	3.6		8260B		10/1/2015	CJR	
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1		8260B		10/1/2015	CJR	I
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4		8260B		10/1/2015	CJR	!
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7		8260B	•	10/1/2015	CJR	I ·
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37		8260B		10/1/2015	CJR	ļ
2,2-Dichloropropane 1,3-Dichloropropane	< 3.1	ug/l	3.1	9.8		8260B		10/1/2015	CJR	I .
	< 0.42 < 0.44	ug/l	0.42	1.3		8260B		10/1/2015	CJR	I
Di-isopropyl ether EDB (1,2-Dibromoethane)		ug/l	0.44	1.4		8260B		10/1/2015	CJR	1
Ethylbenzene	< 0.63 < 0.71	ug/l	0.63	2		8260B		10/1/2015	CJR	I ,
Hexachlorobutadiene	< 0.71 < 2.2	ug/l ug/l	0.71 2.2	2.3 7.1		8260B 8260B		10/1/2015	CJR	1
readmorodulatione	~ 2.2	पर्नि≀र	4.4	7.1 i	•	0±00/D		10/1/2015	CJR	1

Invoice # E29748

Project Name GREENFIELD PROPERTY

Project #

Lab Code5029748CSample IDMW-2Sample MatrixWaterSample Date9/23/2015

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	Rest	ılt	Unit	LOD	LOQ	Di	il	Method	Ext Date	Run Date	Analyst	Code
Isopropylbenzene		< 0.82	ug/l	0.83			1	8260B		10/1/2015	CJR	1
p-lsopropyltoluene		< 1.1	ug/l	£.:	1 3.	5	1	8260B		10/1/2015	CJR	i
Methylene chloride		< 1.3	ug/l	1.3	3 4.	2	-1	8260B		10/1/2015	CJR	i
Methyl tert-butyl ether (MTBE)		< [.]	ug/l	1.1	J 3.	7	1	8260B		10/1/2015	CJR	1
Naphthalene		< 1.6	ug/l	1.6	5 5.	2	ı	8260B		10/1/2015	CJR	i
n-Propylbenzene		< 0.77	ug/l	0.77	7 2.	4]	8260B		10/1/2015	CJR	i
1,1,2,2-Tetrachloroethane		< 0.52	ug/l	0.52	2 1.	7	ĺ	8260B		10/1/2015	CJR	i
1,1,1,2-Tetrachloroethane		< 0.48	ug/l	0.48	3 1.	5	J	8260B		10/1/2015	CJR	i
Tetrachloroethene		< 0.49	ug/l	0.49) I.	5	1	8260B		10/1/2015	CJR	i
Toluene		< 0.44	ug/l	0.44	1.	4	I	8260B		10/1/2015	CJR	i
1,2,4-Trichlorobenzene		< 1.7	ug/l	1.7	5.1	5	1	8260B		10/1/2015	CJR	i
1,2,3-Trichlorobenzene		< 2.7	ug/l	2.7	8.6	5	1	8260B		10/1/2015	CJR	i
1,1,1-Trichloroethane		< 0.84	ug/l	0.84	2.	7	1	8260B		10/1/2015	CJR	i
1,1,2-Trichloroethane		< 0.48	ug/l	0.48	1.53	2	[8260B		10/1/2015	CJR	i
Trichloroethene (TCE)		< 0.47	ug/l	0.47	1.:	5	Τ	8260B		10/1/2015	CJR	i
Trichlorofluoromethane		< 0.87	ug/l	0.87	2.8	}	1	8260B		10/1/2015	CJR	Ì
1,2,4-Trimethylbenzene		< 1.6	ug/l	1.6	:	;	1	8260B		10/1/2015	CJR	i
I,3,5-Trimethylbenzene		< 1.5	ug/l	1.5	4.8	3	J	8260B		10/1/2015	CJR	i
Vinyl Chloride	•	< 0.17	ug/l	0.17	0.54	ļ	į	8260B		10/1/2015	CJR	i
m&p-Xylene		< 2.2	ug/l	2.2	6.9)	Τ	8260B		10/1/2015	CJR	İ
o-Xylene	•	< ().9	ug/l	0.9	2.5	}	1	8260B		10/1/2015	CJR	į
SUR - Dibromofluoromethane	104		REC %				1	8260B		10/1/2015	CJR	i
SUR - Toluene-d8	107		REC %				1	8260B		10/1/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	98		REC %				1	8260B		10/1/2015	CJR	1
SUR - 4-Bromofluorobenzene	115		REC %				1	8260B		10/1/2015	CJR	i
Wet Chemistry												
General												
Nitrite Plus Nitrate, Dissolved	2.15		mg/l	0.13	0.43		1	353.2		9/25/2015	MDK	1
Sulfate, Filtered	83.7		mg/l	0.6	2		2	300.0		10/20/2015	CWT	i

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Project Name GREENFIELD PROPERTY

Project #

Lab Code Sample ID Sample Matrix Water

5029748D MW-1

Sample Date 9/23/2015

Sample Date	9/23/2015										
		Result	Unit	LOD	LOQ I	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved		< 0.7	ug/L	0.7	2.5	J	7421		10/13/2015	CWT	1
Iron, Dissolved		0.62 "J"	mg/l	0.02	0.7	1	200.7		10/1/2015	CWT	1
Manganese, Dissolved	d	105	ug/L	4.5	14.4	1	200.7		10/1/2015	CWT	Ī
Organic			J								
PAH SIM											
		- 0		2		100	M8270C	0/20/2016	10/2/2015	MOM	
Acenaphthene Acenaphthylene		< 2 < 2.1	ug/l	2 2.1	6.4 6.8		M8270C M8270C	9/29/2015 9/29/2015	10/3/2015 10/3/2015	MDK MDK	i I
Anthracene		< 2	ug/l ug/l	2.1	6.4		M8270C M8270C	9/29/2015	10/3/2015	MDK	1
Benzo(a)anthracene		< 1.9	ug/l	1.9	6.2		M8270C M8270C	9/29/2015	10/3/2015	MDK	}
Benzo(a)pyrene		< 1.9	ug/i	1.9	6.2		M8270C	9/29/2015	10/3/2015	MDK	i
Benzo(b)fluoranthene		< 1.9	ug/l	1.9	6.2		M8270C	9/29/2015	10/3/2015	MDK	i
Benzo(g,h,i)perylene		< 2.4	ug/l	2.4	7.8		M8270C	9/29/2015	10/3/2015	MDK	j
Benzo(k)fluoranthene		< 1.8	ug/l	1.8	5.7	100	M8270C	9/29/2015	10/3/2015	MDK	1
Chrysene		< 1.7	ug/l	1.7	5.4	100	M8270C	9/29/2015	10/3/2015	MDK	1
Dibenzo(a,h)anthracei	ne	< 2.5	ug/l	2.5	8.1	100	M8270C	9/29/2015	10/3/2015	MDK	1
Fluoranthene		< 1.8	ug/l	1.8	5.7	100	M8270C	9/29/2015	10/3/2015	MDK	1
Fluorene		< 1.7	ug/l	1.7	5.4	100	M8270C	9/29/2015	10/3/2015	MDK	i
Indeno(1,2,3-cd)pyrer		< 1.8	ug/l	1.8	5.7		M8270C	9/29/2015	10/3/2015	MDK	1
I-Methyl naphthalene		71	ug/l	1.8	5.7		M8270C	9/29/2015	10/3/2015	MDK	I
2-Methyl naphthalene		120	ug/l	1.7	5.4		M8270C	9/29/2015	10/3/2015	MDK	!
Naphthalene		350	ug/l	1.8	5.7		M8270C	9/29/2015	10/3/2015	MDK	!
Phenanthrene		< 1.7	ug/l	1.7	5.4		M8270C	9/29/2015	10/3/2015	MDK	!
Pyrene		< 1.8	ug/l	1.8	5.7	100	M8270C	9/29/2015	10/3/2015	MDK	!
VOC's											
Benzene		< 22	ug/l	22	70	50	8260B		10/1/2015	CJR	1
Bromobenzene		< 24	ug/l	24	75	50	8260B		10/1/2015	CJR	
Bromodichloromethan	ie.	< 23	ug/l	23	75	50	8260B		10/1/2015	CJR	ŀ
Bromoform		< 23	ug/l	23	75	50	8260B		10/1/2015	CJR	1
tert-Butylbenzene		< 55 < 60	ug/l	55 60	170 190	50 50	8260B 8260B		10/1/2015 10/1/2015	CJR CJR	- 1
sec-Butylbenzene n-Butylbenzene		- 98 °J"	ug/l ug/l	50	165	50	8260B		10/1/2015	CJR	1
Carbon Tetrachloride		< 25.5	ug/l	25.5	80	50	8260B		10/1/2015	CJR	1
Chlorobenzene		< 23	ug/l	23	70		8260B		10/1/2015	CJR	i
Chloroethane		< 32.5	ug/l	32.5	105	50	8260B		10/1/2015	CJR	i
Chloroform		< 21.5	ug/l	21.5	70	50	8260B		10/1/2015	CJR	1
Chloromethane		< 95	ug/l	95	300	50	8260B		10/1/2015	CJR	- 1
2-Chlorotoluene		< 20	ug/l	20	65	50	8260B		10/1/2015	CJR	ı
4-Chlorotoluene		< 31.5	ug/f	31.5	100	50	8260B		10/1/2015	CJR	1
1,2-Dibromo-3-chlorop	propane	< 70	ug T	70	225		8260B		10:1/2015	CJR	1
Dibromochloromethan	e	< 22.5	ug. I	22.5	70	50	8260B		10/1/2015	CJR	1
1,4-Dichlorobenzene		< 24.5	ug/l	24.5	80		8260B		10/1/2015	CJR	I
1,3-Dichlorobenzene		< 26	ug/l	26	80		8260B		10/1/2015	CJR	1
1,2-Dichlorobenzene		< 23	ug/l	23	75		8260B		10/1/2015	CJR	1
Dichlorodifluorometha	ine	< 43.5	ug/l	43.5	140		8260B		10/1/2015	CJR	- !
1,2-Dichloroethane		· < 24	ug/l	24	75		8260B		10/1/2015	CJR	1
I,I-Dichloroethane I,I-Dichloroethene		< 55 < 32.5	ug/l ug/l	55 32.5	180 105		8260B 8260B		10/1/2015 10/1/2015	CJR CJR	1
cis-1,2-Dichloroethene		< 22.5	ug/I ug/I	22.5	70		8260B		10/1/2015	CJR	i
trans-1,2-Dichloroethe		< 27	ug/l	27	85		8260B		10/1/2015	CJR	1
1,2-Dichloropropane	iic.	< 21.5	ug/l	21.5	68.5		8260B		10/1/2015	CJR	i
2,2-Dichloropropane		< 155	ug/l	155	490		8260B		10/1/2015	CJR	i
1,3-Dichloropropane		< 21	ug/l	21	65		8260B		10/1/2015	CJR	1
Di-isopropyl ether		< 22	ug/l	22	70		8260B		10/1/2015	CJR	i
EDB (1,2-Dibromoetha	me)	< 31.5	ug/l	31.5	100		8260B		10/1/2015	CJR	T
Ethylbenzene	•	580	ug/l	35.5	115		8260B		10/1/2015	CJR	l l
Hexachlorobutadiene		< 110	ug/l	110	355		8260B		10/1/2015	CJR	ì
			2								

Project Name GREENFIELD PROPERTY

Project #

Lab Code 5029748D Sample ID MW-1 Sample Matrix Water Sample Date 9/23/2015

	Result	Unit	LOD I	LOQ 1	Dil	Method	Ext Date	Run Date	Analyst	Code
Isopropylbenzene	87 "J"	ug/l	41	130	50	8260B		10/1/2015	CJR	1
p-Isopropyltoluene	< 55	ug/l	55	175	50	8260B		10/1/2015	CJR	ł
Methylene chloride	< 65	ug/l	65	210	50	8260B		10/1/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 55	ug/l	55	185	50	8260B		10/1/2015	CJR	I
Naphthalene	630	ug/l	80	260	50	8260B		10/1/2015	CJR	1
n-Propylbenzene	312	ug/l	38.5	120	50	8260B		10/1/2015	CJR	l
1,1,2,2-Tetrachloroethane	< 26	ug/l	26	85	50	8260B		10/1/2015	CJR	J
1,1,1,2-Tetrachloroethane	< 24	ug/l	24	75	50	8260B		10/1/2015	CJR	1
Tetrachloroethene	< 24.5	ug/l	24.5	75	50	8260B		10/1/2015	CJR	i
Toluene	< 22	ug/l	22	70	50	8260B		10/1/2015	CJR	1
I,2,4-Trichlorobenzene	< 85	ug/l	85	280	50	8260B		10/1/2015	CJR	1
1,2,3-Trichlorobenzene	< 135	ug/l	135	430	50	8260B		10/1/2015	CJR	1
1,1,1-Trichloroethane	< 42	ug/l	42	135	50	8260B		10/1/2015	CJR	i
1,1,2-Trichloroethane	< 24	ug/l	24	76	50	8260B		10/1/2015	CJR	1
Trichloroethene (TCE)	< 23.5	ug/l	23.5	75	50	8260B		10/1/2015	CJR	1
Trichlorofluoromethane	< 43.5	ug/l	43.5	140	50	8260B		10/1/2015	CJR	1
1,2,4-Trimethylbenzene	2540	ug/l	80	250	50	8260B		10/1/2015	CJR	1
1,3,5-Trimethylbenzene	610	ug/l	75	240	50	8260B		10/1/2015	CJR	1
Vinyl Chloride	< 8.5	ug/l	8.5	27	50	8260B		10/1/2015	CJR	I
m&p-Xylene	3300	ug/l	110	345	50	8260B		10/1/2015	CJR	1
o-Xylene	< 45	ug/l	45	145	50	8260B		10/1/2015	CJR	- 1
SUR - 1,2-Dichloroethane-d4	96	REC %			50	8260B		10/1/2015	CJR	1
SUR - 4-Bromofluorobenzene	111	REC %			50	8260B		10/1/2015	CJR]
SUR - Dibromofluoromethane	107	REC %			50	8260B		10/1/2015	CJR	1
SUR - Toluene-d8	107	REC %			5()	8260B		10/1/2015	CJR	1
Wet Chemistry										
General										
Nitrite Plus Nitrate, Dissolved	0.146 "J"	mg/l	0.13	0.43	i	353.2		9/25/2015	MDK	1
Sulfate, Filtered	7.22	mg/l	0.6	2	2	300.0		10/20/2015	CWT	I

Project Name GREENFIELD PROPERTY **Project** #

Lab Code

5029748E

Sample ID

TB

Sample Matrix Water Sample Date 9/23/2015

Organic VOC's Senzoe S	Sample Date 9/23/201										
Benzene	~ ·	Result	Unit	LOD	LOQ D	li	Method	Ext Date	Run Dat	e Analyst	Code
Benzence	-										
Bromodeitzene	VOC's										
Bromodeinzene	Benzene	< 0.44	ug/l	0.44	14	1	8260B		10/1/2015	CIR	r
Bromodichloramethane	Bromobenzene	< 0.48									•
Bromoform	Bromodichloromethane										-
Test-Butylbenzene	Bromoform										-
Sec-Butylbenzene	tert-Butylbenzene										1
Carbon Tetrachloride			-								1
Carbon Tetrachloride	n-Butylbenzene										1
Chlorobenzene	Carbon Tetrachloride		_	-		-					1
Chlorochane	Chlorobenzene					-					1
Chioroform	Chloroethane										l 1
Chloromethane	Chloroform		_								-
2-Chlorotoluene	Chloromethane	< 1.9	_								1
A-Chlorotoluene	2-Chlorotoluene	< 0.4	_								,
1.2-Dichlorome-3-chloropropane	4-Chlorotoluene	< ().63				. `					1
Dibromochloromethane	1,2-Dibromo-3-chloropropane										;
1.4-Dichlorobenzene											
1.3-Dichlorobenzene	1,4-Dichlorobenzene										-
1.2-Dichloroethane	1,3-Dichlorobenzene										1
Dichlorodifiluoromethane	1,2-Dichlorobenzene										1
1.2-Dichloroethane	Dichlorodifluoromethane										1
1.1-Dichloroethane	1,2-Dichloroethane		-								1
1.1-Dichloroethene	1,1-Dichloroethane		_								1
Cis-1.2-Dichloroethene	L.I-Dichloroethene										1
trans-1,2-Dichloroethene	cis-1,2-Dichloroethene	< 0.45									1
1,2-Dichloropropane	trans-1,2-Dichloroethene										1
2,2-Dichloropropane	1,2-Dichloropropane	< 0.43									:
1,3-Dichloropropane	2,2-Dichloropropane	< 3.1	-								i
Di-isopropyl ether	1,3-Dichloropropane	< 0.42									1
EDB (1,2-Dibromoethane)		< 0.44									
Ethylbenzene	EDB (1,2-Dibromoethane)	< 0.63	-								1
Hexachlorobutadiene	Ethylbenzene	< 0.71	_								
Isopropylbenzene	Hexachlorobutadiene	< 2.2	_	2.2							ī
P-Isopropyltoluene	Isopropylbenzene	< 0.82	ug/l	0.82	2.6						i
Methylene chloride < 1.3 ug/l 1.3 4.2 1 8260B 10/1/2015 CJR 1 Methyl tert-butyl ether (MTBE) < 1.1	p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1 83	260B				i
Methyl tert-butyl ether (MTBE) < 1.1		< 1.3	ugal	1.3	4.2	1 82	260B				i
Naphthalene < 1.6 ug/l 1.6 5.2 1 8260B 10/1/2015 CJR 1 n-Propylbenzene < 0.77		< 1.1	ug/J	1.1	3.7	1 82	260B				i
n-Propylbenzene		< 1.6	นg/1	1.6	5.2	1 82	260B				1
1.1,2,2-Tetrachloroethane		< 0.77	ug/I	0.77	2.4	1 82	260B				ì
1.1.1.2-1etrachloroethane		< 0.52	ug/l	0.52	1.7	1 82	:60B				i
Toluene < 0.44 ug/l 0.44 1.4 8260B 10/1/2015 CJR 1.2,4-Trichlorobenzene < 1.7 ug/l 1.7 5.6 8260B 10/1/2015 CJR 1.2 3 Trichlorobenzene 2.7 0.4 1.7 1.			ug l	0.48	1.5	1 82	60B				İ
1.2.4-Trichlorobenzene < 1.7 ug/l 1.7 5.6 l 8260B 10/1/2015 CJR l			սջժ	0.49	1.5	1 82	60B		10/1/2015	CJR	i
12.3 Trichloroboromo			ug/l	().44	1.4	1 82	60B		10/1/2015	CJR	1
-1.2.3-Tuchlorobenzene < 2.7 und 2.7 % 1 92405			ug/l	1.7	5.6	1 82	60B		10/1/2015	CJR	ı
-5		< 2.7	ug/J	2.7		1 82	60B		10/1/2015	CJR	ļ
1,1,1-Trichloroethane < 0.84 ug/l 0.84 2.7 l 8260B 10/1/2015 CJR l			ug/l	0.84	2.7	1 82	60B		10/1/2015	CJR	1
1,1,2-Trichforoethane < 0.48 ug/l 0.48 l.52 l 8260B l0/1/2015 CJR l				0.48	1.52	I 82	60B		10/1/2015		1
Trichloroethene (TCE) < 0.47 ug/l 0.47 l.5 l 8260B 10/1/2015 CJR l					1.5	1 82	60B		10/1/2015	CJR	1
Trichlorofluoromethane < 0.87 ug/l 0.87 2.8 ! 8260B 10/1/2015 CJR !			ug/l	0.87	2.8				10/1/2015	CJR	1
1.2.4-Trimethylbenzene < 1.6 ug/l 1.6 5 l 8260B 10/1/2015 CJR			սը/[1.6		1 82	60B		10/1/2015	CJR	1
1.3,5-Trimethylbenzene < 1.5 ug/l 1.5 4.8 l 8260B 10/1/2015 CJR 1			ug/l	1.5	4.8	1 82	60B		10/1/2015	CJR	1
Vinyl Chloride < 0.17 ug/l 0.17 0.54 8260B 10/1/2015 CJR									10/1/2015		1
m&p-Xylene < 2.2 ug/l 2.2 6.9 l 8260B 10/1/2015 CJR l									10/1/2015		1
o-Xylene <0.9 ug/l 0.9 2.9 l 8260B 10/1/2015 CJR I	•			0.9	2.9				10/1/2015	CJR	1
SUR - foluene-d8 106 REC % 1 8260B 10/1/2015 CJR 1									10/1/2015		ì
SUR - 1.2-Dichforoethane-d4 104 REC % I 8260B 10/1/2015 CJR I					1						1
SUR - 4-Bromolluorobenzene 113 REC % ! 8260B 10/1/2015 CJR					1						ł
SUR - Dibromofluoromethane 107 REC % 1 8260B 10/1/2015 CJR 1	SUK - Dibromoffuoromethane	107	REC %		I	1 820	50B		10/1/2015	CJR	1

Project Name GREE Project #

GREENFIELD PROPERTY

Invoice #

E29748

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code

1

Comment

Laboratory QC within limits.

CWT denotes sub contract lab - Certification #445126660

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

Authorized Signature

Michael Ricker

CHAIN OF STODY RECORD

SPACES

Ouote No.:

Account No. Lab I.D. #

Project #

Sampler, ragraziner Mr. D. Min.

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

Chain # 2 308 (

jo Page

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

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COD WW COD

* Agree Constant March March Conference

Sample Intentity To be completed by receiving sh	nquished By: (sign)	Tine	Date	d By: (sign) Time Date Received By: (sign) Time Date	Time	Date
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Synergy Environmental Lab,

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

GLENDON GREENFIELD GLENDON GREENFIELD N2828 W. ROCK RIVER ROAD WAUPUN, WI 53963

Report Date 30-Dec-15

Project Name GREENFIELD PROPERTY

Invoice # E30268

Project #

Lab Code 5030268A Sample ID N2828 PW Sample Matrix Water Sample Date 12/21/2015

Sample Date 12/2	21/2015									
	Result	Unit	LOD I	LOQ I)il	Method	Ext Date	Run Date	Analyst	Code
Inorganic				•					J	
Metals										
Lead, Dissolved	< 0.7	ug/L	0.7	2.5		7421		12/29/2015	CWT	1
Organic	***	" <i>&</i> 2	0.7	2.3	,	7721		12/29/2013	CWI	1
VOC's										
	.0.44									
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		12/28/2015	CJR	Ī
Bromobenzene Bromodichloromethane	< 0.48	ug/l	0.48	1.5	l.	8260B		12/28/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	i	8260B		12/28/2015	CJR	1
	< 0.46	ug/l	0.46	1.5	ı	8260B		12/28/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		12/28/2015	CJR	I
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	l	8260B		12/28/2015	CJR	1
n-Butylbenzene Carbon Tetrachloride	< [ug/l		3.3	Į	8260B		12/28/2015	ÇJR	i
Chlorobenzene	< 0.51	ug/l	0.51	1.6	į.	8260B		12/28/2015	CJR	1
Chloroethane	< 0.46	ug/l	0.46	1.4	. !	8260B		12/28/2015	CJR	1
Chloroform	< 0.65	ug/l	0.65	2.1	ı	8260B		12/28/2015	CJR	1
Chloromethane	< 0.43	ug/l	0.43	1.4	l i	8260B		12/28/2015	CJR	j
2-Chlorotoluene	< 1.9	ug/i	1.9	6		8260B		12/28/2015	CJR	I
4-Chlorotoluene	< 0.4	ug/l	0.4	1.3	l	8260B		12/28/2015	CJR	1
	< 0.63	ug/l	0.63	2	J	8260B		12/28/2015	CIR	i
1,2-Dibromo-3-chloroprop Dibromochloromethane		ug/l	1.4	4.5	ı	8260B		12/28/2015	CJR	1
	< 0.45	ug/l	0.45	1.4]	8260B		12/28/2015	CJR	i
1,4-Dichlorobenzene 1,3-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	ı	8260B		12/28/2015	CJR	1
*	< 0.52	ug/l	0.52	1.6	1	8260B		12/28/2015	CJR	i
1,2-Dichlorobenzene Dichlorodifluoromethane	< 0.46	ug/l	0.46	1.5	1	8260B		12/28/2015	CJR	1
	< 0.87	ug/l	0.87	2.8	!	8260B		12/28/2015	CJR	1
1,2-Dichloroethane	< 0.48	ug/l 	0.48	1.5	Į	8260B		12/28/2015	CJR	ı
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	i	8260B		12/28/2015	CJR	1
1.1-Dichloroethene	< 0.65	ug/l	0.65	2.1	ı	8260B		12/28/2015	CJR	- 1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	ì	8260B		12/28/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	ı	8260B		12/28/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/f	0.43	1.37	ŧ	8260B		12/28/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	1.6	9.8	ı	8260B		12/28/2015	CJR	ì
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		12/28/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	- 1	8260B		12/28/2015	CJR	1

Project #

Lab Code 5030268A Sample ID

N2828 PW

Sample Matrix Water Sample Date 12/21/2015

•	Result	Unit	LOD	LOQ D	il	Method	Ext Date	Run Date	Analyst	Code
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		12/28/2015	CJR	[
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		12/28/2015	CJR	ĺ
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		12/28/2015	CJR	i
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		12/28/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1. i	3.5	1	8260B		12/28/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		12/28/2015	CJR	ĺ
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		12/28/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	ŧ	8260B		12/28/2015	CJR	Ī
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		12/28/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		12/28/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		12/28/2015	CJR	ĺ
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	-1	8260B		12/28/2015	CJR]
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		12/28/2015	CJR	E
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	I	8260B		12/28/2015	CJR	i
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		12/28/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	- 1	8260B		12/28/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		12/28/2015	CJR	}
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	t	8260B		12/28/2015	CJR	[
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		12/28/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		12/28/2015	CJR	i
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	ı	8260B		12/28/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		12/28/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		12/28/2015	CJR	l
o-Xyfene	< 0.9	ug/l	0.9	2.9	l	8260B		12/28/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	101	REC %			1	8260B		12/28/2015	CJR	ŧ
SUR - 4-Bromofluorobenzene	115	REC %			1	8260B		12/28/2015	CJR	l l
SUR - Dibromofluoromethane	97	REC %			1	8260B		12/28/2015	CJR	1
SUR - Toluene-d8	102	REC %			i	8260B		12/28/2015	CJR	1

Lab Code Sample ID 5030268B

MW-2 Sample Matrix Water

Sample Date 12/21/2015

Sample Date 1.	2/21/2013										
		Result	Unit	LOD L	oq D	liC	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved		< 0.7	ug/L	0.7	2.5	1	7421		12/29/2015	CWT	1
Organic											
PVOC + Naphtha	lene										
Benzene		< 0.46	ug/l	0.46	1.5	1	GRO95/8021		12/25/2015	CJR	1
Ethylbenzene		< 0.73	ug/l	0.73	2.3	ì	GRO95:8021		12/25/2015	CJR	İ
Methyl tert-butyl ether	(MTBE)	< 0.49	ug/l	0.49	1.6	- 1	GRO95/8021		12/25/2015	CJR	i
Naphthalene		< 2.6	ug/l	2.6	8.3	I	GRO95/8021		12/25/2015	CJR	i
Tołuene		< (),39	ug/l	0.39	1,2	- 1	GRO95/8021		12/25/2015	CJR	i
1,2,4-Trimethylbenzene	2	< 0.68	ug/l	0.68	2.2	1	GRO95/8021		12/25/2015	CJR	I
1,3,5-Trimethylbenzene	•	< 0.83	ug/l	0.83	2.6	ì	GRO95/8021		12/25/2015	CJR	1
m&p-Xylene		< 1.4	ug/l	1.4	4.4	1	GRO95/8021		12/25/2015	CJR	į
o-Xylene		< 0.66	ug/l	0.66	2.1	ī	GRO95/8021		12/25/2015	CJR	l

Project Name **GREENFIELD PROPERTY** Invoice # E30268 Project # Lab Code 5030268C Sample ID MW-3 Sample Matrix Water Sample Date 12/21/2015 Result Unit LOD LOQ Dil Ext Date Run Date Analyst Code Method Inorganic Metals Lead, Dissolved < 0.7 0.7 ug/L 2.5 7421 1 12/29/2015 CWT Organic PVOC + Naphthalene Benzene < 0.46 0.46 GRO95/8021 ug/l 1.5 12/25/2015 CJR 1 Ethylbenzene < 0.73 0.73 ug/l 2.3 1 GRO95/8021 12/25/2015 CJR 1 Methyl tert-butyl ether (MTBE) < 0.49 0.49 GRO95/8021 ug/l 1.6 1 12/25/2015 CJR Naphthalene < 2.6 2.6 8.3 GRO95/8021 ug/i 1 12/25/2015 CJR Toluene < 0.39 ug/l 0.39 1.2 1 GRO95/8021 12/25/2015 CJR 1 1,2,4-Trimethylbenzene < 0.68 ug/l 0.68 2.2 GRO95/8021 ì 12/25/2015 CJR 1 1,3,5-Trimethylbenzene < 0.83 ug/l 0.83 2.6 GRO95/8021 1 12/25/2015 CJR i m&p-Xylene < 1.4 1.4 4.4 GRO95/8021 ug/l 1 12/25/2015 CJR o-Xylene < 0.66 0.66 2.1 GRO95/8021 ug/[12/25/2015 CJR 1 Lab Code 5030268D Sample ID MW-1 Sample Matrix Water Sample Date 12/21/2015 Result Unit LOD LOQ Dil Method Ext Date Run Date Analyst Code Inorganic Metals Lead, Dissolved < 0.7 0.7 ug/L 2.5 7421 12/29/2015 CWT [Organic PVOC + Naphthalene Benzene 8.9 "J" 10 GRO95/8021 ug/l 4.6 15 12/25/2015 CJR Ethylbenzene 450 ug/l 7.3 23 10 GRO95/8021 12/25/2015 CJR f Methyl tert-butyl ether (MTBE) < 4.9 4.9 16 GRO95/8021 ug/I 10 12/25/2015 CJR Naphthalene 420 26 83 GRO95/8021 ug/i 10 12/25/2015 CJR 1 Toluene 26.3 3.9 12 ug/l 10 GRO95/8021 12/25/2015 CJR 1,2,4-Trimethylbenzene 1720 ug/l 6.8 22 10 GRO95/8021 12/25/2015 CJR 1 1,3,5-Trimethylbenzene 460 ug/l 8.3 26 10 GRO95/8021 12/25/2015 CJR ł m&p-Xylene 2450 ug/I 14 44 10 GRO95/8021 12/25/2015 CJR 1 o-Xylene 36 ug/l 6.6 21 10 GRO95/8021 12/25/2015 CJR Į Lab Code 5030268E Sample ID TB Sample Matrix Water Sample Date 12/21/2015 Result Unit LOD LOO Dil Method Ext Date Run Date Analyst Code Organic PVOC + Naphthalene Benzene < 0.46 ug/l 0.46 1.5 1 GRO95/8021 12/24/2015 CJR Ethylbenzene < 0.73ug/l 0.73 2.3 GRO95/8021 12/24/2015 CJR 1 Methyl tert-butyl ether (MTBE) < 0.49 ug/i 0.49 1.6 GRO95/8021 1 12/24/2015 CJR 1 Naphthalene < 2.6 ug/l 2.6 8.3 I GRO95/8021 12/24/2015 CJR Toluene < 0.39 ug/ł 0.39 1.2 1 GRO95/8021 12/24/2015 CJR .]

2.2

2.6

4.4

2.1

1

GRO95/8021

GRO95/8021

GRO95/8021

GRO95/8021

0.68

0.83

1.4

0.66

ug/l

ug/l

ug/I

ug/l

1,2,4-Trimethylbenzene

1,3,5-Trimethylbenzene

m&p-Xylene

o-Xylene

< 0.68

< ().83

< 14

< 0.66

CJR

CJR

CJR

CJR

Τ

1

1

1

12/24/2015

12/24/2015

12/24/2015

12/24/2015

Project Name Project #

GREENFIELD PROPERTY

Invoice # E30268

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code

Comment

Laboratory QC within limits.

CWT denotes sub contract lab - Certification #445126660

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

Authorized Signature

Michael Ricker

CHAIN OF JSTODY RECORD

Lab 1.0. #

SO TOES

Chain # N2 286/ Page

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comments Special Instructions ("Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Studge etc.) $A = A + A + A + A + A + A + A + A + A + $	Instructions (*{	Specify groundwater "GW". Drinking Wate $A = A + B + B + C + C + C + C + C + C + C + C$	rater 'GW', D	inking Water ''D'	W", Waste Water	r WW". Soll "S"	oll "S", Air "A", C	is is	Studge etc.)	⊋ <	j.	5	200	(Invoice to METES	is in the second	() L	
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ime Received Byr (sign) 200 AN 12-22-15 Cate WIC Rates Apply * Agent Status Relinquiphod By (sign) Sample Integrity - To be completed by receiving lab Method of Shipment: DW-N

Received in Laboratory By Church

Temp. of Temp. Blank °C On lee 2
Cooler seal Infact upon receipt: Xyes No

Date: [2/23 / 15]

Time C.O.

Site Investigation Report - METCO Greenfield Property

APPENDIX C/ WELL AND BOREHOLE DOCUMENTATION

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

to Waste Grad-Distance 52 7 ient Ω Ω Stds. Enf. × Status Well ⋖ 11/mw 11/mw II/mw Type Well Screen Length 2 9 10 Well Depth Completed By (Name and Firm) 25 25 7, Jon Jensen/METCO Initial Groundwater Depths 11.37 18.14 14.4 Screen Top Remarks: 15 15 7 MSL Site Reference ٥٦ 4/12/2016 × × 3 Ground Surface License, Permit or Monitoring No. Date 917.56 919.15 917.51 48 Elevations Top of Well Casing (Check if estimated: 88 Long. 917.04 918.5810.716 Diam. Type Well Casing а α, 4 5 Grid Origin Location: Date Established 38 Facility ID Number 9/1/2015 9/1/2015 9/1/2015 Lat. 43 420115520 N W W × × × × × |X| Local Grid System Well Location 723363.78 337464.07 723440.07 337475.96 723360.96 337538.31 Greenfield Property - WI DOT Location Coordinates Are:

State Plane Coordinate

Northern

Central DNR Well ID Number Well Name MW-3 MW-2 MW-1 Facility Name Unique Well No VN744 VN745 VN746

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

ft. E. S/C/N Zone

Z 4

St. Plane

State of Wisconsin Department of Natural Resources Route to:	Watershed/Wastewater Was	ste Management [_]	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
GREATING VIOUCHY	Remediation/Redevelopment Oth	er	10,111 (100 1101)
Facility/Project Name	Local Grid Location of Well	ft. 🗆 E.	Well Name MW-/
w fack River Kd	ft	N UW.	Wis. Unique Well No. DNR Well ID No.
Facility License, Permit or Monitoring No.	Local Grid Origin [estimated: E	or	VN746
12212315			Date Well Installed
Facility ID		ft. E. S/C/N	
Type of Well	Section Location of Waste/Source	г. м. к е	Well Installed By: Name (first, last) and Firm
Well Code MW	1/4 of,7		(raig Plant
Distance from Waste/ Enf. Stds.	Location of Well Relative to Waste/Son Upgradient s Sides	ource Gov. Lot Number	6 116 20
Sourceft. Apply	d Downgradient n Not I	Known ———	Ground Jourse
	ft MSL	1. Cap and lock?	Yes No
tr 1 (otoon to bibet tob attended	"" II Ha."	2. Protective cover	pipe:
B. Well casing, top elevation	ft. MSL	a. Inside diamete	r:
C. Land surface elevation	ft_MSL	b. Length:	 Stee) Z ZT 0.4
C. Dina ranta in the same	1 +32-35(3.0) 16-7	c. Material:	Other 🗆
D. Surface real, bottom ft. MS		d. Additional pro	
12. USCS classification of soil near scree		a, Additional pro	e:
GP GM GC GW S SM SC D ML MHD		1 yes, aeserio	Bentonite 🔀 30
Bedrock D		3. Surface scal:	Concrete 1 01
	Yes D-No		Other 🗆 🧼
	tary \$20	4. Material between	well casing and protective pipe:
14. Drilling method used: Ro Hollow Stem Av	MA 1001		Bentonite □ 30
	Other 🗆 💮		Other 🗆 🍱
		5. Annular space so	al: a. Granular/Chipped Bentonite 3 3
15. Drilling fluid used: Water D 0 2	Air 🗗 🕅	Lbs/gal T	nud weight Bentonite-sand slurry □ 35
Drilling Mud □ 0 3	None 🗆 99 📸 🔯	c Lbs/gal r	nud weight Bentonite slarry 🗀 🤼
		d % Bentor	ite Bentonite-cement grout 🗆 50
16. Drilling additives used?	Yes 5 52No	eFt	volume added for any of the above
<u> </u>) 🕍 💥	 f. How installed 	
Describe			Tremie pumped 🔲 02
17. Source of water (attach analysis, if req	Bired):	470 . 5 . 1	Gravity □ 08 a. Bentomite granules □ 33
	🐰 🕅	6. Bentonite scal:	3/8 in. □1/2 in. Bentonite chips 🔀 32
C. 145	la 🛚	, b. 11/4 iii.	Other 🗆 💥
E. Bentonite seal, topft_MS	,r or 1 rr	c	
E Einstead too ft MS	SL orft.		al: Manufacturer, product name & mesh size
F. Fine sand, top ft. MS	"·"·	/ 1 40/60	Badger
C. Filter needs ton	SL or/2 ft. \	b. Volume adde	dfi ³
G. Filter pack, top IL MS		8. Filter pack mater	ial: Manufacturer, product name & mesh size
H. Screen joint, top ft. MS	SL or 19 ft.	1 20/4	o padger
•	[·]-male ·]	b. Volume adde	d 3.5 ft ³
I. Well bottom ft. MS	sLor_24a\	Well casing:	Flush threaded PVC schedule 40 52 23
-	1 to 12	_	Flush threaded PVC schedule 80 2 4
J. Filter pack, bottom ft MS	SL or 27/2 ().	<u> </u>	Other 🗆 💥
•	011 (10. Screen material:	
K. Borehole, bottom	SL or 21/2 ft.	 Screen type: 	Factory cut \(\frac{1}{2} \) 1 1
(Continuous slot 01 Other 0
L. Borehole, diameter in.	\	\ . 	<u> </u>
M. O.D. well casing 237 in.		b. Manufacturer c. Slot size:	0.0(Qin.
M. O.D. well casing in.		c. Slot size: d. Slotted length	
203			(below filter pack): None 14
N. I.D. well casing in.		11. Dacktili tilatoria	Other 🗆
I hereby certify that the information on this	e form is true and correct to the hest of	my knowledge.	
	Firm	, ,-	
Signature	() "" G(a.m	2 Source	

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 283, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be seen.

State of Wisconsin Department of Natural Respurces Route to:	Watershed/Wastewater 🗌 💂	Waste Management [MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
Greential Violenty 1	Remediation/Redevelopment	Other	her at XI
W. Park River P.C.	Local Grid Location of Well	S 1. 🗆 1	Well Name MW-2
Facility License, Permit or Monitoring No.	Local Grid Origin (estimat		Wis. Unique Well No. DNR Well ID No.
Facility ID	St. Planeft. N.	ft. E. S/C	N Date Well Installed 9/01/2015
	Section Location of Waste/Sour		E Well Installed By: Name (first, last) and Firm
Type of Well Mu/	1/4 of1/4 of Sec	,T N, RĒ	Well Installed By: Name (first, last) and Firm
Well Code	Location of Well Relative to W.	aste/Source Gov. Lot Number	- (756) 1760
Distance from Waste/ Enf. Stds.	u 🗆 Upgradient s 🗆	Sidegradient	Ground Source
Sourceft Apply	d 🗆 Downgradient n 🗓	Not Known	
A. Protective pipe, top elevation	ft MSL	1. Cap and lock 2. Protective co	
B. Well casing, top elevation =	ft. MSL	a. Inside dian	
C. Land surface elevation = _ =	fLMSL	b. Length:	
	[(*	c. Material:	Steel PC 04
D. Surface seal, bottom ft. MS		J. 8358	Other 🗆
12. USCS classification of soil near screen	u: \\\\	d. Additional	
GP II GM II GC II GW II S	SW 🗆 SP 🗆 🔪 🚺	If yes, des	cribe:
SM SC MLD MHD	TO CHO!		Bentonite 🔀 30
Bedrock 7		3. Surface scal:	Concrete U 01
1	Yes J⊉No		Other 🗆 🎉
1 ' ' '	(3)	4 Material betw	reen well casing and protective pipe:
			Bentonite □ 30
Hollow Stem As	ther 🗆 💥		Other 🗆 🏯
	the Campa		e scal; a. Granular/Chipped Bentonite 33
15. Drilling fluid used: Water [] 0 2	Air 🗗 U1	5. Annular spac	al mud weight Bentonite-sand slurry 35
	None 99	bLbs/g	al mud weight Bentonite slurry D 31
Drining trials () () 3	Tone L)	cLbs/g	al mud weight Bentonite slurry 31 11 12 31 31
16. Drilling additives used?	Yes D CNo	d % Bei	Ft 3 volume added for any of the above
10. Dilling noons we made		(6)	Tromis Cl. 0.1
Describe	😹	f. How insta	ilett,
17. Source of water (attach analysis, if requ	P233		Tremie pumped 🔲 0 2
17. Source of water (attach analysis, it led)	med).		Gravity 🗆 08 1: a. Bentonite granules 🗀 33
		6. Bentonite sea	
		Ъ. Ш/4 п.	3/8 in. 1/2 in. Bentonite chips 32
E. Bentonite seal, top ft MS	LorIt.	C	Other 🗆 🍇
F. Fine sand, top ft. MS	Lor		terial: Manufacturer, product name & mosh size
•		3/ / a. 90/6	io Badgar
G. Filter pack, top ft. MS	1L or/3_ ft.	b. Volume as	ided . 5 n ³
		8. Filter pack m	aterial: Manufacturer, product name & mesh size
H. Screen joint, top ft. MS	L or _ 1 _2 _ II.	1 1 2 2 2	
		b. Volume a	Flush threaded PVC schedule 40 8 23
I. Well boutomft. MS	Lor_22_0、 [[[]]	勢、 9. Well casing:	
	79		Flush threaded PVC schedule 80 24
J. Filter pack, bottom fc MS	Lor		Other 🛭 💯
		10. Screen mater	
K. Borchole, bottom ft. MS	L or _ 3,2 _ ft. <	a. Screen ty	
			Continuous slot 🔲 01
L. Borehole, diameter in.	(612		Other Dayson
M. O.D. well casing 237 in.		b. Manufactu	0.0(Qin.
M. O.D. well easing in.		c. Stot size:	A A
7/2		d. Slotted le	
N. I.D. well casing in.	•	11. Backfill mate	rial (below filter pack): None 14
			Other 🗆 🚉
I hereby certify that the information on this	form is true and correct to the b	est of my knowledge.	
Signature	Firm o	_ //	
(T &)	2 - 60	and source	

Please complete both Form 4400-113B and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin Department of Natural Rejources Route to: Searth of Vide +	Watershed/Wastewater	Waste Management [MONITORING WI Form 4400-113A	ELL CONSTRUCTION Rev. 7-98
La card Coo Valette	Remediation/Redevelopment	Other		
	Remediation/Redevelopment Local Grid Location of Well ft.	ת ב	TE. Well Name M	W-3
LA DAKRILLERA] N	J W . I · / _ •	p. DNR Well ID No.
Facility License, Permit or Monitoring No.	Local Grid Origin (estim	ated: 🗆) or Well Location		P. DINK WELLTO NO.
	Lat	Long	or <u>V/V</u>	<u>- </u>
Facility ID	St. Plane ft. N	ft. E.	S/C/N Date Well Histaged	7/0/1/2017
	Section Location of Waste/Son	игсе	_ m	m d d y v y y Name (first, last) and Firm
Type of Well Code MW	1/4 of1/4 of Sec.	,T N, R	Well Installed By:	
WC11 COUL	Location of Well Relative to V	Vaste/Source Gov. Lot Nu	mber	1, 1001
Distance from Waste/ Enf. Stds.	u □ Upgradient 5 □] Sidegradient	600n	L Source.
Sourceft. Apply [d Downgradient n	Not Known		O⊠ Yes □ No
A. Protective pipe, top elevation	fLMSL	1. Cap and lo 2. Protective		
n Wall and a sample of	fi.MSL	a. Inside d	• •	_ <i></i>
D, t B, t	11	b. Length:		(ft.
C. Land surface elevation	ft. MSL	c. Materia		Steel DT 04
D. Surface seal, bottom ft. M	SLor ft. 983	V.		Other 🗆 🏨
12. USCS classification of soil near scree		d. Additio	nal protection?	☐ Yes ☐ No
GP □ GM □ GC □ GW □	ew m sp m		describe:	
SM D SC D MLO MHO	CL CH CH CH			Bentonite 🔀 30
Bedrock	138	3, Surface se	al:	Concrete 🗖 01
13. Sieve analysis performed?	Yes Jano			Other 🛮 🌉
_	1.70	4. Material b	ctween well casing and prote	ective pipe:
14. Drilling method used: Ro				Bentonite 🗆 30
	Other 🗆 🎆			Other 🗆 🕮
	88	5. Annular si	pace scal: a. Granular/Ch	ipped Bentonite 🕱 33
15. Drilling fluid used: Water 0 2	Air 🕏 01	L	bs/gal mud weight Bento	nite-sand slurry 35
Drilling Mud [] 0 3	None 🗆 99	c Li	bs/gal mud weight B	entonite slurry 🔘 3 I
_		d	Bentonite Bentoni	ts-cement grout 🗆 - 50 -
16. Drilling additives used?	Yes SENo		Ft ³ volume added for a	
		f Howin	astalled:	Tremie 🗐 01
Describe				Fremie pumped 🛭 02
17. Source of water (attach analysis, if req	puired):			Gravity 🗆 08
·		6. Bentonite		itimite granules 📋 33
		ъ. □1/4	in_ Ø3/8 in. □1/2 in.	
E. Bentonite seal, topft. M	SL. or [fl]	/ c		_ Other 🗆 🎇
	B24 /	7 Fine sand	material: Manufacturer, pr	oduct name & mosh size
F. Fine sand, top ft. M.	SL or	40	160 Badger	<u> </u>
	13.			
G. Filter pack, top ft. M	SL or 13_ ft.	b. Yolum		_ ''
	_ (60)	8. Filter pack	k material: Manufacturer, pr	
H. Screen joint, top ft. M	SL or/ ft.			<u></u>
	SL or 25 ft.		e added	11- C schedule 40 💢 23
I. Well bottom ft. M	SL or [1.	男: 9, Well casir	Flush threaded PV	
	. 2< .	国 人	Figst threated 1	Other 🗆 🕮
J. Filter pack, bottom ft M	SL or		DI/C	. Other D su
	SL or3 5_ ft	10. Screen m		Factory cut 11
K. Borchole, bottom ft. M	SL or J J L iii	a. Screen		Continuous slot 0 1
L. Borehole, diameter in.			•	_ Other 🗆 💥
<u>-</u> ,		b, Manufa	acturer Johnson	- Jan - 22
M. O.D. well easing _237 in.		c. Slot si		0. 0(Qin.
M. O.D. well easing in.			i length:	10 A
N. I.D. well casing 203 in		•	natorial (below filter pack):	None D 14
N. I.D. well casing in.		11. Dackilli il	importan (ocion mitor brow).	Other 🗆 🎎
	to Carre to pass and account to the	hest of my knowledge		
Thereby certify that the information on thi		ouse of hij knowledge.		
Signature	G Firm GC	ound Source	2,	
/ / \	V 00			

Please complete both Forms 4400-113B and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

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

Route to: Watershed/Wastewater	Waste Management
Remediation/Redevelopment[X]	
Facility/Project Name Greenfield Property County Name	FOND DU LAC MW-1
Facility License, Permit or Monitoring Number County Code 20_	Wis. Unique Well Number VN746 DNR Well ID Number
1. Can this well be purged dry?	Before Development After Development 11. Depth to Water (from top of well casing) Before Development After Development 121.22 ft.
surged with bailer and bailed	Date $b \cdot \frac{09}{m m} / \frac{01}{d} / \frac{2015}{y y y} = \frac{9}{m m} / \frac{1}{d} \frac{2015}{y y y}$ Time $c \cdot \frac{03}{x} : \frac{44}{x} \frac{1}{x} \frac{a.m.}{p.m.} = \frac{04}{x} : \frac{12}{x} \frac{12}{x} \frac{a.m.}{p.m.}$ 12. Sediment in wellinchesinchesinches
Other 3. Time spent developing well 28min.	13. Water clarity Clear 1 1 0 Clear 1X 2 0 Turbid X 1 5 Turbid D 2 5 (Describe) (Describe) Tan Clear
4. Depth of well (from top of well casisng) 24 ft.	High Turbidity Low Turbidity
5. Inside diameter of well in.	
6. Volume of water in filter pack and well casing gal.	Fill in if drilling fluids were used and well is at solid waste facility:
7. Volume of water removed from well 30 gal.	14. Total suspended mg/l mg/l solids
8. Volume of water added (if any) gal.	
9. Source of water added	15. COD mg/l mg/l
10. Analysis performed on water added? Yes No (If yes, attach results)	16. Well developed by: Name (first, last) and Firm First Name: Eric Last Name: Dahl Firm: METCO
17. Additional comments on development: Name and Address of Facility Contact/Owner/Responsible Party	I hereby certify that the above information is true and correct to the best
First Glendon Last Greenfield Name: Greenfield Proposition	of my knowledge.
acility/Firm: Greenfield Property	Signature: With y f dum.
Street: N2828 W. Rock River Road	Print Name: Dillon Plamann

53963-9418

Firm:

METCO

WI

Waupun

City/State/Zip:

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

Route to: Watershed/Wastew	ater	Waste Management			
Remediation/Redev	velopment [X]	Other			
Facility/Project Name	County Name		Well Name		
Greenfield Property		FOND DU LAC		MW-2	
Facility License, Permit or Monitoring Number	County Code .20	Wis. Unique Well N	umber N745	DNR We	ell ID Number
1. Can this well be purged dry?	□ No	11. Depth to Water			After Development
2. Well development method surged with bailer and bailed	1 2 2 2 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0	well casing) Date	b. $\frac{09}{m \ m} / \frac{01}{d \ c}$ c. $\frac{03}{m \ c} : \frac{09}{m \ m}$	$ \frac{1}{y} / \frac{2015}{y} = \frac{1}{y} = \frac{1}{y} $ $ \frac{1}{y} = \frac{1}{y} = \frac{1}{y} $ $ \frac{1}{y} = \frac{1}{y} = \frac{1}{y} $ $ \frac{1}{y} = \frac{1}{y} = \frac{1}{y} $ $ \frac{1}{y} = \frac{1}{y} = \frac{1}{y} $ $ \frac{1}{y} = \frac{1}{y} = \frac{1}{y} $ $ \frac{1}{y} = \frac{1}{y} = \frac{1}{y} $ $ \frac{1}{y} = \frac{1}{y} = \frac{1}{y} $ $ \frac{1}{y} = \frac{1}{y} = \frac{1}{y} $ $ \frac{1}{y} = \frac{1}{y} = \frac{1}{y} $ $ \frac{1}{y} = \frac{1}{y} = \frac{1}{y} $ $ \frac{1}{y} = \frac{1}{y} = \frac{1}{y} $ $ \frac{1}{y} = \frac{1}{y} = \frac{1}{y} $ $ \frac{1}{y} = \frac{1}{y} = \frac{1}{y} $ $ \frac{1}{y} = \frac{1}{y} = \frac{1}{y} $ $ \frac{1}{y} = \frac{1}{y} = \frac{1}{y} $ $ \frac{1}{y} = \frac{1}{y} = \frac{1}{y} $ $ \frac{1}{y} = \frac{1}{y} = \frac{1}{y} $ $ \frac{1}{y} = \frac{1}{y} = \frac{1}{y} $ $ \frac{1}{y} = \frac{1}{y} = \frac{1}{y} $	19.35 ft. y y = 9/ /1 /1015 y y = m m / d d y y y y 03 . 32 \(\frac{1}{X} \) a.m. inches Clear X 2 0 Turbid 2 5 (Describe) Clear
5. Inside diameter of well 6. Volume of water in filter pack and well casing 7.5	in.		High Turbio	lity	Low Turbidity
7. Volume of water removed from well	gal. gal.			mg/l	nt solid waste facility: mg/l mg/l
10. Analysis performed on water added? Yes (If yes, attach results)	□ No	16. Well developed by First Name: Eric Firm: METCO	y: Name (first, k	and Firm	
17. Additional comments on development:			·		
Name and Address of Facility Contact / Owner/Responsible First Glendon Last Greenfield Name: Greenfield Property Facility/Firm: Greenfield Property	Party	I hereby certify that of my knowledge. Signature:	t the above info	ormation is	s true and correct to the best
Street: N2828 W. Rock River Road		Print Name: Dillon P	lamann		
	963-9418	Firm: METCO			

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

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

Route to: Watershed/Wastewa	ter 🔲	Waste Management		
Remediation/Redeve	lopment [X]	Other		
	ounty Name		Well Name	
Greenfield Property	•	FOND DU LAC	MW-3	•
Facility License, Permit or Monitoring Number C	ounty Code .20	Wis. Unique Well No	omber DNR W	Vell ID Number ———
1. Can this well be purged dry?	X No	11. Depth to Water		nt After Development
2. Well development method surged with bailer and bailed	_ min.	well casing) Date	b. 09 / 01 / 201 m m d d d y y c. 01 : 36 X p.m inches Clear 10 Turbid X 15 (Describe)	Clear X 20 Turbid 25 (Describe)
4. Depth of well (from top of well casisng) 5. Inside diameter of well 6. Volume of water in filter pack and well casing 15	ft. in.		High Turbidity	Clear Low Turbidity
7. Volume of water removed from well	gal. gal.		mg/l	at solid waste facility: mg/lmg/l
10. Analysis performed on water added? Yes (If yes, attach results)	□ No	16. Well developed by First Name: Eric Firm: METCO	: Name (first, last) and Fir Last Nar	
17. Additional comments on development:				
Name and Address of Facility Contact/Owner/Responsible Pa First Glendon Last Greenfield Name: Greenfield Property Street: N2828 W. Rock River Road City/State/Zip: Waupun WI 5396	3-9418	I hereby certify that of my knowledge. Signature: Dillon Pl. Firm: METCO	Pdum	is true and correct to the best

SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

			Route To:	Watershed / Wastewa Remediation / Redevelopme		Waste	Manag	ement: Other:						
				Remediation / Redeveloping	ent. A						Page	1		
acility / P	roject N	lame			License	e / Permi	it / Mon	itoring N	lumber					ring Number
Greenfield I	Property -	- WI DO	т		Dellina	Dota St	ortod		Drilling	Date Co	omplete	d	G-1	lling Method
	lled By: Damn	Name		nief (first, last) and Firm Prentice	_	Date St 8/11/2014				8/11/201		u		-
		oil & San	nples, LLC	rielilioe	Mì	// DD/ YY	YY		MM	I/DD/YY	ΥΥ			oprobe
			Vell ID No.	Well Name	Fina	I Static \	Water L	.evel		urface l		n	В	orehole Diameter
						Feet	MSL			915 Fe		ation		2 Inches
				Boring Location	lat 413	° 38' 4	12 "			Local G		E		
State Plane NW ¼ of		N, of Sectio	E n 35, T 14 N	I, R 14 E		38° 48'	3 "			Feet S	Feet	W		
	cility ID			County				y Code		С	ivil Tow	-		illage
420	0115520			Fond du Lac			2		ropertie		То	wn of A	Ito	
	San	nple		l			-	3011 P		5		×		
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	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
Ž	۳, ۳,	m m	_ □ ⊕			********						п.	H	
G-1-1 04 feet	48 30		2 2 	Gray clayey sand w/ gravel	Fill			0		Moist		- JA		No Petro Odor
G-1-2 48 feet	48 3		6 6 8	Gray clayey sand w/ gravel	Fill			0		Moist				No Petro Odar
G-1-3 8-12 feet	48 48		10 10 	Gray clayey sand w/ gravet (8-10 feet) Gray sandy silt w/ gravel (10-12 feet)	Fill			330		Moist				Slight Petro Odor From 10-12 Feet
G-1-4 12-13 feet	48 12		14161618182022	Gray sandy silt w/ gravel EOB @ 13 feet. Geoprobe refusal. Borehole abandoned.	ML ML	knowled		10		Moist				Slight Petro Odor
Signature	erury th	at tile II	mormation)	DOCK OF THEY		<u> </u>		Firm:	ME	TCO			
oignature			//											

Form 4400-122

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		İ	Route To:	Watershed / Wa Remediation / Redev		Х	Waste	Manag	gement: Other:						
				Remediation / Redev	elopinent		1		Outer.			Page	1	of	
Facility / Proje	ct Na	me				Licens	e / Perm	it / Mon	itoring N	Number				Во	ring Number
Greenfield Prope	erty – '	WI DO	Т							es. 1111	5 . 0			G-2	
		Vame		hief (first, last) and Firm : Prentice		_	Date St 08/11/201			Drilling	Date Co 8/11/201		a		lling Method
First: Dami Firm: Geiss		& Sam					// DD/ YY				/DD/ YY			Ge	aprobe
WI Unique Well N	10. D	NR W	ell ID No.	Well Name		Fina	l Static	Water L	evel	Ş	urface	Elevatio	n	В	orehole Diameter
				*****			Feet	MSL				et MSL			2 Inches
				Boring Location		Lat //3	° 38' 4	10 "			Local G	rid Loca	ation E		
State Plane NW 1/4 of NW		N, Sectior	E. 135, T 14 N	N, R 14 E			38 ° 48'				Feet S	Feet	W		
Facility				County	· · · · · · · · · · · · · · · · · · ·			County	y Code	<u>-</u> .	C	ivil Tow	-		illage
420115				Fond du Lac				2				To	wn of A	lto	
	Samp	le		<u> </u>				_	SORP	ropertie	S		×		
Number & Type	Recovered (in	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit		USCS	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
G-2-1 48 0-4 feet 36 G-2-2 48 4-8 feet 42 G-2-3 48 8-12 feet 48			- 4 6 - 8 10	Gray clayey sand w/ gravel Gray clayey sand w/ gravel (4-6 feet) Gray sandy silt w/ gravel (6-8 feet) Gray sandy silt w/ gravel EOB @ 12 feet. Geoprobe refusal. Boreho abandoned.	le	Fill ML			0 720 565		Moist Moist				No Petro Odor Petro Odor From 6-8 Feet
hereby certify Signature:	/ that	the in	18 20 22 22 24 	on this form is true and correct to	o the best	of my k	nowledç	je		Firm:	ME	тсо			

Form 4400-122

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			Route To:	: Watershed / Was Remediation / Redevelo		X I	Waste I	Manag	ement: Other:						
				Remediation / Redeven	opinent	^_	ļ		Outer.			Page	1	of	
Facility / F	Project N	lame			Lic	ense	/ Permi	it / Moni	itoring N	lumber				Bo G-3	ring Number
Greenfield I				hief (first, last) and Firm	Dri	llina	Date St	arted		Drilling	Date Co	mplete	d		lling Method
	meu by. Darrin	Ivaille		: Prentice	511	_	8/11/201			_	8/11/201				oprobe
			ples, LLC				/ DD/ YY				/DD/ YY				
WI Unique	Well No.	DNR W	/ell ID No.	Well Name		Fina	Static \		.evel		urface E		n	В	orehole Diameter
							Feet	MSL			915 Fee Local G		ation		2 Inches
Local Gric State Plane		(estima	ated X) or E	Boring Location	lat	43	° 38' 4	12 4			LUCAI G		E		
			n 35, T 14 N	N, R 14 E			8° 48'	3 "			Feet S		W		
	cility ID			County				County	/ Code		С	ivil Tow			llage
420	0115520			Fond du Lac				2				To	wn of A	lto	
	San	nple	 		ľ	-			Soil P	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		nscs	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
G-3-1 0-4 feet G-3-2 4-8 feet	48 24 48 30		2 4 6 6	Gray clayey sand w/ gravel Gray clayey sand w/ gravel Gray sandy silt w/ gravel		FIII			0 10 525		Moist Moist Moist				No Petro Odor Petro Odor From 6-8 Feel Petro Odor
8-12 feet	42	at the ii		EOB @ 12 feet. Geoprobe refusal. Borehole abandoned.			nowled	ge							
Signature		at tile ti	10 mation)		,		<u> </u>		Firm:	ME	TCO			
J.51141416		,	//	•											

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		1	Route To:	Watershed / Wastev Remediation / Redevelopi		Х	Waste	Manag	ement: Other:						
				Remediation / Redevelopi	ment.				Otrici.			Page	1	of	
acility / P	roject N	lame				License	/ Perm	it / Mon	itoring N	lumber				Bo	ring Number
Greenfield f	oroperty -	- WI DO	ī				5 (0)			D-885-	Data Co	malata	d	G-4	lling Method
		Name		nief (first, last) and Firm		_	Date St 8/11/201			Drilling 0	Date Ct 8/11/201		u		
	Darrin Geiss So	il & Sam	Last: ples, LLC	Prentice			N DD/ YY				/DD/ YY				oprobe
			ell ID No.	Well Name		Fina	l Static	Water L	.evel	S	urface I	Elevatio	n	В	orehole Diameter
							Feet	MSL			915 Fe		. 61		2 Inches
				Boring Location	,	1 at 13	° 38' 4	12 "			Local G N		ation E		
State Plane		N, if Section	E 135, T 14 N	R 14 E			38 ° 48'				Feet S	Feet	W		
	cility ID			County				County	/ Code		С	ivil Tow	-		illage
420	115520	ı <u> </u>		Fond du Lac				2				To	wn of A	to	
	San	ple							Soil P	ropertie	S		×	П	
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feat (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit		nscs	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
G-4-1 0-4 feet G-4-2 4-8 feet G-4-3 8-12 feet	48 42 48 42 48		- 4 6 8 10	Gray sandy silt w/ gravel Gray sandy silt w/ gravel Gray sandy silt w/ gravel EOB @ 12 feet. Geoprobe refusal. Borehole abandoned.		ML ML		•	0		Moist Moist Moist				No Petro Odor No Petro Odor
I hereby o		at the j	16 18 20 	on this form is true and correct to th	e best	of my	knowled	ge		Firm:	ME	TCO			
			/	/ 2											

SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

			Route To:	Watershed / Wastewat Remediation / Redevelopme] waste	e ivianaç	Other:			Page	1	of	
Facility / F	Project N	lame			Licens	e / Perm	it / Mon	itoring l	Number		Page	- !		ring Number
Greenfield I	Property -	- WI DO	т										G-5	
Boring Dri	iled By:	Name	of crew cl	nief (first, last) and Firm	_	Date St			Drilling	Date Co 8/11/201-		d	Drilling Method	
	Darrin Geiss Sc	il & Sam	Last: ples, LLC	Prentice		08/11/201 M/ DD/ YY				1/DD/ YY			Geoprobe	
			/ell ID No.	Well Name	Fina	al Static	Water L	.evel	S	Surface I	Elevatio	ก	Borehole Diameter	
						Feet	MSL			915 Fe				2 Inches
Local Gric State Plane		(estima	ated X) or E	Boring Location	Lat 43			Local G		E E				
			n 35, T 1 <u>4 N</u>	I, R 14 E		88° 48'	3 "							
Fa	cility ID			County			-	/ Code		C	ivil Tow	-		illage
420	0115520 San			Fond du Lac			2		Propertie	ıs	10	wn of A	ЩО	
			# 5				E		1		#	Xep		
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
G-5-1 0-4 feet	48 42		2	Brown sandy silt w/ gravel	ML			o		Moist				No Petro Odor
G-5-2 4–8 feet	48 42		6 6 	Brown to gray sandy silt w/ gravel Gray sandy silt w/ gravel (8-9.5 feet)	ML			240		Moist				Petro Odor From 7-8 Feet
G-5-3 8-10 feet	48 24			Gray fine to medium grained sand (9.5-10 feet) EOB @ 10 feet. Geoprobe refusal. Borehole abandoned.	SP	knowled		760		Moist				Petro Odor
		at the i	nformation	on this form is true and correct to the b	est of my	knowled	ge		Firm:	MF	TCO			
Signature	-		رز						, ,, ,,,,					

SOIL BORING LOG INFORMATION

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			Route To:				te Manaq	gement: Other:						
				Remediation / Redevelop	oment. A			Outer.			Page	1	of	1
Facility / P	roject N	lame			Licer	se / Perr	nit / Mon	itoring l	Vumber				Во	ring Number
Greenfield F	operty -	- WI DO	т										G-6	
		Name		nief (first, last) and Firm	Drilli	ng Date S			Drilling	Date Co 8/11/201		d	Drilling Method	
	Darrin Goice Se	il 9 Com	Last: ples, LLC	Prentice		08/11/20 MM/ DD/ Y				6/ 1 1/20 (I /DD/ YY			Geoprobe	
WI Unique V				Well Name		nal Static		_evel		urface		n	Borehole Diameter	
						Fee	t MSL	915 Feet MSL					2 Inches	
	-	-	ated X) or	Boring Location						Local G				
State Plane NW 1/4 of		N,	E - 25 T 14 N	1 D 1/ C		43 ° 38 ' 88 ° 48				N Feet S	S Feet	E W		
	cility ID	n Section	135, 1 14 1	County	Long	- 00 -10		y Code			ivil Tow		·/V	illage
) 115520)		Fond du Lac			2	20			To	wn of A	lto	
	San						· I	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	nscs	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
G-6-1 0-4 feet	48 36		2 	Orange sandy silt w/ gravel	ML			ó		Moist				Na Petra Odor
G-6-2 4–8 feet	48 42		- - - - - - - - 8	Gray sandy silt w/ gravel	ML			0		Moist				No Petro Odor
G-6-3 8-12 feet	48 48			Gray sandy silt w/ gravei EOB @ 12 feet. Geoprobe refusal. Borehole abandoned.	ML			250		Moist				Petro Odor From 9-12 Feet
l hereby c Signature		at the ir		on this form is true and correct to th	ne best of m	y knowled	dge		Firm:	ME	тсо			

SOIL BORING LOG INFORMATION

Form 4400-122

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			Route To:	Watershed / Wastewate Remediation / Redevelopme		_	e Manag	ement: :Other						
				Remediation / Redevelopme	11.3	j		041011			Page	1	of	
acility / P	roject N	lame			Licens	e / Perm	it / Mon	itoring I	Number				Во	ring Number
Greenfi <u>eld F</u>													G-7	
		Name		nief (first, last) and Firm	_	Date St			Drilling			d	Dri	lling Method
First: I				Prentice		08/11/201 W/ DD/ Y\				8/11/201 I /DD/ YY			Ge	oprobe
			ples, LLC /ell ID No.	Well Name		al Static		.evel		urface l		n	В	orehole Diameter
					Feet MSL 915 Feet M							SL 2 Inches		
ocal Grid	Origin	(estima	ated X) or	Boring Location						Local G				•-
State Plane		N,	E			38'				N East 9	S Feet	E W		
	NW ¼ c		n 35, T 14 N	, R 14 E County	Long	88° 48'		/ Code			ivil Tow		/ Vi	illage
	115520			Fond du Lac			. 2					wn of A		-
420	San			T ONG GE Eag					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	nscs	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
G-7-1 0-4 feet G-7-2 4-8 feet	48 42 48 18		2	Brown sandy silt w/ gravel Gray sandy silt w/ gravel	ML ML			0		Moist Moist				No Petro Odor No Petro Odor
	ertify th	at the in	- 8 - 10 - 12 - 12 - 14 - 16 - 18 - 18 - 20 - 22 - 22	EOB @ 8 feet. Geoprobe refusal. Borehole abandoned.	est of my	knowled	ge		Firm:	MF	TCO			

Signature:

SOIL BORING LOG INFORMATION

METCO

Firm:

Form 4400-122

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Watershed / Wastewater: Waste Management: Route To: Other: Remediation / Redevelopment: Page of 1 Boring Number License / Permit / Monitoring Number Facility / Project Name Greenfield Property - WI DOT **Drilling Date Completed Drilling Method Drilling Date Started** Boring Drilled By: Name of crew chief (first, last) and Firm 08/11/2014 08/11/2014 Last: Prentice First: Darrin Geoprobe MM /DD/ YYYY MM/ DD/ YYYY Firm: Geiss Soil & Samples, LLC Borehole Diameter Surface Elevation WI Unique Well No. DNR Well ID No. Well Name Final Static Water Level 915 Feet MSL 2 Inches Feet MSL Local Grid Location Local Grid Origin (estimated X) or Boring Location N Lat 43° 38' 42" State Plane N. E 88° 48' 3 Feet S Feet W NW 1/4 of NW 1/4 of Section 35, T 14 N, R 14 E Long Civil Town / City / Village County Code County Facility ID Town of Alto Fond du Lac 420115520 Soil Properties Sample Depth in Feet (below ground surface) Number & Type Diagram જ≘ Compressive Strength Liquid Limi Blow Counts Moisture Content Length Att. Recovered (i PID / FID USCS Soil / Rock Description 200 Graphic I Plasticity RQD / Comments And Geologic Origin For Each Major Unit Νe No Petro Odor ML 0 Moist G-8-1 Gray sandy silt w/ grave! 0-4 feet 30 No Petro Odor Tan sandy silt w/ gravel ML 0 Moist G-8-2 4-8 feet 10 No Petro Odor ML 0 Moist Tan sandy silt w/ gravel G-8-348 8-11 feet EOB @ 11 feet. Geoprobe refusal. Borehole 12 abandoned. 16 22 I hereby certify that the information on this form is true and correct to the best of my knowledge

SOIL BORING LOG INFORMATION

Form 4400-122

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			Route To:	Watershed / Wastev Remediation / Redevelop			waste	Manag	ement: Other:								
				Tellinariano in Troduction								Page	1	of			
Facility / F			_		Lice	nse.	/ Permi	t / Moni	itoring N	lumber				Bo G-9	ring Number		
Greenfield Boring Dri	Property - Iled Bv:	- WI DO Name	of crew cl	nief (first, last) and Firm	Drilli	ng C	Date Sta	arted		Drilling	Date Co	mplete	d		lling Method		
First:	Darrin		Last:	Prentice			/11/2014				8/11/2014 1/DD/ YY			Ge	oprobe		
			ples, LLC /ell ID No.	Well Name	MM/ DD/ YYYY Final Static Water Level						urface [n	Borehole Diameter			
11, 011140		DIVICE	reir ib rio.	, , <u>, , , , , , , , , , , , , , , , , </u>	Feet MSL					915 Feet MSL					2 Inches		
Local Grid	d Origin	(estima	ated X) or	Boring Location							Local G		ation E				
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	cility ID		1135, 1 141	County				County	y Code		С	ivil Tow	n / City	/ V	llage		
420	0115520			Fond du Lac				2				To	wn of A	of Alto			
	San	ple	T		Soil Properties								×	П			
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 S	;	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments		
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G-9-1	48		_ _ _ _ _ _ _	Tan sandy silt w/ gravel	М	L			0		Moist				No Petro Odor		
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G-9-3 8-12 feet	48 42		_ _ _ 	Tan sandy silt w/ gravel													
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Form 4400-122

Rev. 7-98

			Route To:	Watersned / Wastewat Remediation / Redevelopme		vvaste	: Manay	Other:		<u> </u>						
Facility / F	Project N	lame			License	e / Perm	it / Moni	toring N	lumber		Page	1	of Bor	ring Number		
Greenfield I	-		т										G-1			
Boring Dri	lled By:	Name	of crew ch	nief (first, last) and Firm	_	Date St			Drilling			d	Dril	lling Method		
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			/ell ID No.	Well Name		l Static		evel	S	urface l	Elevatio	n	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	nscs	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments		
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G-10-2 4–8 feet	48 42		- - - - - - - - - - - - - - - - - - -	Tan sandy silt w/ gravel	ML			0		Moist				No Petro Odor		
G-10-3 8-11 feet	48 36		10 10 12 12	Tan sandy silt w/ gravel EOB @ 11 feet. Geoprobe refusal. Borehole abandoned.	ML			0		Moist				No Petro Odor		
I hereby c	pertify th	at the i	14 _ 14 _ 16 _ 18 _ 20 22 24 24 24 24	on this form is true and correct to the b	pest of my	knowled	ge									
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SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

			Route To:	Watershed / Wastew Remediation / Redevelopm	1	waste	wanag	ement: :Other								
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acility / F	•		-		License	e / Permi	it / Moni	itoring N	Number				Bo G-1	ring Number		
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G-11-2 4-8 feet	48 36		6	Tan sandy silt w/ gravel EOB @ 7 feet. Geoprobe refusal. Borehole abandoned.	, ML			0		Moist				No Petro Odor		
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Form 4400-122

Rev. 7-98

		!	Route To:	Watershed / Wastewate Remediation / Redevelopmen			Manag	ement: Other:								
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Facility / F	Project N	lame			Licens	e / Perm	it / Moni	itoring N	lumber					ring Number		
Greenfield I	roperty -	- WI DO	Τ		Dellino	Date St	orted		Drilling i	Date Co	nmolete	d	G-1	2 Iling Method		
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420	0115520)		Fond du Lac			2				To	wn of A	f Alto			
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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	nscs	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments		
G-12-1 0-4 feet	48 12		2	Tan sandy silt w/ gravel	ML			0		Moïst				No Petro Odor No Petro Odor		
G-12-2 4-8 feet	48 36		- - - - 8 - - - - - -	Tan sandy silt w/ gravel	ML			0		Moist Moist				Petro Odor		
G-12-3 8-12 feet	48 24	ot the it	14 16 18 18 20	EOB @ 12 feet. Geoprobe refusal. Borehole abandoned.	ML ML	knowled	ge	60		MOIS						
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Form 4400-122

Rev. 7-98

			Route To:	Watershed / Wastewat Remediation / Redevelopme			e Manag	ement: Other:							
											Page	1	of		
Facility / P	roject N	lame			Licen	se / Perm	it / Mon	itoring f	Number					ring Number	
Greenfield F	oroperty -	- WI DO	T			5 . 0			Dailine	Doto C	-malata	<u> </u>	G-13 Drilling Method		
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	Darrin Geiss So	il & Sam	Last: ples, LLC	Prentice	N	1M/ DD/ YY		I /DD/ YY			Geoprobe				
			/ell ID No.	Well Name		al Static		evel	Surface Elevation					Borehole Diameter	
						Feet	MSL				et MSL			2 Inches	
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72.0	Sam							Soil F	ropertie	s			_		
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin	sos	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments	
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G-13-1 0–4 feet	48 36		2	Tan sandy silt w/ gravel	ML	***************************************		- 0		Moist		-		No Petro Odor	
G-13-2 48 feet	48 42		6	Тап sandy sift w/ gravel	ML			0		Moist				No Peiro Odor	
G-13-3 8-11 feet	48 30		10 10 12	Tan sandy silt w/ gravel EOB @ 11 feet. Geoprobe refusal. Borehole abandoned.	Mt.			0		Moist				No Petro Odor	
I hereby (certify th	at the i	- 14 - 16 - 16 - 18 - 20 - 22 - 22	on this form is true and correct to the b	pest of my	y knowled	ge								
Signature			- Indiniation)					Firm:	ME	ETCO				
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State of Wisconsin Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

Waste Management: Watershed / Wastewater: Route To: Other: Remediation / Redevelopment: Page Boring Number License / Permit / Monitoring Number Facility / Project Name Greenfield Property - WI DOT Drilling Method **Drilling Date Completed** Boring Drilled By: Name of crew chief (first, last) and Firm **Drilling Date Started** 08/11/2014 08/11/2014 Last: Prentice First: Darrin 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 915 Feet MSL 2 Inches Feet MSL Local Grid Location Local Grid Origin (estimated X) or Boring Location Lat 43° 38' 42" Ε State Plane N. E Long 88 ° 48' 3 ° Feet S Feet W NW 1/4 of NW 1/4 of Section 35, T 14 N, R 14 E Civil Town / City / Village County Code Facility ID County Town of Alto Fond du Lac 20 420115520 Soil Properties Sample Compressive Strength Depth in Feet (below ground surface) Number & Type ಶ≘ Diagram Graphic Log Blow Counts Liguíd Limit Moisture Content PID / FID Length Att. Recovered (uscs Soil / Rock Description Plasticity RQD / Comments And Geologic Origin For Each Major Unit Veli No Petro Odor 0 Moist M٤ Tan sandy silt w/ gravel G-14-1 0-4 feet No Petro Odor Moist 0 ML Tan sandy silt w/ gravel G-14-2 4-8 feet 10 No Petro Odor Moist ML 0 Tan sandy silt w/ gravel G-14-3 48 8-11 feet EOB @ 11 feet. Geoprobe refusal. Borehole 12 ibandoned. 16 18 20 22 I hereby certify that the information on this form is true and correct to the best of my knowledge **METCO** Firm: Signature:

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

Form 4400-122

Rev. 7-98

			Route To:				e Manag	ement: :Other						
				Remediation / Redevelopm	ienc A	Į.		Other.			Page	1	of	1
acility / F	Project N	Vame			License	e / Perm	it / Moni	itoring i	lumber					ring Number
Greenfield			ar .										G-1	15
Borina Dri	lled By:	Name	of crew cl	hief (first, last) and Firm	Drilling	Date S	larted		Drilling	Date C	omplete	d		lling Method
	Darrin			Prentice		8/11/201				8/11/201			Ge	oprobe
			ples, LLC			// DD/ Y		ov ol		I/DD/YY	∕YY Elevatio			orehole Diameter
WI Unique	Well No.	DNR W	/ell ID No.	Well Name	Fina		Water L	.evei	٥			11	D	
-1.0-:-	1.0-1-1-	(t'	-td \(\) ==	Desire Legation		Feet	MSL				et MSL Grid Loc	ation		2 Inches
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			n 35, T 14 N	I, R 14 E	Long 8		3 "			Feet S				
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420	0115520)		Fond du Lac	wn of A	lto								
	San	nple		1				Soil F	ropertie	s	T		_	<u> </u>
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	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
G-15-1 0-4 feet	48 36		2	Tan sandy silt w/ gravel	MŁ			o		Moist				No Petro Odor
G-15-2 4–8 feet	48 30		- - - - - - - - - - - - - - - - - - -	Tan sandy silt w/ gravel EOB @ 7 feet. Geoprobe refusal. Borehole abandoned.	ML			0		Moist				No Petro Odor
hereby o	pertify th	at the i		on this form is true and correct to the	best of my,	knawled	ge							
Signature				/				-	Firm:	ME	TCO			

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

Form 4400-122

Rev. 7-98

Route To:

Watershed / Wastewater:

Remediation / Redevelopment:

Waste Management:

Х Other: Page of 1 Facility / Project Name License / Permit / Monitoring Number Boring Number Greenfield Property MW-1 Boring Drilled By: Name of crew chief (first, last) and Firm **Drilling Date Started Drilling Date Completed Drilling Method** First: Craig Last: Plant 09/01/2015 09/01/2015 HSA/AR Firm: Ground Source MM/ DD/ YYYY MM /DD/ YYYY WI Unique Well No. DNR Well ID No. Well Name Final Static Water Level Surface Elevation Borehole Diameter 900 Feet MSL VN746 MW-1 915 Feet MSL Local Grid Origin (estimated X) or Boring Location Local Grid Location Lat 43° 38' 42" NW% of NW% of Section 35, T 14 N, R 14 E Long 88° 48' 3" Feet S Feet W Facility ID County Code Civil Town / City / Village County 420115520 Fond Du Lac 20 Town of Alto Soil Properties Sample Depth in Feet (below ground surface) Compressive Strength & <u>∈</u> Graphic Log Well Diagram Blow Counts Length Att. Recovered (I uscs Liquid Limit Maisture Content PID / FID Soil / Rock Description . ≪ Plasticity And Geologic Origin RQD / Comments Number For Each Major Unit MW-1-1 24 18 Tan sandy silt/clay with gravel (till) SC ۵ М No Petro Odor (2-4 feet) 2.1 575 М Petro Odor 2,3 3,3 MW-1-2 24 Gray sandy silt/clay with gravel (till) (6-8 feet) 18 MW-1-3 300 24 12.22 Gray sandy silt/clay with gravel (till) Μ Petro Odor (10-12 feet) 24,50/3 _12 MW-1-4 50/1 320 М Petro Odo (14-16 feet) 16 D See Well Construction Form 40 MW-1-5 SM 5.9 М Slight Petro Odor Gray sandy silt with gravel and cobbles (till) 20 (20 feet) · V. 3 A' MW-1-6 SM 0 М No Petro Odor Gray sandy silt with gravel and cobbles (till) (24 feet) EOB at 24.5 Feet. Auger refusal @ 14 feet, air rotary drilling from 14 to 24.5 feet. Installed monitoring well MW-1 to 24 feet. 32 36 40 Signature: Firm: **METCO**

Form 4400-122

Rev. 7-98

Route To:

Watershed / Wastewater:

Waste Management: Remediation / Redevelopment: Х Other:

Page Facility / Project Name License / Permit / Monitoring Number Boring Number Greenfield Property MW-2 Boring Drilled By: Name of crew chief (first, last) and Firm Drilling Date Started **Drilling Date Completed** Drilling Method First: Craig 09/01/2015 09/01/2015 Last: Plant **HSA/AR** Firm: Ground Source MM/ DD/ YYYY MM /DD/ YYYY WI Unique Well No. DNR Well ID No. Borehole Diameter Well Name Final Static Water Level Surface Elevation VN745 MW-2 900 Feet MSL 915 Feet MSL Local Grid Origin (estimated X) or Boring Location Local Grid Location Lat 43° 38' 42" NW1/4 of NW1/4 of Section 35 , T 14 N, R 14 E Long 88° 48' 3" Feet S Feet W County County Code Civil Town / City / Village Facility ID 420115520 Fond Du Lac 20 Town of Alto Soil Properties Sample Depth in Feet (below ground surface) Length Att. & Recovered (in) Compressive Strength Well Diagram Blow Counts Graphic Log Liquid Limit SCS Moisture Content PID / FID Soil / Rock Description . ≪ Plasticity In And Geologic Origin RQD / Comments \umber For Each Major Unit MW-2-1 24 12 18,24 Tan sandy silt with gravel (till) SM 0 М No Petro Odor (2-4 feet) 50/5 Air rotary drilling from 5 to 33 feet B' No Petro Odor SM a М MW-2-2 Tan sandy silt with gravel and cobbles (till) (10 feet) 12 0 No Petro Odor MW-2-3 Tan sandy sift with gravel and cobbles (till) М (15 feet) __16 See Well Construction Form Gray sandy silt with gravel and cobbles (till) SM 0 М No Petro Odor MW-2-4 20 (20 feet) MW-2-5 Gray sandy silt with gravel, cobbles, and boulders (till) SM 0 М No Petro Odor 24 (25 feet) 28 MW-2-6 Gray sandy silt with gravel, cobbles, and boulders (till) 0 М No Petro Odor (30 feet) 32 EOB at 33 Feet. Auger refusal @ 5 feet, air rotary drilling from 5 to 33 feet. Installed monitoring well MW-2 to 25 feet. 36 40 48 Firm: **METCO** Signature:

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295 and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25.000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Form 4400-122

Rev. 7-98

Route To:

Watershed / Wastewater:

Waste Management:

Χ Remediation / Redevelopment: Other:

Page Facility / Project Name License / Permit / Monitoring Number Boring Number Greenfield Property MW-3 Drilling Date Started Boring Drilled By: Name of crew chief (first, last) and Firm **Drilling Date Completed Drilling Method** 09/01/2015 09/01/2015 First: Craig Last: Plant HSA/AR MM/ DD/ YYYY Firm: Ground Source MM /DD/ YYYY WI Unique Well No. DNR Well ID No. Well Name Final Static Water Level Surface Elevation Borehole Diameter 900 Feet MSL VN744 MW-3 915 Feet MSL 6 Local Grid Location Local Grid Origin (estimated X) or Boring Location Lat 43° 38' 42" State Plane NW% of NW% of Section 35, T 14 N, R 14 E Long 88° 48' 3" Feet S Feet W Facility ID County Code Civil Town / City / Village County 420115520 Town of Alto Fond Du Lac Sample Soil Properties Depth in Feet (below ground surface) જ ⊆ે Compressive Strength Well Diagram Graphic Log Blow Counts Liquid Limit Length Att. Recovered (i PID/FID Moisture Content Soil / Rock Description . «ర USC And Geologic Origin For Each Major Unit Plasticity RQD / Comments Number MW-3-1 SC 0.7 Na Petro Odor Brown sandy silt/clay М 3,6 (2-4 feet) MW-3-2 0.8 М No Petro Odor 24 6.11 Brown sandy sill/clay with gravel (till) 50/3 (6-8 feet) SM MW-3-3 15,18 1.6 M Na Petro Odor Tan sandy silt with gravel (till) (10-12 feet) 18 24,50/3 12 SM 1.2 No Petro Odor MW-3-4 24 50/1 Tan sandy sill with gravel (till) М 16 (14-16 feet) See Well Construction Form No Petro Odor MW-3-5 _20 Gray sandy silt/clay with gravel and cobbles (till) (20 feet) 24 No Petro Odor MW-3-6 Gray sandy silt/clay with gravel and cobbles (till) SC 0.8 М (25 feet) 28 MW-3-7 Tan dolomite М No Petro Odor 32 1.0 W No Petro Odor MW-3-8 Tan dolomite (35 feet) _36 EOB at 37 Feet. Auger refusal @ 14 feet, air rotary drilling from 14 to 37 feet. Installed monitoring well MW-3 to 25 feet. 40 Firm: **METCO** Signature:

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295 and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of

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

Dv-se-st o-b.	of Fill and Coal	R	oute to:	ı Water	er Watershed/Wastewater X Remediation					ment			
☐ Verification Only o	or Fill allu Seal		=	/anagemei	nt	Other:		<u> </u>	,				
1. Well Location Inform	(alion		. 6 . 7 .	-15.77 X.S.	2. Facili	v / Owner in	formation						
The state of the s	WI Unique Well # of	Hic	ар#	šalius ir patientija (1916). Salius ir patientija (1916).	Facility Na		garanti si yang menyeran	CORP. SALVESTAN - No. ASSESSED	are satisfaction as a subsequent property of the same of	Mar. 201, 500, 201, 1			
`	Removed Well		_			Greenfi	ield Property -	WI DOT					
FOND DU LAC Lattitude / Longitude (Degr		lethed C	ada (aaa in	Annaka uta	Facility (D	(FID or PWS)							
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or Gov't Lot #			N	Hw			en Greenfield						
Well Street Address					Present W		u . c						
N2828 West Rock River	Road				Livilla a Ad		len Greenfield	***************************************					
Well City, Village or Town			Well ZIP C	ode	-Mailing Ac	dress of Prese		West Rock R	iver Road				
Waupun			53963-		City of Pro	sent Owner	112020	State	ZIP Code				
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Reason For Removal Fron	n Service WI Uniqu	e Well #	of Replacer	ment Well						I _{N/A}			
Sampling Complete					⊣ '	nd piping remo	oved?	ľ		IN/A			
3. Well / Drillhole / Bor	are come may the cet APP ADM CET (1000) Co.	200 200 200			<u> </u>	removed?		L E		N/A			
Monitoring Well	Original Con:			dd/yyyy)		removed?		ľ	∐Yes L∐No !^	N/A			
Water Well		8/11/2											
X Borehole / Drillhole	tf a Well Cor please attac		Report is a	available,	i	sing cut off bet		į		N/A			
*	please attac	1.			1	•	se to surface?	1	Xlyes LINO L	JN/A			
Construction Type:	D. f (D f f)	г	7			erial settle afte		l I	Tes No F	N/A			
ř	Oriven (Sandpoint)	L	Dug		H hento	es, was hole re nite chios were	need were the	L v hydrated r	_lYes LINo L	_IN/A			
X Other (specify): Ge	oprobe				with wat	er from a know	n safe source?		_Yes LINo L	N/A			
Formation Type:					1 -		ng Sealing Mat						
[X] Unconsolidated Form	nation	Bedrock	;		1 —	luctor Pipe-Gra		uctor Pipe-Pu	,				
Total Well Depth From Gro	ound Surface (ft.) Ca	asing Dia	meter (in.)		Screened & Poured (Bentonite Chips) Sealing Materials [X] Other (Explain): Gravity								
Lower Drillhole Diameter (sing De	oth (ft.)		_{	Cement Grout		Clay-S	and Slurry (11 lb./g	al. wt.)			
Editor Bitanton Biamoro, P	2					-Cement (Con		Bentor	nite-Sand Slurry " "				
		Г	7	Unknown	7 🗂 🖳		•	[X] Bentor	nite Chips				
Was well annular space gr		es L	JNo L	Unknown	For Monito	ring Wells and	Monitoring We	II Boreholes C	Only:				
If yes, to what depth (feet)	? Depth t	o Water	(feet)		☐ Bent	onite Chips		Bentonite - Ce	ement Grout				
					Gran	ular Bentonite	لسا	Bentonite - Sa	and Slurry				
5. Material Used To Fill	Well / Drillhole				From (ft.) To (ft.)	Poun	ds	_	7* 2*			
Bentonite Chips	CREAT IN 1995 A LIST HE ST. CT.				Surface	13	1	9.5					
6. Comments							: Seth Rib		te di Legi bungan kec				
G-1 Abandoned by G	eiss Soil & Samples,	LLC un	der METC	CO supervi	sion.								
7. Supervision of Wor								1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	se Only	i sibay Linu i			
Name of Person or Firm D	oing Filling & Sealin	g Licen	se#	Date of F	-		yy) Date Rece	ved	Noted By	5.4			
Eric Dahl/METCO				<u></u>	8/11/201		Marian Comment			5 (4 15) 2007 100			
Street or Route				ľ	Telephone Number Comments								
	lette Street, Suite 3	D) -1	han a i		(608) 781-8879 Signature of Person Doing Work Date Signed					Sarbi, i			
City		State	ZIP Code		Signature	errerson Doir	ng vvork		Date Signed				
La Crosse		WI	54603-		9/2/201								

Eric Dahl/METCO

La Crosse

709 Gillette Street, Suite 3

Street or Route

City

Well / Drillhole / Borehole Filling & Sealing

dnr.wi.gov 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 Watershed/Wastewater Drinking Water Verification Only of Fill and Seal Waste Management 2. Facility / Owner Information 1. Well Location information County WI Unique Well # of acility Name Hican # Removed Well Greenfield Property - WI DOT FOND DU LAC acility ID (FID or PWS) Lattitude / Longitude (Degrees and Minutes) Method Code (see instructions) 420115520 • 38.7 icense/Permit/Monitoring # 48,05 Original Well Owner 14114 Section Township ÍΕ Glen Greenfield or Gov't Lot# ₩ resent Well Owner Well Street Address Glen Greenfield N2828 West Rock River Road Mailing Address of Present Owner Well City, Village or Town Well ZIP Code N2828 West Rock River Road Waupun 53963-City of Present Owner State ZIP Code Subdivision Name .ot# WI 53963-Waupun Pump, Liner, Screen, Casing & Sealing Material WI Unique Well # of Replacement Well Reason For Removal From Service No Pump and piping removed? Sampling Complete J_{Yes} □_{No} [X]_{N/A} Liner(s) removed? 3. Well / Drillhole / Borehole Information No Original Construction Date (mm/dd/yyyy) Screen removed? Monitoring Well 8/11/2014 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]_{Yes} ∐_{No} Did sealing material rise to surface? Construction Type: □_{Yes} [x]_{No} Did material settle after 24 hours? Drilled Dug Driven (Sandpoint) If yes, was hole retopped? If bentonite chips were used, were they hydrated with water from a known safe source? X Other (specify): _Geoprobe tequired Method of Placing Sealing Material Formation Type: Conductor Pipe-Pumped Conductor Pipe-Gravity X Unconsolidated Formation Bedrock Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity Total Well Depth From Ground Surface (ft.) Casing Diameter (in.) 12 Sealing Materials Neat Cement Grout Lower Drillhole Diameter (in.) Casing Depth (ft.) L Clay-Sand Slurry (11 lb./gal. wt.) Sand-Cement (Concrete) Grout Bentonite-Sand Sturry " " [X] Bentonite Chips Yes ∐ No Unknown Was well annular space grouted? or Monitoring Wells and Monitoring Well Boreholes Only: If yes, to what depth (feet)? Depth to Water (feet) Bentonite Chips Bentonite - Cement Grout Granular Bentonite Bentonite - Sand Slurry 5. Material Used To Fill Well / Drillhole From (ft.) To (ft.) **Pounds** Surface Bentonite Chips 6. Comments G-2 Abandoned by Geiss Soil & Samples, LLC under METCO supervision. **DNR Use Only** 7. Supervision of Work Name of Person or Firm Doing Filling & Sealing Date of Filling & Sealing (mm/dd/yyyy) Date Received Noted By

8/11/2014

Telephone Number

ZIP Code

54603-

State

WI

608) 781-8879

Signature of Person Doing Work

Comments

Date Signed

9/2/2014

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

Page 1 of 2

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Verification Only	Verification Only of Fill and Seal						L	<u></u> ₩	atershed/Wa	stewater	[X]Re	mediatio	n/Redeve	lopment
<u></u>				W:	aste Ma	anagemen	t [J٥	ther:					
1. Well Location Inform	nation	Ole Male In		(4) 4°C		524, 374 i	2. Fac	lity /	Owner Info	ymation		10115		
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•	Removed	i Weil								ld Property	WI DOT			
FOND DU LAC	<u> </u>						Facility (I) (FII	D or PWS)		***************************************		÷	
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43 - 38.7		'N					License/	Perm	it/Monitoring	#				
88 • 48.05		'w												
74/14 14		Section	Towns	hip	Range) []E	Original	Well						
or Gov't Lot #				N	-	H_{w}^{-}				n Greenfield				
Well Street Address					J		Present	Well						
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Well City, Village or Town	,		,,,	Well :	ZIP Co	de	-fylailing A	vogre	iss of Presen		West Rock	River I	heas	
Waupun				539	963-		City of D	mear	nt Owner	112020	Stat		P Code	
Subdivision Name				Lot#			T", 0, 1	16901	Waun	un	l w		53963-	
							J. D		Iner, Screet			711-207-00-07	******	
Reason For Removal From	n Service	WI Uniqu	e Well #	of Re	placem	ent Well	1							[x] _{N/A}
Sampling Complete		<u> </u>				_	Pump	and	piping remov	red?		HYe		[v]
3. Well / Drillhole / Bo	rehole Ir	formation		5.10		39.4.190	Liner(s) rea	moved?			⊢¦Ye	· —	
	Ю	riginal Cons	struction) Date	(mm/d	ld/yyyy)	Scree	n rer	noved?			LYe		
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X Borehole / Drillhole		olease attac	n.				Did sealing material rise to surface? Xi yes No N/ Did material settle after 24 hours? Yes X No N/							
Construction Type:							Did n	nateri	al settle after	24 hours?		L_Ye	s IXINO	
	Driven (S	andpoint)	L	Du	g				was hole reto		ou hurbotod	_ ∐Ye		, ∐N/A
X Other (specify): _G	eoprobe						with v	vater	chips were u from a known	safe source	?	□ _{Ye}	s LIN	N/A
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Was well annular space g	was stood 2	\Box	es [Пио	П	Unknown		жсте				ntonite C	nips	
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If yes, to what depth (feet	} 1	Deptinit	o Water	(reet)	ľ	•	1 ====		ite Chips	<u></u>	Bentonite -			
				The transfer built			LJG	anula	ar Bentonite		Bentonite -	Sand S	шпу	· ·
5. Material Used To Fill	Well / Dr	illhole					From	ft.)	To (ft.)	Pour	ıds			
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8. Comments		1500								14411				
G-3 Abandoned by (Geiss Soil	& Samples	LLC u	nder l	METC	O superv	sion.							
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7. Supervision of Wo	rk					<u> </u>						l Use C		
Name of Person or Firm I	Doing Filli	ng & Sealin	g Lice	nse#		Date of F	_		g (mm/dd/yyy	y) Date Rec	elved	Note	1 By	
Eric Dahl/METCO						<u> </u>	8/11/2							
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	llette Stre	et, Suite 3					(608) 7			Paris Control	application of		Cinnad	
City			State		Code		Signatu	re-ef	Person Doin	g #VOFK		Date	Signed 9/2/201	14
La Crosse	,		WI		54603-				_ <i></i>				714140	17

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

	3 W441	-1 G1	1	Route to: Drinking	Water		Vatershed/Wa	stewater	[X]Remed	diation/Redevelopr	nent		
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or Gov't Lot #				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	H_{w}	L		n Greenfield					
				N		Present Well							
Well Street Address	n 4							en Greenfield					
N2828 West Rock River				Well ZIP C	nde	-Mailing Addr	ess of Presen			D d			
Well City, Village or Town				53963-	W			N2828	West Rock Ri				
Waupun Subdivision Name				Lot #		City of Prese			State	ZIP Code			
Subdivision Manie							Waup		WI	53963-	Satud.		
Reason For Removal From	n Service	WI Unia	ue Well	# of Replacer	ment Well	4. Pump, L	Iner, Scree	n, Casing &	Sealing Mai		<u> Marija</u>		
Sampling Complete				·		Pump and	piping remov	ved?	<u>_</u>		N/A		
3. Well / Drillhole / Box	manala in	formatio				Liner(s) re					N/A		
2. Mail / Diffillore / Doi				n Date (mm/	(dd/vyvy)	Screen re	moved?				N/A		
Monitoring Well .	Γ.	igiziai ooi		/2014		į.	ft in place?			Yes No 2	X] _{N/A}		
Water Well		a Moll C		on Report is a	available		ng cut off belo	w surface?	Ţ	Tyes INO [7	X] _{N/A}		
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		moponity				If bentoni	a chine ware i	sed were the	y hydrated		٦		
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[X] Unconsolidated Form		<u> </u>	Bedro		×		ned & Poured		(Explain): G				
Total Well Depth From Gr		ace (ft.)	Casing (Diameter (in.))	(Bento	nite Chips)	L-7 Other	(explain)				
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The agriculture of the second	2011-25-715 n	aliane	AU HEAR	3 - 124 - 125 - 12	0.055E6	11 NACT 1828 1974	The Howard Co.	11 To 12 To		1			
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6. Comments						<u> </u>					<u> </u>		
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	llette Stre	et, Suite 3	01 FD 424-475-44-4	ZIP Code		(608) 781-	8879 FPerson Doin	a)Work	, Ewa jaz, jizi i (v. 15.45). M	Date Signed			
City			State	54603-		Signature o	6.3011 170111	a rivin	ſ	9/2/2014			
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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.

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vertication only of the and occur						ater				slewater [X] Remediation/Redevelopment					
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1. Well Location Informa	tion-		C. Service		e ket		2. Facility	/ Owner Info	ormation		nek alug				
	Unique We		Hid	cap#			Facility Name								
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74174 14	Sect		Towns	hip	Range	TE	Original Well								
or Gov't Lot #				N		H₩			n Greenfiel	d					
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N2828 West Rock River Ro	ad						Mailing Addr	ess of Presen		;ju					
Well City, Village or Town				Well:	ZIP Code	÷	N2828 West Rock River Road								
Waupun				1	963-		City of Prese	nt Owner			State	ZIP Code			
Subdivision Name				Lot#			'	Waup	oun		WI	53963-			
			_ 102H 44	of Do	placemer	at thinti	4. Pump, Liner, Screen, Casing & Sealing Material								
Reason For Removal From S	iervice (vi	i Munda	e vyen #	O! IVE	piacemen	er a agai	Pump and	f piping remov	æd?			(es DNo	[x] _{N/A}		
Sampling Complete 3. Well / Drillhole / Borel			53 (S-12)		11111111111111	ire a sec	Liner(s) re					res \square_{No}	$[x]_{N/A}$		
3. Well / Drillingle / Borer		C. 1		Dote	(mm/dd/	unni									
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Water Well									w curface?			res 🗆 No	[x] _{N/A}		
[X] Borehole / Drillhole		e attac		ii i sepi	U) 1 (IS 1212	miore,	Did sealing material rise to surface? [X]Yes \(\subseteq No \) \(\subseteq N/A \)								
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·	2	1					∐ Sand-0	Cement (Conci	rete) Grout			-Sand Slumy	H K		
Was well annular space grou	dod2	$\overline{\Box}$	es [□No		nkriown	Toncrete X Bentonile Chips For Monitoring Wells and Monitoring Well Boreholes Only:								
						110 101111	i	=	Monitoring V						
If yes, to what depth (feet)?		epu i	o Water	(ieet)			1	ite Chips		=	ite - Ceme				
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6. Comments								<u> </u>		4040.74			3		
G-5 Abandoned by Geis	ss Soil & Sa	mples	, LLC ui	nder N	METCO:	supervi	sion.								
7. Supervision of Work	4 35 4 4		Ren Jaron	VII.							NR Use	Only			
Name of Person or Firm Doir	ng Filling &	Sealin	g Licen	ışe#	D	ate of F	lling & Sealin	g (mm/dd/yyy	y) Date Re	celved	Not	ed By			
Eric Dahl/METCO	· -						8/11/2014								
Street or Route						Г	elephone Nun		Comme	its	Chalcal N				
	te Street, Si	uite 3				(608) 781-8879				3 (11)					
City			State	1	Code		Signature of	Person Doing	g Work		Dal	e Signed			
La Crosse			WI	5	4603-		F>	1/~			į	9/2/2014	ŧ .		

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

☐ Verification Only o	of Fill and S	eal		ne to: Drinking Waste N	Water Ianagemer	\exists	Vatershed/Wa Other:	estewater	[X]Rem	ediation	/Redevelo	opment		
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FOND DU LAC				1- / 1-	atmodfo.co	Facility ID (FI	ID or PWS)							
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88 48.05.		·w												
14114 14	Section	n To	wnshi	p Rang	PETE	Original Well		~ ~.						
or Gov't Lat #				N	⊢Hw			n Greenfield						
Well Street Address	1			• • • • • • • • • • • • • • • • • • • •		Present Well								
N2828 West Rock River	Road					10.97		en Greenfiel	a			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Well City, Village or Town			M	ell ZIP C	ode	-Mailing Addr	ess of Preser		B West Rock I	Divor D	nad			
Waupun			1	53963-		Oh of Desce	-t Owner	19202	State		Code			
Subdivision Name			L	ot#		City of Prese			WI	1	53963-			
						200 TO SERVE STATE OF THE SERVE	Wauj				337 0 3-	Simple Division		
Reason For Removal Fron	Service M	Unique W	ell # of	Replace	ment Well	4. Pump, L	aner, Scree	n, casing o	Sealing M	Iteriai	Activity of	os manan. Tari		
Sampling Complete						Pump and	l piping remo	ved?		니Yes	⊣No	X N/A		
3. Well / Drillhole / Bar	ehole Inform	ation	i North	and Co	e gyre-din	Liner(s) re	emoved?			∐Yes	ЦNo	[X] _{N/A}		
	SAUGAL MANNAGO CONTRACTOR	I Construc	tion D	ate (mm/	dd/yyyy)	Screen removed?								
Monitoring Well			/11/20	-	****	Casing left in place?								
Water Well	if a W	ell Constru			available.	Was casir	ng cut off belo	w surface?		\square_{Yes}	□ _{No}	$[x]_{N/A}$		
[X] Borehole / Drillhole		attach.			·		ig material ris)	$[x]_{Yes}$	\square_{No}	$\square_{N\!/\!A}$		
Construction Type:	1						ial settle after			□Yes	[v]	□ _{N/A}		
	Oriven (Sandpo	int)	П	Dug			, was hole ret			□yes		□ _{N/A}		
X Other (specify): Ge	7		lance!				e chips were i		ey hydrated			[]		
	оргове						trom a knowl			L_IYes	<u> </u>	LIN/A		
Formation Type:							ctor Pipe-Grav		ductor Pipe-P	umnad				
[X] Unconsolidated Form			drock				ed & Poured							
Total Well Depth From Gr		ft.) Casin	g Dian	neter (in.)		(Bentonite Chips)								
	12			turniya di ta		Sealing Mate			П.,		44.4.15			
Lower Drillhole Diameter (in.) 2	Casin	g Depl	th (ft.)			ement Grout		=		urry (11 lb	-		
	<u></u>	l					Cement (Cond	rete) Grout			nd Slurry '			
Was well annular space gr	routed?	Yes		No [Unknown	L Concre			[X] Bento		ps			
		epth to W	ater (fe	oot)			=	Monitoring VV	ell Boreholes		C-4-1-4			
If yes, to what depth (feet)	"	ehtu to vv	ater (ii	een			iite Chips	<u> </u>	Bentonite - C					
			: 12.44 11.4402		an a Mariantan	☐ Granul	ar Bentonite		Bentonite - S	and Siu	ny			
5. Material Used To Fill	Well / Drillhol	6				From (ft.)	To (ft.)	Pow	ıds			···		
Bentonite Chips	***************************************				······································	Surface	12		18					
							· ·				-			
									, , , , , , , , , , , , , , , , , , , ,	\Box				
8. Comments			11 - 1 - 124 2 - 2 - 1	gaariy.										
G-6 Abandoned by C	Geiss Soil & Sa	mples, LL	C und	er METO	CO superv	sion.		aran garan a	the of his copy of the same of the			oMie tot		
7. Supervision of Wor	k		ve ralier Veranier						DNR (Jse On	ly			
Name of Person or Firm D		Sealing 1	icense	e #	Date of F	illing & Sealin	g (mm/dd/yyy	y) Date Rec		Noted		1.1314		
Eric Dahl/METCO				-		8/11/2014						il Piggil i sa		
Street or Route					<u> </u>	Telephone Number Comments								
	lette Street, Su	ite 3				(608) 781-8879								
City		Sta	te	ZIP Code	!	Signature of Person Doing Work Date Signed								
La Crosse	,	l v	VI	54603	-	9/2/2014						4		
							•							

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

		R	oute to:		Γ]	d4	[v]	iation/Redevelopmer				
Verification Only o	of Fill and Seal		Drinking			Watershed/W	vasiewaier	[v] Kellien	audinkedevelopitiei				
		January 19	waste ivi	anagemer		Other:	20.017.21.17.17.27.27.17.11.12	ware raketa ir bra					
1. Well Location Inform	and the second s	Hybor	adoutic	te feet	and the control of th	ty / Owner In	formation						
	WI Unique Well # of Removed Well	Hic	ap#		Facility Na		Tald Dunmands. X	W DOT					
FOND DU LAC					Eggille (D	(FID or PWS)	ield Property - \	WIDOI					
Lattitude / Longitude (Degr	ees and Minutes) N	lethod C	ode (see ins	structions)	Pacinity 1D	(FID 01 F943)	42011552	20					
43 - 38.7	'N				License/Pa	ermit/Monitorin							
88 • 48.05	·w					,,,,							
W/W W	Section	Towns	hip Range	. UE	Original W		·						
or Gov't Lot #		1	N	H_{w}^{-}			len Greenfield						
Well Street Address			131		Present W		Glen Greenfield						
N2828 West Rock River	Road				Mailing Ad	dress of Prese		,	The second secon				
Well City, Village or Town			Well ZIP Co	xde	-inamit w	(1555 OI 11656		West Rock Riv	er Road				
Waupun			53963-		City of Pre	sent Owner		State	ZIP Code				
Subdivision Name			Lot#				upun	WI	53963-				
		4.6.1.14.45			4. Pump		en, Casing & S	Sealing Mate	rial				
Reason For Removal Fron	n Service Wi Uniqu	e vvek #	of Replacen	ieni yyea	Pump and piping removed?								
Sampling Complete	-	S - 470, 385, 1			Liner(s) removed?								
3. Well / Drillhole / Bor	enoie information Original Con		Data (mm/c	idhanai)	¥ ``	removed?		Ē	Yes No [x]				
Monitoring Well	Original Con	8/11/		iciyyyy)				F***	lyes □No [X]N				
Water Well	if a Well Co			vaitable	Casing left in place? Was casing cut off below surface? Yes No X								
X Borehole / Drillhole	please attac		i treboit is a	villacie,	1	•	ise to surface?	_	lyes ONO ON				
Construction Type:						terial settle afte		_	Yes [X]No ON				
Drilled [Driven (Sandpoint)		Dug		1	es, was hole re		-	Yes DNO DN				
ř5	eoprobe		_		If bento	nite chins were	used, were they vn safe source?	hydrated —	Yes No No				
Formation Type:							ing Sealing Mate		1100 -1				
X Unconsolidated Form		Bedrock				ductor Pipe-Gra	· · · · · · · · · · · · · · · · · · ·	ıctor Pipe-Pum	ped				
Total Well Depth From Gr					Scre	ened & Poured	i [x] Other	(Explain): Gr	avity				
Total West Depth From On	8	asing Ox	micros (m.y		(Bentonite Chips) Crare (explain): Grantly Sealing Materials								
Lower Drillhole Diameter (in.) C	asing De	pth (ft.)			Cement Grout	t	Clay-Sar	nd Slurry (11 lb./gal.				
·	2	_			_ ☐ San∢	d-Cement (Con	icrete) Grout	Bentonit	e-Sand Slurry " "				
Was well annular space gi	routad?	es [No 🗆	Unknown	Con			X Bentonit	•				
		o Water		0,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		=	Monitoring Well						
If yes, to what depth (feet)	у Берин	O AASTOI	(ieet)		1 ==	lonite Chips	= =	lentonite - Cen					
The second second section of the second seco			egerekistek ber (d.).	9-dremaunus	1 1002H 380899	nular Bentonite	3186 · · · · · · · · · · · · · · · · · · ·	lentonite - San	a Siurry				
5. Material Used To Fill	Well / Drillhole				From (ft) To (ft)	Pound	ls	<u> </u>				
Bentonite Chips					Surface	8	12		<u> </u>				
44.00									<u> </u>				
			<i></i>		1			record factor and the second					
6. Comments					to the second of the second								
G-7 Abandoned by G	Geiss Soil & Samples	, LLC ur	ider METC	O supervi	sion.								
7. Supervision of Wor		377-11-1						DNR Us	e Only				
Name of Person or Firm D		a Licen	se#	Date of F	illing & Sea	ling (mm/dd/yy	yy) Date Recei	and the state of t	oted By				
Eric Dahl/METCO		٠ [8/11/20		Likkija						
Street or Route				i li	Telephone Number Comments								
	lette Street, Suite 3			((608) 781-8879								
City		State	ZIP Code		Signature	of Person Doi	mg Work	Da	ate Signed				
La Crosse		WI	54603-		レニ		2-6		9/2/2014				

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

☐ Verification Only of F	ill and Seal]	Drinking Waste N) Water Managemer	t E	Watershed/Wa	stewater	[X]Remedi	ation/Redeve	elopment		
1. Well Location Informati	òn.	C-dia	e istologija Periodakšių		2. Facilit	y / Owner Info	mation		10288	2X986 555 55		
County MI	Jnique Well # o	f Hic	ap#		Facility Na							
FOND DU LAC	noved Well	- 1				Greenfiel	d Property - W	I DOT				
Lattitude / Longitude (Degrees	and Minutes)	Method C	orle (see in	structions)	Facility ID	(FID or PWS)						
43 • 38.7	'N	HORIOG O	000 (000 H	100 0000110)	ļ <u>.</u>		420115520	****				
88 • 48.05	w				License/Pe	ermit/Monitoring	#					
<u> </u>	Section	Towns	hip Rang		Original W	ell Owner						
or Gov't Lot #		10,11,0	1	<u>Ll</u>	1	Gler	ı Greenfield					
Well Street Address			N	W	Present W	ell Owner						
						Gle	n Greenfield					
N2828 West Rock River Roa Well City, Village or Town	<u> </u>		Well ZIP C	orie	Mailing Ad	dress of Present						
Waupun			53963-	OUE			N2828 W	est Rock Rive		· · · · · · · · · · · · · · · · · · ·		
Subdivision Name			33703- Lot#		City of Pre	sent Owner		State	ZIP Code			
Suparaisin rame			LUI IF		Waupun WI 53963-							
Reason For Removal From Se	rvice MI Unia	ue Well #	of Replacer	ment Well	4. Pump, Liner, Screen, Casing & Sealing Material							
Sampling Complete					Pump and piping removed?							
3. Well / Drillhole / Boreho	le Informatio	nos das	z kortónica.	1.00049300	Liner(s) removed?							
	Original Cor		Date (mm/	(dd/vvvv)	4	removed?			Yes INO	X _{N/A}		
Monitoring Well	J. 1.3	8/11/2	•		Casing left in place?							
Water Well	if a Well Co			available.	1	sing cut off belov	w surface?		Yes DNo	x N/A		
[X] Borehole / Drillhole	please atta		, topart is .		1	ling material rise			Yes DNo			
Construction Type:					1	erial settle after:			Yes [X]No	ALEXANA.		
Drilled Drive	n (Sandpoint)	Г	Dug		1	es, was hole reto		[3	Yes DNo			
X Other (specify): Geopre		L	<u></u>		If bentor	nite chips were u	sed, were they h	vdrated -	- Personal			
					100	er from a known tethod of Placing			Yes Line	LJN/A		
Formation Type:		~			1	luctor Pipe-Gravi		ar tor Pipe-Pumj	and .			
X Unconsolidated Formation	******	Bedrock			_ =	ened & Poured	7 : : :					
Total Well Depth From Ground		asing Dia	meter (in.)		(Bentonite Chips)							
1 - D30-1-011-35-1	11)! D-	_ tt_		Sealing Ma			П си e.a.	d Charma (44 l	So Joseph wet S		
Lower Drillhole Diameter (in.)	2	asing De	ptn (it.)			Cement Grout	ndan) Canada		d Slurry (11 i -Sand Slurry			
· · · · · · · · · · · · · · · · · · ·	<u>1</u>	· · · · · ·			Conc	-Cement (Concre		X Bentonite	-			
Was well annular space groute	d? 📙	Yes L	No L	Unknown	1000	rete ring Wells and M						
If yes, to what depth (feet)?	Depth	to Water	(feet)	*******	[onite Chips		ntonite - Cem				
•					, <u></u>	ular Bentonite		ntonite - Sand				
5. Material Used To Fill Well). Drillings				From (ft.		Pounds					
The second of the second secon		an entre entre			A DESCRIPTION OF THE PROPERTY OF THE PERSON		(* 					
Bentonite Chips			······································		Surface	11	16.5					
					1							
6. Comments G-8 Abandoned by Geiss	Soil & Samples	, LLC un	der METC	O supervi:	sion.					3633 AR.		
7. Supervision of Work		* 1. T. A.						DNR Use	Only			
Name of Person or Firm Doing	Filling & Sealir	ig Licens	se #	Date of Fi	lling & Seali	ng (mm/dd/yyyy) Date Receive	d No	led By			
Eric Dahl/METCO					8/11/201	4		ing parties				
Street or Route		•		To	elephone Nu	ımber	Comments		1918 1918 1918 1918 Control 1918 1918 1918	- 1000		
709 Gillette	Street, Suite 3			[((608) 781-8879				a de 1800 de 1918 Espainos			
City		State	ZIP Code	The state of the s	Signature of Person Doing Work Date Signed				· · · · · · · · · · · · · · · · · · ·			
La Crosse .		WI	54603-		9/2/2014							

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

			R	oute to:						r		
☐ Verification Only o	of Fill a	nd Seal		Drinking	Water		Ľ۱	Vatershed/Wa	stewater	[X]Remed	liation/Redevelopmer	10
				Waste N	/lanagemen	t		Other:				_
1. Well Location inform	nation		100 C		7 47 16 17 17	2. Fac	illty	/ Owner Info	ormation			77 T
County	VVI Uniqu	e Well # of	Hi	cap#	33.2.76 3. 2.2.32	Facility	220000					name'r
•	Remove	ł Well	ı	-				Greenfie	ld Property - V	VI DOT		
FOND DU LAC	<u> </u>			N 0	-ttft	Facility	(D (F	D or PWS)				
Lattitude / Longitude (Degi 43 • 38.7	rees and		unoa u	Joge (see in	istructions)				42011552	0		_
		'N				License	/Pem	nit/Monitoring	#			
<u>88</u> <u>48.05</u> .		wl -				<u></u>						
X1% X		Section	Fowns	ship Rang	X ME	10riginal	Well	Owner	n Greenfield			
or Gov't Lot #				N	Ηw	Present	161-11		n Greennea			—
Well Street Address						Preseni	vveii		en Greenfield			
N2828 West Rock River	Road					Mailing	Adda	ess of Presen		 		
Well City, Village or Town		**************************************		Well ZIP C	ode	- Triaining	Audi	500 OI 1 100011		Vest Rock Ri	ver Road	
Waupun				53963-		City of	⊃rese	nt Owner	*2	State	ZIP Code	
Subdivision Name				Lot#				Waup	านท	wı	53963-	
						4. Pur	no L		n, Casing & S	ealing Mat	arial	
Reason For Removal From	n Service	Wi Unique	Weli #	of Replacer	ment Well	7.	C-10 (10% C-12)	gar / 1985 / 1985 / 1985 / 1985 / 1985 / 1985 / 1985 / 1985 / 1985 / 1985 / 1985 / 1985 / 1985 / 1985 / 1985 /	,			1/A
Sampling Complete		<u> </u>				4		piping remov	/ea/	<u> </u>	יוסו וויין וויין	
3. Well / Drillhole / Bo	Free Section Land, Land	2 Sept. 188, 30 8 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.				_		moved?		_	7	
Monitoring Well	P	riginal Consi			(dd/yyyy)	1		moved?			7 F7 (v)	
Water Well	-			/2014		-		t in place?				
X Borehole / Drillhole		f a Well Cons dease attach		n Report is a	available,	1		ng cut off belo		L Tr	Yes LING XIN	
%#		nedse anami	•			1		g material rise		1º	i kai 🖂	N/A
Construction Type:			r	٦				ial settle after		-		V/A
5 J	Driven (Sa	andpoint)	L	Dug				. was hole reto e chios were u	oppea? .sed, were they	hvdrated —	JYes ∐No ∐N	N/A
X Other (specify): _G	eoprobe					with	water	from a known	safe source?	<u> </u>	Yes LINO LIN	WA_
Formation Type:									g Sealing Mate			
[X] Unconsolidated Form	nation		3edroc	k				tor Pipe-Grav ed & Poured	7 7 7	ctor Pipe-Pur	,	
Total Well Depth From Gr	ound Sur	face (ft.) Ca	sing D	ameter (in.))	קטן	sento:	nite Chips)	[X] Other (Explain): Gr	avity	
	12					Sealing	Mate	riais				
Lower Drillhole Diameter	(in.) 2	Ca	sing D	epth (ft.)				ernent Grout		= ' '	nd Slumy (11 lb./gal.	wt.)
								ement (Conci	rete) Grout		te-Sand Sturry " "	
Was well annular space g	routed?	Ye	s [□No □			oncre			[X] Bentoni	•	
If yes, to what depth (feet)		Depth to	Water	(feet)					vionitoring Well	<i>porenoies Or</i> entonite - Cer		
it yes, to wind depth (look	γ,	Pop.ii ((,		1 = -		ite Chips		entonite - Cei entonite - Sai		
	STEEL SECTION					100000	8 E E	ar Bentonite	a de la composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della comp	₩	KI Glury	
5. Material Used To Fill	Well / Dr	illhole				From	*****	To (ft.)	Pound	S		
Bentonite Chips						Surf	ace	12	18			
1. 185531. 19 19												
								<u> </u>		VI - 201 - 201 - 101 - 101 - 101		
6. Comments		200					11.79					2
G-9 Abandoned by C	Geiss Soil	& Samples,	LLC u	nder METO	CO supervi	sion.						
7. Supervision of Wor	·k			4 ,						DNR Us	e Only	
Name of Person or Firm I		ng & Sealing	Lice	nse#	Date of F	iling & S	ealin	g (mm/dd/yyy	y) Date Receiv	red N	oted By	
Eric Dahl/METCO						8/11/			i asimada		togrifikasiyy akka	
Street or Route				,	T	elephone	Nun	nber	Comments			
709 Gil	llette Stre	et, Suite 3			[608)	/ <u>81-</u> 8	8879			erings bekarete ar ev skildelig. Di faktigliggige kan ekkarat sydsen	
City	•••	ķ	tate	ZIP Code			ice of	Percen Doing	g Work	C	ate Signed	
La Crosse		1	WI	54603-	•	2		1/2	·e	l	9/2/2014	

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

		R	oute to:		_			r 1			
Verification Only of	Fill and Seal		Drinking	Water	'∐'	Watershed/Was	lewater	XRemedia	tion/Redevelopment		
-			Waste M	lanagemen	t 🔲 (Other:					
1. Well Location informa		desir is	U. S. 157. (1). 1		2 Facility	/ Owner Info	nii ellen		PRIERRAMINALIS DA		
11.19	/I Unique Well # o	e Hi	ейни <i>т</i> Сар#	([3590W1830399115	Facility Nam	A CONTRACTOR OF THE PARTY OF TH	A CARBO CONTO A SUNTA A SUNTA SUNTA		MARCHES TO SERVICE STATE OF THE SERVICE STATE OF TH		
į R	emoved Well	` ["	,				d Property - V	TOG IV			
FOND DU LAC					Facility ID (F	ID or PWS)					
Lattitude / Longitude (Degree	es and Minutes)	Method C	ode (see in:	structions)	, ,	•	42011552	0			
43_ • _38.7	'N				License/Perr	nit/Monitoring #					
88 48.05	·w										
<u> </u>	Section	Towns	hip Rang		Original Well	Owner					
	- Decauli	10	· ·			Glen	Greenfield				
or Gav't Let#			N	W	Present Wel	Owner					
Well Street Address							n Greenfield				
N2828 West Rock River R	oad	, <u></u>	Well ZIP Co	ode	Mailing Addr	ess of Present					
Well City, Village or Town			53963-	uue			N2828 V	est Rock Rive			
Waupun Subdistalan Mana			53963- Lot#		City of Prese				ZIP Code		
Subdivision Name			LO: #			Waupi		WI	53963-		
Reason For Removal From	Sandra William	ue Well #	of Replacer	ment Well	4. Pump, I	Jner, Screen	, Casing & S	ealing Mater			
	3014100		•. • •		Pump and	d piping remove	ed?		res No XNA		
Sampling Complete 3. Well / Drillhole / Bore	Labelusamasis		CONTROL OF A		Liner(s) re				res No [X]N/A		
3. Well / Dilition Dule			Date (mm/	dd/www)	Screen re				res No XNA		
Monitoring Well	Chyman Col		2014	44,3333		ft in place?		Ţ,	res No [X]N/A		
Water Well	if a latell Co		n Report is a	mailahla		ng cut off belov	u eurface?		res No [x] _{N/A}		
X Borehole / Drillhole	please atta		ii Kehori is i	avanathe,	1	-		[x]			
Construction Type:					1	ng material rise			Yes [X]No DNA		
	iven (Sandpoint)	Г	Dug			rial settle after : , was hole reto			Yes No NA		
		L			If hentoni	Ia chine ware : 6	ent were they	budested			
X Other (specify): Geo	probe					from a known			Yes Uno Unia		
Formation Type:	_	_			1 —	thod of Placing	t	iai ctor Pipe-Pump			
[x] Unconsolidated Forma	tion	Bedroc	k			ctor Pipe-Gravi ned & Poured	~ = =	, ,			
Total Well Depth From Grou	und Surface (ft.)	Casing D	ameter (in.)		(Bento	nite Chips)	LAJ Other (Explain); Gra	vity		
	11				Sealing Materials						
Lower Drillhole Diameter (in	1.)	Casing D	epth (ft.)		Neat Cement Grout Clay-Sand Slurry (11 lb./gal.						
						Cement (Concr	ete) Grout	: :	-Sand Sturry " "		
Was well annular space gro	outed?	Yes [□N₀ □	Unknown	L Concr		b d 	[X] Bentonite			
If yes, to what depth (feet)?		to Water	(feet)		or Moniton	ng Weils and M	- Comments	<i>Borenoies Om)</i> entonite - Cem			
ii yes, to wist depth (leet):	PCM.	10	(1004)		-	nite Chips	- Primary				
The second second second second second	politica access are 1700 per again a	risco edistribus	sagai Madhag di 1965 da	Spublishing (1977)	ra seeme nets e-su	lar Bentonite	11 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	entonite - Sand	1		
Material Used To Fill V	Vell / Dritthole			Haran III	From (ft.)	To (ft.)	Pound	S			
Bentonite Chips					Surface	11	16	5			
6. Comments											
G-10 Abandoned by G	eiss Soil & Samp	es, LLC	under MET	CO super	vision.			•••			
<u> </u>											
7. Supervision of Work				<u></u>				DNR Use			
Name of Person or Firm Do	oing Filling & Seal	ng Lice	nse#	Date of F	_	ng (mm/dd/yyyy) Date Receiv	ed No	ted By		
Eric Dahl/METCO					8/11/201		Callabata a	digulgan di			
Street or Route				Ī	elephone Nu		Comments				
709 Gille	ette Street, Suite 3				(608) 781-		Albert District				
City		State	ZIP Code		Signature o	Person Daing	-Work	Da	te Signed		
La Crosse		WI	54603-	_	E 9/2/2014						

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

Verification Only	of Fill and Seal		o: inking Water aste Managemer		Vatershed/Was	stewater	X Remed	diation/Redevel	opment
1. Well Location inform	nation-			2. Facility	/ Owner Info	rmation	ing diskurayi. Barangar		
1 3 Comment of the Co	VI Unique Well # of	Hicap #	· · · · · · · · · · · · · · · · · · ·	Facility Name	C2 march contract		Character Annual Laboratory Control of Contr		
FOND DU LAC	Removed Well				Greenfiel	d Property - W	TOO I		
Lattitude / Longitude (Degi		Codo (e	aa inatrustiane)	Facility ID (F	ID or PWS)				
43 • 38.7		IRMIDA COGO (S	see ii isii uciioiiis)			420115520)		
	'N			License/Perr	nit/Monitoring	#			
88 48.05 .	<u>. w</u>								
14114 14	Section	Township	Range E	Original Well		ı Greenfield			
or Gov't Lot #		N	□w	Present Well		Greenwa			
Well Street Address				- resent ven		n Greenfield			
N2828 West Rock River	Road			Mailing Addr	ess of Present				Para y ranyay sajina sisa
Well City, Village or Town		Well 2	ZIP Code	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			est Rock Riv	ver Road	
Waupun			63-	City of Prese	nt Owner		State	ZIP Code	
Subdivision Name		Lot#			Waup	un	wı	53963-	
	· · · · · · · · · · · · · · · · · · ·	e Well # of Rep	Incoment Mail	4. Pump, L	.iner, Screen	i, Casing & S	ealing Mate	erial	francisco Salendaria
Reason For Removal From	u 26taice hai puido	e Asen # or Uel	DIACEMENT AACH	Pump and	l piping remov	ed?		J _{Yes} \square_{No}	[x] _{N/A}
Sampling Complete				Liner(s) re	, , ,] _{Yes} □ _{No}	$[x]_{N/A}$
3. Well / Drillhole / Box		struction Date	(mm/ddissess)	Screen re				Jyes \square_{No}	$[x]_{NA}$
Monitoring Well	Original Con-	8/11/2014	(1111100133333)		ft in place?			J _{Yes} □ _{No}	X N/A
Water Well	if a \Afell Cor	struction Repo	nt is availahie		ng cut off below	u curface?		Yes UNO	[x] _{N/A}
X Borehole / Drillhole	please attac		nt is arailedic,	1	g material rise		Įχ	Yes DNo	□ _{N/A}
Construction Type:				1	ial settle after	_		Yes [X]No	□ _{N/A}
Drilled	Driven (Sandpoint)	Dug	1	1	was hole reto		r	J _{Yes} \square_{No}	□ _{N/A}
X Other (specify): Ge						sed, were they I safe source?		a 🗀	
						sare source? Sealing Materi		JYes LJNo	LJN/A
Formation Type:		l		I —	ctor Pipe-Gravi		 tor Pipe-Puп	nped	
X Unconsolidated Form		Bedrock		Screen	ed & Poured		xptain): Gr	•	
Total Well Depth From Gr	ound Surface (it.) C	asing Diametei	r.(in.)	· · · · · · · · · · · · · · · · · · ·	nite Chips)		.прилиј.		
Lower Drillhole Diameter (in\	asing Depth (ft	1	Sealing Mate	ement Grout		Clay-Sa	nd Slurry (11 lb	./gat.wt.)
LOWER DIBILIONE CHARLESTER (2	asing Deptit (it	.,		cment (Concr	ete) Grout		te-Sand Slurry	
The state of the s					-		X Bentonit		
Was well annular space g	routed?	es LNo	Unknown	,		ionitoring Well E			
If yes, to what depth (feet)	? Depth t	o Water (feet)		☐ Benton	ite Chips	☐ Se	ntonite - Cen	nent Grout	
	1			Granul	ar Bentonite	Be	ntonite - San	nd Slurry	
5. Material Used To Fill	Well / Drillhole			From (ft.)	To (ft)	Pounds	/ <u></u>		:
Bentonite Chips	<u> Parantia e transita in Italian desi</u>	- 114 14	<u> </u>	Surface	7	10.5	 		
Demonite Cinps									
				 					
6. Comments				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					Darkery F Name of the
G-11 Abandoned by	Geiss Soil & Sample	s, LLC under !	METCO superv	ision.	3 . <u>(1. 104 -)</u>	2	1000	ing at the different Color of	
7. Supervision of Wor	k.					e at a where he	DNR Us	e Only	
Name of Person or Firm D		g License#	Date of F	illing & Sealin	g (mm/dd/yyvy) Date Receive	· · · · · · · · · · · · · · · · · · ·	oted By	
Eric Dahl/METCO	<u> </u>			8/11/2014					Projekt sp
Street or Route			T T	elephone Nun	nber	Comments			
709 Gil	lette Street, Suite 3		[(608) 781-8		ALCONOMICS AND AND AND AND AND AND AND AND AND AND			
City	, , ,		Code	Signature of	Person Doing	Work	lo:	ate Signed 9/2/2014	4
La Crosso		W1 5/	1603.	A .	/ /.			977771114	

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

☐ Verification Only of	Fill and Sea			ng Water : Managemen	. =====================================	Watershed/Wa	astewater	[X]Remed	ation/Redeve	opment			
1. Well Location Informa	illon .		eprêzace.	SOURCESSES	2. Facility	/ Owner Inf	ormation						
The state of the second	I Unique Well ≯	of H	cap#	territori de la competitazione	Facility Nam	ie							
	emoved Well					Greenfie	eld Property - W	I DOT					
FOND DU LAC _			5 - 1 - 4	1	Facility ID (F	ID or PWS)			·				
Lattitude / Longitude (Degree		ì	Jode (see	instructions)			420115520)					
43_ • _38.7	'\				License/Per	mit/Monitoring	#						
<u>88</u> • <u>48.05</u>	·v	/l											
74174 1/4	Section	Town	ship Ra	nge ∏ E	Original We								
or Gov't Lot #			N	Hw			en Greenfield						
Well Street Address		l	141		Present We								
N2828 West Rock River Ro	aad						len Greenfield			M. V. ASATTERITORI12.7			
Well City, Village or Town	940		Well ZIP	Code	-Mailing Add	ress of Preser			D 1				
Waupun			53963-				N2828 W	est Rock Riv					
Subdivision Name			Lot#		City of Pres			State	ZIP Code				
Cabalitison Hame					Waupun WI 53963-								
Reason For Removal From :	Service WI Ur	ique Well #	of Replace	ement Well	4. Pump, Liner, Screen, Casing & Sealing Material								
Sampling Complete		`	`_		Pump an	d piping remo	ved?		Yes UNo				
3. Well / Drillhole / Bore	hole Informat	lon	ANT COST LOCAL		Liner(s) r	emoved?			Yes \square No	$[x]_{N/A}$			
<u> </u>			n Date (mr	n/dd/yyyy)	Screen removed?								
Monitoring Well	3.73		/2014		Casing left in place?								
☐ Water Well	If a Mobile			s available,	1	ing cut off belo	nw surface?		Yes ONO	[x] _{N/A}			
X Borehole / Drillhole	please a		in respond	o aranamic,	1	ng cat on bek ng material ris			Yes \square No	□ _{N/A}			
Construction Type:					1	rial settle afte			Yes [x]No	and the same of th			
	iven (Sandpoint		Dug			s, was hole ret			Yes DNo				
2 3 mm	•						used, were they I n safe source?						
	JI ODC						n safe source? ng Sealing Materi		Yes LINO	LIN/A			
Formation Type:					1 📥	etnoù di Piadi uctor Pipe-Gra	-	aı tor Pipe-Pum	ned				
X Unconsolidated Forma		Bedroo				ned & Poured			•				
Total Well Depth From Grou		Casing D	iameter (ir	1.)	(Bentonite Chips)								
	12	<u> </u>			Sealing Mat								
Lower Drillhole Diameter (in	.) 2	Casing D	epth (ft.)			Cement Grout			nd Slurry (11 ll				
		l			- F	Cement (Conc	crete) Grout		e-Sand Sturry				
Was well annular space gro	uted?] _{Yes} [□No [Unknown	Concr		Bida without an NAIMH C	[X] Bentonit					
If yes, to what depth (feet)?		th to Wate	r (feet)		g	=	Monitoring Well E						
R yes, to what depin (reer)	٦٠		(1001)			nite Chips		ntonite - Cen ntonite - San					
The Table Commence of the Comm	A Company of Market Company of the C	The state of the	regulation (i)		Figure (40) Notes	lar Bentonite	199		a Siurry				
Material Used To Fill W	ell / Drillhole				From (ft)	To (ft.)	Pounds			<u> </u>			
Bentonite Chips					Surface	12	18						
,													
8. Comments													
G-12 Abandoned by G	eiss Soil & Sam	ples, LLC	under ME	ETCO superv	ision.								
9		. ,		-									
7. Supervision of Work	Yarah a dadah			** **				DNR Use	Only				
Name of Person or Firm Do	ing Filling & Se	aling Lice	nse #	Date of F	illing & Sealir	ng (mm/dd/yy)	y) Date Receive	d No	oted By				
Eric Dahl/METCO	-				8/11/2014								
Street or Route				r	Telephone Number Comments								
709 Gille	tte Street, Suite	3			(608) 781-8879								
City		State	ZIP Cod	de	Signature of Person Doing Work Date Signed								
La Crosse	•	WI	5460	3-	9/2/2014								

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

☐ Verification Only of I	Fill and Seal	ļ.	Route to: Drinking Water Waste Manage		=	Vatershed/Wa	astewater	[X]Remed	iation/Redevelo	opment
1. Well Location informat	ion			7.2	2. Facility	/ Owner Inf	ormation			
	Unique Well #	of H	licap#	ŀ	acility Name		ld Doorsets W	I DOT		
FOND DU LAC				L	acility ID (FI		eld Property - W	1001		w
Lattitude / Longitude (Degrees	and Minutes)	Method	Code (see instructi	ions)	"acamy to (F)	D OL LAND)	420115520	١		
43 • 38.7	'N				icense/Pem	nit/Monitoring		<u>' </u>		
88 48.05.	·w	l		[adinomiconing			· · · · · · · · · · · · · · · · · · ·	<u></u>
V41V4 V4	Section	Town	iship Range	7 E	Original Well					
or Gov't Lot #			N	┥ L			n Greenfield			
Well Street Address					Present Well		G 6.1.1			
N2828 West Rock River Ro	ad			L	A-91* A J.J.		en Greenfield	·· · · · · · · · · · · · · · · · · · ·		
Well City, Village or Town			Well ZIP Code		vialling Addr	ess of Preser		est Rock Riv	or Road	
Waupun			53963-	ŀ	City of Prese	nt Owner	112020 11	State	ZIP Code	
Subdivision Name			Lot#		oith or Liese	Mauj		WI	53963-	
					04202880297344		n, Casing & S	2882122 OF 88848887922	er ssource, assertion exerc	1991 () L
Reason For Removal From S	ervice WI Unio	que Well	# of Replacement V	Vell	r Entitle	iliel, ocies	ii, casiiig a o	Janny Mak	1 1	
Sampling Complete					Pump and	piping remov	ved?	<u></u>		X N/A
3. Well / Drillhole / Boreh	ole Informati	on .		t in	Liner(s) re	moved?		<u> </u>	Yes HNo	[X] _{N/A}
	Original Co	nstructio	n Date (mm/dd/yy)	уу)	Screen re	moved?		<u></u>	Yes No	[X] _{N/A}
Monitoring Well		8/11	/2014		Casing lef	t in place?		L	Yes L No	X _{N/A}
Water Well	If a Well C	constructi	on Report is availab	ble,	Was casir	g cut off belo	w surface?	_	Yes UNO	X N/A
X Borehole / Drillhole	please att	ach.			Did sealin	g material ris	e to surface?	[X	Yes No	∐N/A
Construction Type:					Did mater	ial settle after	r 24 hours?		Yes X No	∐N/A
Drilled Driv	en (Sandpoint)		Dug	- 1	If yes,	was hole ret	opped?		lves □No	□ _{N/A}
X Other (specify): Geopt	robe				If bentonite with water	e chips were : from a knowr	used, were they had safe source?	tydrated [lyes Ino	□ _{N/A}
Formation Type:							g Sealing Materi	al		
[x] Unconsolidated Formatic	nn [Bedro	ek :		Conduc	tor Pipe-Grav	vity Conduc	tor Pipe-Pum	ped	
Total Well Depth From Groun					Screen	ed & Poured nite Chips)	X Other (5	xplain): Gr	avity	
Total Well Depth Total Cross	11	Odonig 2	Noncial (ma)	ŀ	Sealing Mate	Contract Contract				
Lower Drillhole Diameter (in.)		Casing D	Depth (ft.)			ement Grout		Clay-Sai	nd Slurry (11 lb	/gat. wt.)
	2				Sand-C	ement (Conc	rete) Grout	Bentonit	e-Sand Slurry "	
		l.,	П., П.,		Concre	te		[X] Bentonit	e Chips	
Was well annular space groul		Yes	∐No ∐Unkn	10WII	For Monitonn	g Wells and I	Monitoring Well E	Boreholes On	ly:	
If yes, to what depth (feet)?	Depti	n to Wate	er (feet)		☐ Benton	ite Chips	☐ Be	ntonile - Cen	nent Grout	
					Granul	ar Bentonite	L Be	ntonite - San	d Slurry	
5. Material Used To Fill We	II / Drillhole				From (ft.)	To (ft)	Pounds			
Bentonite Chips					Surface	11	16.5	5		
									<u> </u>	
A CAMBALLA				and the second	real control (veh					11.75.75
6. Comments G-13 Abandoned by Gei	ss Soil & Samp	les, LLC	under METCO su	upervis	sion.		<u> Palman (d.a. spilasti</u>	and Kirketta Iraqiy		
7. Supervision of Work								DNR Us	e Only	
Name of Person or Firm Doin	g Filling & Sea	ling Lice	ense# Date	of Fill			y) Date Receive	a N	oted By	1 7 7 7 7
Eric Dahl/METCO					8/11/2014		ikka Tib	ស្ព្រះជាក់សំ	<u> </u>	
Street or Route					ephone Nun		Comments			
709 Gillett	e Street, Suite 3	3			608) 781-8					
City La Crosse		State WI	ZIP Code 54603-		Signature of	Person Doin	g Work	D:	ate Signed 9/2/2014	,
En Close	··		1 2 1003	1						······································

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

, ,, ,			Route to:	:						
Verification Only	of Fill and Sea	.	Drin	king Wate	æ	'v	Watershed/Wa	astewater	X Remed	iation/Redevelopment
_			Was	ste Manag	jemen	t 🔲 (Other:			
1. Well Location infor	nation					2. Facility	/ Owner Inf	omation		
County	WI Unique Well #	of	licap#	SHOULD BUT ON BUTTO		Facility Nam	8		····	
FOND DU LAC	Removed Well	l					Greenfie	eld Property - V	VI DOT	
Lattitude / Longitude (Deg	rees and Minutes	Mathod	Cada (ca	a inetnici	tione)	Facility ID (F	ID or PWS)			
43 • 38.7	'N	Neuron	CO00 (00		anisaj			42011552	0	
						License/Perr	nit/Monitoring	#		
<u>88</u> • <u>48.05</u> -	<u> </u>	<u> </u>								
1/4 1/4 1/4	Section	Tow	nship R	Range _	٦Ē	Original Well		n Greenfield		
or Gov't Lot #		- }	N		w	Present Well		in Greeniteiu		t. 100
Well Street Address						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•	en Greenfield		
N2828 West Rock River	Road					Mailing Addr	ess of Preser	nt Owner		
Well City, Village or Town				P Code					Vest Rock Riv	er Road
Waupun .			5396	i3-		City of Prese	nt Owner		State	ZIP Code
Subdivision Name			Lot#				Wauj	pun	WI	53963-
D	- C Add the	ana YAlali	# of Repla	acomont i	المالا	4. Pump, L	Iner, Scree	n, Casing & S	ealing Mate	irial
Reason For Removal From	u Seivice Mi Oili	dne ases	# Of Lychi	accineta i	k 44241	Pump and	piping remo	verl2		Yes $\square_{No} [x]_{N/A}$
Sampling Complete 3. Well / Drillhole / Bo				1211	**************************************	Liner(s) re] _{Yes} □ _{No} [X] _{N/A}
2. Well / Districte / Bu	Original Co	* 1 - 4 - 10 - 111	nn Date (r	nm/dd/w	wi	Screen re				Yes No [X]NA
Monitoring Well	Onginal O		1/2014	illinaary)	371		ft in place?			Yes No X N/A
Water Well	If a Mill C	~~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ion Report	t ic availal	hie	1	ng cut off belo	Nu eurfana?		Yes DNo [X]N/A
[X] Borehole / Drillhole	please att		ion repor	(IS LYCIIC	. ,	ì	ng cat on beid ng material ris			Yes DNo DNA
Construction Type:	L			·		1	ial settle after		Ī	yes [x]No □N/A
Drilled	Driven (Sandpoint)		Dug				, was hole ret			Yes DNO DN/A
X Other (specify): G								used, were they n safe source?	hydrated	
								n sale source r ig Sealing Mater		Yes LINO LINIA
Formation Type:	r	-				وتقسوا	ctor Pipe-Grav	_ 	ctor Pipe-Pun	noed
X Unconsolidated For		Bedro		<i>n</i>		Screen	ed & Poured		Explain): Gr	•
Total Well Depth From Gr		Casing	Diameter I	(ın.)			nite Chips)			
Lower Drillhole Diameter	11 (in)	Casina	Depth (ft.)			Sealing Mate	enais ement Grout		Clay-Sa	nd Slurry (11 lb./gal. wt.)
Lower Dillinois Diameter	2	Casing	Debui (ic)	•			cment (Conc	rete) Grout		e-Sand Slurry " "
		1	П	<u> </u>		Concre		10107 01001	[X] Bentonit	
Was well annular space g	routed?	l Yes	∐ No	L Unkr	nown			Monitoring Well	F	•
If yes, to what depth (feet)? Dept	h to Wati	er (feet)			1	ite Chips	- humani	entonite - Cen	-
	1					☐ Granul	ar Bentonite	☐ B	entonite - San	d Slurry
5. Material Used To Fill	Well / Dritthole	en velorio di			jari i si	From (ft.)	To (fL)	Pounds	······································	
Bentonite Chips		<u> </u>	2112 1440	The second second	91.1. MF 3	Surface	11	16.		
Dentonite Cirips						Duringe	1,1	10.		· · · · · · · · · · · · · · · · · · ·
						 				
6. Comments		77 77 77	1 1750					ecompotant is		
G-14 Abandoned by	Geiss Soil & Samn	des LLC	under M	IETCO si	nnerv	ision.	2 1.7 (0.148)	<u>aliante a establicar en elegistrológic</u>	AND A SERVICE DE	State and of residence as a second second second
G-14 Abandoned by	Geiss Son & Samp	ics, DDC	, under m	ibico s	uper .					
7. Supervision of Wor	K - 11 11 11 11 11 11 11 11 11 11 11 11 1			in and comment	erenis Pers			15. (4.14.04x,24.5 13)	DNR Us	e Only
Name of Person or Firm D		ling Lic	ense #	Date	e of Fi	lling & Sealin	g (mm/dd/yyy	y) Date Recely	ed N	oted By
Eric Dahl/METCO						8/11/2014			Maria Ja	
Street or Route						elephone Nun		Comments		
709 Gil	llette Street, Suite 3	3			(608) 781-8				
City		State	ZIP C				Person Doing	g Work	þ	ate Signed
La Crosse		l wi	546	503-			/ /		1	9/2/2014

State of Wis., Dept. of Natural Resources

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

Page 1 of 2

Verification Only o	f Fill and Seal	, i	Drinking Waste M	Water anagemen	= = = = = = = = = = = = = = = = = = =	/atershed/Was	stewater	[x]	Remedia	tion/Redev	elopment
1. Well Location Inform	ation				2. Facility	Owner Info	mation				
County	// Vilque Well #	of Hi	cap#		Facility Name				34 11 11		
FOND DU LAC	Removed Well						d Property	- WI DO	Т		
Lattitude / Longitude (Degr		Method (`ode (see in	structions)	Facility ID (FI	D or PWS)					
43 • 38.7	'N	Menior C	ACCO (SEC MA	JD 40001107		1-14 A 14 A	420115	520			
					License/Perm	it/Monitoring	#				
88 48.05.	, w	L — —								···	
14114 14	Section	Town	ship Rang	e ∏E	Original Well		n Greenfield	1			
or Gov't Lot #			N	□w	Present Well						
Well Street Address					103011011011		en Greenfie	ld			
N2828 West Rock River	Road				Mailing Addn	ess of Present	l Owner	.,			
Well City, Village or Town			Well ZIP Co	ode	,			8 West R	ock Rive	r Road	
Waupun			53963-		City of Prese	nt Owner			State	ZIP Code	
Subdivision Name			Lot#		-	Waup	un		WI	53963-	
			1 (5)		4. Pump, L	lner, Screet	ı, Casing	s Sealin	g Mater	ial	
Reason For Removal From	Service Wi Unit	ine Aveir #	of Replacer	пепі учен	Dump and	piping remov	.ad?			res \square_{N}	o [x] _{N/A}
Sampling Complete			linear (gilinani), i sanemia	J. Company	Liner(s) re		cur			res \square_N	[₁₇]
3. Well / Drillhole / Bor			igeneral, som	446 m = 1	4					res □N	fv1
Monitoring Well	Original Co		n Date (mm/	ασιγγγγ	Screen re	t in place?				Yes \square_N	[v]
Water Well			/2014	** * *					[7]	Yes \square_N	[v]
X Borehole / Drillhole	if a Well C		on Report is a	ivaliable,	1	ng cut off belo		n.		Yes \square_N	` ¬
Construction Type:	T precess and				1	g material rise		•		Yes [x]N	
7.	Subsem (Conductor)	ſ	Dug			ial settle after was hole reto			- Janes	`	。 □ _{N/A}
	Oriven (Sandpoint)	L	toug			e chips were u from a known		aey hydra	ited 🗀		
X Other (specify): Ge	oprobe									Yes LIN	N/A لـا ه
Formation Type:	_				1.1	thod of Placing ctor Pipe-Grav	~		ina Dumir	iad	
[X] Unconsolidated Form		Bedroo				gor ripe-Glav ed & Poured			in): <u>Gra</u>		
Total Well Depth From Gr	ound Surface (ft.)	Casing D	iameter (in.)		(Bento	nite Chips)	12-1 Off	er (Explai	n); <u>Ula</u>	vicy	
	7				Sealing Mate				01 Can	- Olema 144	ib./gal. wt.)
Lower Drillhole Diameter (in.) 2	Casing D	epth (ft.)			ement Grout Cement (Conc		=	. •	-Sand Slun	-
		<u></u>			Concre		rete) Groot		Bentonite		,
Was well annular space gr	routed?	Yes	No	Unknown		ne ng Wells and N	Jonitorina V	• •			
If yes, to what depth (feet)	? Dept	n to Wate	r (feet)			ite Chips	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			ent Grout	
. , ,			, ,			ar Bentonite	Ē	_	ite - Sand		
	1	registration start			From (ft.)	To (ft.)	Pou			1	
5. Material Used To Fill	Aseil 1 Dumoie		eprophism is	0.4-P.04.25 - 9-1925	September 1986 (1987)	1100 800 800 100 100 100	100			 	
Bentonite Chips					Surface	7		10.5		┼──-	
											
	value on a local or god to be greater to be			1.7711.00 (6)	14, 34, 3, 13, 13, 13, 13, 13		ee kaluburg ding	gginasyu.	[18 vr]1,6\$6"		
6. Comments								17 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			
G-15 Abandoned by	Geiss Soil & Samp	ies, LLC	under ME I	CO super	viston.						
7 (0.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1		7.571.5 3 8						D	NR Use	Only	
7. Supervision of Wor		lina Lica	nse#	Date of F	illing & Sealin	g (mm/dd/yvv	y) Date Re			ted By	Tarif (100-14)
Eric Dahl/METCO	April 1 amil & Oco		er-white to		8/11/2014						
Street or Route				l II	elephone Nur		Commer	its	(a) / (b)		
	lette Street, Suite	3			(608) 781-					kirka.	
City	<u> </u>	State	ZiP Code	<u></u> <u></u> }		Person Doing	g.Work		Da	te Signed	
La Crosse	-	wı	54603-		6	/	<u></u>			9/2/20	14
						-					

Site Investigation Report - METCO Greenfield Property

APPENDIX D/ WASTE DISPOSAL DOCUMENTATION

DKS Transport Services, LLC

N7349 548th Street Menomonie, WI 54751

715-556-2604

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CUSTOMER

10-30

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Stendard Greatfield 1/2 Notes

Gran to la Prayady

La CASKE W 54603

CASH CHECK #____

IN-HOUSE ACCOUNT

QUAN	ITITY SHIPPED	DESCRIPTION	QTY.	UNIT PR	ICE	AMOUN	IT .
2177	/	Mobilización)	1	274	_	274	_
	2	Mobilization Haul sol drims to Advanced Diposol Ean Clair WE Haul water dress to Advanced Diposol Ean Clair WE	2	103		206	
	Ī	Haufwater dry to Advanced Disposit Egy Clair hot	1/	40	10	40	lo
			<u> </u>				
			-				
		Mank You					
		Man Seta					
Due upon rec	ceipt of inve	oice. Charge (1855 Annual Percentage Rate) will be added to past due accounts.		ТС	TAL.	520	10

SIGNATURE _____

Site Investigation Report - METCO Greenfield Property

APPENDIX E/ OTHER DOCUMENTATION

LUST and Petroleum Analytical and QA Guidence July 1993 Revision

Petroleum Substance Discharged	Analysis of Samples Collected for UST Tank Closure Assessments	Solid Waste Program Requirements for Soils to be landfilled ⁵	Site Investigation, Pretreatment and Posttreatment Sample Analysis ¹¹
Regular Gasoline	GRO ²	Free Liquids ⁶ GRÓ Benzene ⁷ Pb ⁷ Haz. Waste Deter. ⁸	GRO VOC/PVOC ¹⁵ Pb ¹²
Unleaded Gasoline; Grades 80 100, and 100 LL (Low Lead) Aviation Fuel	GRO²	Free Liquids ⁶ GRÔ Benzene ⁷ Pb ⁷ Haz. Waste Deter. ⁸	GRO PVOC
Diesel; Jet Fuels; and No's 1, 2, and 4 Fuel Oil	DRO³	Free Liquids ⁶ DRO Benzene ⁷ Haz. Waste Deter. ⁸	DRO ³ PVOC PAH ¹³ 14
Crude Oil; Lubricating Oils; No. 6 Fuel Oil	DRO³	Free Liquids ⁶ DRO Haz. Waste Deter. ⁸	DRO³ PAH ^{t3} 14
Unknown Petroleum	GRO ⁷ and DRO ³ ⁴	Free Liquids ⁶ GRO and DRO Pb, Cd ⁷ Haz. Waste Deter. ⁸ CN ¹⁹ S ^{2 10}	GRO and DRO ^{3 4} VOC/PVOC ¹⁵ PAH ^{13 14} Pb, Cd ¹²
Waste Oil	DRO³	Free Liquids ⁶ DRO Pb, Cd ⁷ Haz. Waste Deter. ⁸ CN ¹⁹ S ^{2 10}	DRO ³ VOC/PVOC ¹⁵ PAH ¹³ ¹⁴ PCBs ¹⁶ Pb, Cd ¹²

Abbreviations:

GRO - Gasoline Range Organics, Determined by the Wisconsin Modified GRO Method

DRO - Diesel Range Organics, Determined by the Wisconsin Modified DRO Method

VOC - Volatile Organic Compounds (See Section 11.1 for a list of VOC compounds)

PVOC - Petroleum Organic Compounds (See Section 11.2 for a list of PVOC compounds)

PAH - Polynuclear Aromatic Hydrocarbons (See Section 11.3 for a list of the PAH compounds)

PCBs - Polychlorinated Biphenyls

Pb - Lead

SYNERGY ENVIRONMENTAL LAB - Sample Bottle Requirements

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

		WATER SAMPLES	
Test	Original Sämple Container	Preserved	Holding Time
WET CHEMISTRY	n a filtright of the second of		Analysis
Alkalinity SM2320B/EPA 310.2	250 mL HDPE	4°C	
Ammonia EPA 350.1	250 mL HDPE	4°C, pH<2 with H ₂ SO ₄	14 days
BOD, cBOD SM5210B	500 ml HDPE	4°C	28 days
COD EPA 410.4	500 ml HDPE	4°C, pH<2 with H ₂ SO ₄	48 hrs.
Chloride EPA 300.0/EPA 325.2	250 mL HDPE	4°C	28 days
Cyanide SW846 9012A/SM4500-CN-	C 1000 mL HDPE	4°C, pH>12 with NaOH	28 days
Flashpoint SW846 1010	250 mL HDPE	4°C	14 days
Fluoride EPA 300.0	250 mL HDPE	4°C	28 days
Hardness SW846 6010B	250 mL HDPE		28 days
TKN EPA 351.2	1 Liter HDPE	4°C, pH<2 with HNO ₃	180 days
Nitrate EPA 300.0	250 mL HDPE	4°C, ρH<2 with H ₂ SO ₄	28 days
Nitrate+Nitrite EPA 300.0	250 mL HDPE	4°C	48 hours
Nitrite EPA 300.0	250 mL HDPE	4°C, pH<2 with H ₂ SO ₄	28 days
Oil & Grease EPA 1664	1 Liter Glass	4°C	48 hours
Organic Carbon SW846 9060/		4°C, pH<2 with H₂SO ₄	28 days
EPA 415.1 Phenol, Total EPA 420.1	40 ml Glass	4°C, pH<2 with H ₂ SO ₄ or HCL	28 days
Phosphorus, Total EPA 365.3	1 Liter Glass	4°C, ρH<2 with H ₂ SO ₄	28 days
Sulfate EPA 300.0	250 mL HDPE	4°C, pH<2 with H ₂ SO ₄	
Total: Dissolved Solids EPA 160.1	250 mL HDPE	4°C	28 days 28 days
Total Solids EPA 160.1	250 ml HDPE	4°C	7 days
Total Suspended Solids EPA 160.2	250 ml HDPE	4°C	
FIALSE AND AND AND AND AND AND AND AND AND AND	250 mL HDPE	4°C	7 days
Metals			7 days
Mercury SW8467470/EPA 245.1	250 mL HDPE 250 mL HDPE	4°C, pH<2 with HNO ₃	6 months
11000017 0110401410/CF A 243.1		190 11 0	
CANIBOLE MODEL STREET, CONTROL OF	1 250 the HDPE	1 4 C, pH<2 with HNO ₃	
GANIGS ESTER AND AND AND AND AND AND AND AND AND AND		4°C, pH<2 with HNO₃	28 days
200 - 100 -	1 Liter amber glass.	4 C, pH<2 with HNO ₃	
Semívolatiles SW846 8270C	1 Liter amber glass, collect 2 for one of the		28 days
200 - 100 -	1 Liter amber glass, collect 2 for one of the samples submitted.	4°C	
Semivolatiles SW846 8270C	1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass.		28 days
200 - 100 -	1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass, collect 2 for one of the		7 days extr. 40 days following extr
Semivolatiles SW846 8270C	1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass, collect 2 for one of the samples submitted	4°C	28 days
Semivolatiles SW846 8270C PAH SW846 8270C	1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass, collect 2 for one of the samples submitted 1 Liter amber glass.	4°C	7 days extr. 40 days following extr. 40 days following extr. 40 days following extr.
Semivolatiles SW846 8270C	1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass, collect 2 for one of the samples submitted 1 Liter amber glass, collect 2 for one of the samples submitted	4°C	7 days extr. 40 days following extr 7 days extr. 40 days following extr
Semivolatiles SW846 8270C PAH SW846 8270C PCB SW846 8082	1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass, collect 2 for one of the samples submitted 1 Liter amber glass, collect 2 for one of the samples submitted.	4°C 4°C	7 days extr. 40 days following extr 7 days extr. 40 days following extr
Semivolatiles SW846 8270C PAH SW846 8270C	1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass, collect 2 for one of the samples submitted 1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass with	4°C 4°C 4°C	7 days extr. 40 days following extr 40 days following extr 40 days following extr 40 days following extr 40 days following extr
Semivolatiles SW846 8270C PAH SW846 8270C PCB SW846 8082 DRO, Modified DNR Sep 95	1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass, collect 2 for one of the samples submitted 1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass with Tellon lined can	4°C 4°C 4°C 4°C 4°C, 5 mL 50% HCl	7 days extr. 40 days following extr 40 days following extr 40 days following extr 40 days following extr 40 days following extr
PAH SW846 8270C PCB SW846 8082 DRO, Modified DNR Sep 95 VOC'S	1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass, collect 2 for one of the samples submitted 1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass with Teflon lined cap (3) 40 mL glass vials with	4°C 4°C 4°C 4°C 4°C, 5 mL 50% HCl	7 days extr. 40 days following extr 40 days following extr 40 days following extr 40 days following extr 40 days following extr
Semivolatiles SW846 8270C PAH SW846 8270C PCB SW846 8082 DRO, Modified DNR Sep 95	1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass, collect 2 for one of the samples submitted 1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass with Teflon lined cap (3) 40 mL glass vials with Teflon lined septum caps	4°C 4°C 4°C 4°C 4°C, 5 mL 50% HCl 4°C, 0.5 mL 50% HCl, No Headspace	7 days extr. 40 days following extr 7 days extr. 40 days following extr 7 days extr. 40 days following extr 7 days extr. 40 days following extr 7 days extr. 40 days following extr
PAH SW846 8270C PCB SW846 8082 DRO, Modified DNR Sep 95 VOC'S	1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass, collect 2 for one of the samples submitted 1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass with Teflon lined cap (3) 40 mL glass vials with Teflon lined septum caps (4) 40 mL glass vials with	4°C 4°C 4°C 4°C 4°C, 5 mL 50% HCl 4°C, 0.5 mL 50% HCl, No Headspace	7 days extr. 40 days following extr 40 days following extr 40 days following extr 40 days following extr 40 days following extr
Semivolatiles SW846 8270C PAH SW846 8270C PCB SW846 8082 DRO, Modified DNR Sep 95 VOC'S SW846 8260B/EPA524.2	1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass, collect 2 for one of the samples submitted 1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass with Teflon lined cap (3) 40 mL glass vials with Teflon lined septum caps (4) 40 mL glass vials with Teflon lined septum caps	4°C 4°C 4°C 4°C 4°C 4°C, 5 mL 50% HCl 4°C, 0.5 mL 50% HCl, No Headspace 4°C, 0.5 mL 50% HCl prior to adding sample to lar	7 days extr. 40 days following extr 7 days extr. 40 days following extr 7 days extr. 40 days following extr 7 days extr. 40 days following extr 40 days following extr. 14 days
Semivolatiles SW846 8270C PAH SW846 8270C PCB SW846 8082 DRO, Modified DNR Sep 95 VOC'S SW846 8260B/EPA524.2 GRO/VOC	1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass, collect 2 for one of the samples submitted 1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass with Teflon lined cap (3) 40 mL glass vials with Teflon lined septum caps (4) 40 mL glass vials with Teflon lined septum caps (2) 40 mL glass vials with	4°C 4°C 4°C 4°C 4°C 4°C, 5 mL 50% HCl 4°C, 0.5 mL 50% HCl, No Headspace 4°C, 0.5 mL 50% HCl prior to adding sample to lar	7 days extr. 40 days following extr 7 days extr. 40 days following extr 7 days extr. 40 days following extr 7 days extr. 40 days following extr 40 days following extr
Semivolatiles SW846 8270C PAH SW846 8270C PCB SW846 8082 DRO, Modified DNR Sep 95 VOC'S SW846 8260B/EPA524.2 GRO/VOC GRO, Modified DNR Sep 95	1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass, collect 2 for one of the samples submitted 1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass with Teflon lined cap (3) 40 mL glass vials with Teflon lined septum caps (4) 40 mL glass vials with Teflon lined septum caps (2) 40 mL glass vials with Teflon lined septum caps	4°C 4°C 4°C 4°C 4°C, 5 mL 50% HCl 4°C, 0.5 mL 50% HCl, No Headspace 4°C, 0.5 mL 50% HCl prior to adding sample to jar 4°C, 0.5 mL 50% HCl prior to adding	7 days extr. 40 days following extr 7 days extr. 40 days following extr 7 days extr. 40 days following extr 7 days extr. 40 days following extr 14 days following extr 14 days 14 days
Semivolatiles SW846 8270C PAH SW846 8270C PCB SW846 8082 DRO, Modified DNR Sep 95 VOC'S SW846 8260B/EPA524.2 GRO/VOC GRO, Modified DNR Sep 95 GRO/PVOC	1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass, collect 2 for one of the samples submitted 1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass with Teflon lined cap (3) 40 mL glass vials with Teflon lined septum caps (4) 40 mL glass vials with Teflon lined septum caps (2) 40 mL glass vials with Teflon lined septum caps (2) 40 mL glass vials with Teflon lined septum caps (2) 40 mL glass vials with Teflon lined septum caps	4°C 4°C 4°C 4°C 4°C, 5 mL 50% HCl 4°C, 0.5 mL 50% HCl, No Headspace 4°C, 0.5 mL 50% HCl prior to adding sample to jar 4°C, 0.5 mL 50% HCl prior to adding sample to jar	7 days extr. 40 days following extr 7 days extr. 40 days following extr 7 days extr. 40 days following extr 7 days extr. 40 days following extr 40 days following extr. 14 days
Semivolatiles SW846 8270C PAH SW846 8270C PCB SW846 8082 DRO, Modified DNR Sep 95 VOC'S SW846 8260B/EPA524.2 GRO/VOC GRO, Modified DNR Sep 95 GRO/PVOC	1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass, collect 2 for one of the samples submitted 1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass with Teflon lined cap (3) 40 mL glass vials with Teflon lined septum caps (4) 40 mL glass vials with Teflon lined septum caps (2) 40 mL glass vials with Teflon lined septum caps (2) 40 mL glass vials with Teflon lined septum caps (2) 40 mL glass vials with Teflon lined septum caps	4°C 4°C 4°C 4°C 4°C 4°C 4°C, 5 mL 50% HCI 4°C, 0.5 mL 50% HCI, No Headspace 4°C, 0.5 mL 50% HCI prior to adding sample to jar 4°C, 0.5 mL 50% HCI prior to adding sample to jar 4°C, 0.5 mL 50% HCI prior to adding	7 days extr. 40 days following extr 40 days following extr 40 days following extr 40 days following extr 40 days following extr 40 days following extr 14 days 14 days 14 days
Semivolatiles SW846 8270C PAH SW846 8270C PCB SW846 8082 DRO, Modified DNR Sep 95 VOC'S SW846 8260B/EPA524.2 GRO/VOC GRO, Modified DNR Sep 95 GRO/PVOC PVOC	1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass, collect 2 for one of the samples submitted 1 Liter amber glass, collect 2 for one of the samples submitted. 1 Liter amber glass with Teflon lined cap (3) 40 mL glass vials with Teflon lined septum caps (4) 40 mL glass vials with Teflon lined septum caps (2) 40 mL glass vials with Teflon lined septum caps (2) 40 mL glass vials with Teflon lined septum caps (2) 40 mL glass vials with Teflon lined septum caps	4°C 4°C 4°C 4°C 4°C, 5 mL 50% HCl 4°C, 0.5 mL 50% HCl, No Headspace 4°C, 0.5 mL 50% HCl prior to adding sample to jar 4°C, 0.5 mL 50% HCl prior to adding sample to jar	7 days extr. 40 days following extr 7 days extr. 40 days following extr 7 days extr. 40 days following extr 7 days extr. 40 days following extr 14 days following extr 14 days

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

SYNERGY ENVIRONMENTAL LAB – Sample Bottle Requirements

TABLE 2 SAMPLE & PRESERVATION REQUIREMENTS FOR SOIL SAMPLES

			•			
Test	Original Sample		Holding	mes from Dai	te and Time of	Collegion
<u> </u>	Container		Solvent Addition	Shipping	Extraction	
METALS						
Metals	2 oz glass or soil cup	4°C	NA	NA	NA	180 days
Mercury SW846 7471	2 oz glass or soil cup	4°C	NA	NA	NA NA	28 days
Chromium Hexavalent SM3500-Cr	2 oz glass or soil cup	4°C	NA	NA	NA	24 hours
ORGANICS	沙山沙龙 鱼鱼		Sa compagnation of	100 (100 (100 (100 (100 (100 (100 (100	j Žaržinikas se	i This demonstration
Any combinations of GRO, VOC, PVOC	1- tared VOC vial with 10 mls methanol, 13 grams of soil collected with syringe 1- tared VOC vial, 13 grams of soil collected with syringe	4°C, 1:1 with methanol	Immediately 10 days	4 days	21 days 47 days	21 days
PAH, SW846 8270C	jar 2 oz glass untared	4°C	NA NA	NA	14 days	40 days
Semivolatile SW846 8270C	2 oz glass untared	4°C	NA	NA	14 days	40 days
CB SW846 8082	2 oz glass untared	4°C	NA	NA	14 days	40 days

- H weth-calculator result or C.s.at erceeds 10% by weight (the ceiling limit concentration defined in Not, Users Clinde), Notion Erceed 0 C. R.C.C. defaults to 100,000 ppin
- 1 Cots, about to perform cells. Numeric only values under TNPUT Site Data. For NO, use detection limit. Do not type THA nor space train. Leavy purple cells "as is." 2. After completing data entry. See Summary in Row 612

Site Name:

Sample 10

V-32-S I MONT	ε			ex / Cumulative Co	se criteria: Excer Cour	0.00E+0	S Company	
TÖHEM(DRO) 2CHEM(GRO) BURTS No. Here III Known)	Wis, DRÓ Wis, GRÓ	ti	00 00			Gian.		
d and Compounds	7439-92-1 400		0.2	NC .				
ene Internation	57835-92-4 129-00-0 1720 7440-43-9 70.2	0.38	720	nc ca				
thytosphilialene, 2- opyrene, 4-	90-12-0 4010 91-57-6 229	15.6		C3			enas y z	
orene leno[1,2,3-cd pyrene thylnaphthalene, 1-	86-73-7 2290 193-39-5		2290 2290	nc nc				
methylbenz(a)anthracene, 7,12- voranthene	57-97-6 206-44-0 2290	0.04	0.04	ca ca				
benzia hjanihracene	216-01-9 53-70-3 192-65-4	0.01	14.8	Ca Ca				
hrysene	205-99.21 207-08-9	0.15 1.48	0.15	ca ca	£			
enzo() lluoranthene enzo(b) lluoranthene	56-55-3 205-82-3	0.15	0.15	cs		2017年本年120日的 学生发达	(2) 特别人名英格兰	
offivacene enzialanifiracene	63-32-9 3440 120-12-7 17200		3440 17200	ea ec	ļ			
denzolajpyrene Acenaphihene	91-20-3 188 50-32-8	5.15	5.15 0.01	Csa(cs				
Vaplibalene	95-63-6 89.6 (08-67-8 762	0.65	0,65 69.8	ric r				
Carbon Tetrachloride	71-55-6 12300 56-23-5 137	0.65	155 640	Csa(
Dichloroethylene, 1,2-irans Dichloroethylene, 1,2-cis Trichloroethane, 1, 1,	156 60 5 711 156 59 2 156	1	<u>342</u>	nc nc				
Vinyl Chloride	75-01-4 715 75-01-4 93.3 75-35-4 342	30.7	30,7	ca ca				
Felcachloroethylene	106-93.4 107 79-01-6 6.05 127-16-4 115	0.05	0.05	ca ca				
Dibromoethane 1.2.	1634-04-4 23600 107-06-2 46.7	59.4 0.61	59.4 0.61	Csal				
Kylenes Kylenes	108 88 3 5300 1330 26 7 840		818 258	Csa(•		The Property of	No. of the latest of the lates
Ihylbenzene Toluene	100-41-4 4220	1.49	1,49 7,47	C3	(mg/kg)	EX TO THE		
Penzene	The state of the s				INPUT Site Data	diage.		
		100	100	and the second				argel GRUSE

(18140 Substa	nce - NR 140 CA	Fea tary, (ह अ.स.स. १८६२-८५) MCL-265)	^{ъц} - ик но Ба	S RCL-gw (mg/kg) DF=1	Use 2, or input the calculated site-specific Of	2.00	INPUT NUMERIC Site 1985 A SET Type BRR
Acelochlor	74367-5			t mannay const	and absorbe fol		Data Max Flag Gist Here (If Kn (mg/kg) Flog Widullass Assess grou
Acelone	31256 82	· 1		\$.58E-03			(mg/kg) (mg/kg) (aval
Alachlor	67-64	_	9000	1.85E+00	•		(mgikg) it xceedance a levels sepa
Aldicarb	15972-60		2	1.656-03			ALL PROPERTY.
Aluminum	116.06		10	2.49E-03			
Antimony	7429-90		290	3.01E+02			
Anthracene	7440-36		6	2.71E-01			AND DESCRIPTION OF THE PERSON
Arsenic	120-12-		3000	9.84E+01			200
Adresing total colorosted or old	7440-38- 	_ ,,	10	2.92E-01			
Barium	7440-39-	-	3	1.956-03			
Bentazon	25057-89-0		2000	8.24€+01			
Benzene	71 42 -		300	6 59E-02			
Benzulajpyrene (PA)	1 50-32-8	•	5	2.56E-03			Paragraph (Caragraph Carag
Genzolujikuoranihens (PA+	i 205-99-2		0.2	2.35E-01			
Beryllium	440 00 2		0.2	2.40E-01			
Boron	$= -\frac{7440-41-7}{7440-42-6}$		4	3.16E+00			
Gramadichiarcimerisine (1111)	75 27 4		1000	3.20E+00			
Bromotorm (1946)	75-25-2	60	0.6	1.636-04			PERMITTED AND THE PERMITTED AN
Bromomethane	73-25-2 74-83 9	60	44	1.17E-03			
Bulylate	2008-41-5		10	2.53E-03			
Cadmium	7440-43-9		400	3.88E-01			
Carbaryl	63-25-2	5	5	3.76E-01			
Carbofuran	1563-66-2	- 40	40	3.64E-02			
Carbon disulfide	75 15 0	40	40	1.56E-02			
Carbon tetrachloride	56-23-5	5	1000	2.97E-01			
Chloramben	133-90-4		5	1.94E-03			
Chlorodifluoromethane	75-45-6		150	3.63E-02			
Chloroethane	75-00-3		7000	2.89E+00			
Chloroform (THM)	67-66-3	80	400	1.13E-01			
Chlorpyritos	2921-88-2		6 2	1.67E-03			
Chloromethane Chromium (total)	74-87-3		30	2.95E-02	_		
Chrysene (PAH)	7440-47-3	100	100	7.76E-03			
Cobalt	218-01-9	-	0.2	1.80E+05			
Copper	7440-48-4		40	7.25E-02			Re-assess II Cr-VI present
Cyanazine	7440-50-8	1300	1300	1.61E+00 4.56E+01		ر.	
Cyanide, free	21725-46-2	-	1	4.68E-04		_	
Dacthal (DCPA)	\$7-12-5	200	200	2.02E+00			
1,2-Dibromoethane	1861-32-1	-	70	8.56E-02			
Ofbromochiaramethane (THA)	106-93-4	0.05	0.05	1.41E-05			
1.J-Ohome-Leteropresent (DSCF)	124-48-1 96-12-8	80	60	1.60€-02			
Dibutyl phthalate	84-74-2	0.2	0.2	8.64E-05		 _	
Dicamba	1918-00-9	•	1000	2.52E+00	•		
1,2-Oichlorobenzene	95-50-1	600	300	7.76E-02			
1,3-Dichlorobenzene	541-73-1	600	600	5.84€-01			
.4-Dichlorobenzene	106-46-7	75		5.76E-01			
lichlorodifluoromethane	75-71-8			.20E-02			
, 1-Dichloroethane	75-34-3			.54E+00			
,2-Dichloroethane	107-06-2	- 5		.42E-01			
1-Dichloroethylene	75-35-4	7		.42E-03			
2-Dichloroethylene (cis)	156-59-2	70		.51E-03			
-Cichiaroethylene (trans)	156-60-5	100		06E-02		<u></u>	
Octobraphymanyacotic said \$1.4-01	94-75-7	70		94E-02			
2-Dichloropropane	78-87-5	5		81E-02			
XAMINETERNIC FLOWER	542-75-6		5 1.1	66E-03			
2-ethytheryi) phihatista	117-81-7	6		43E-04			
melhoale	60-51-5			4E+00			
1-Dinitrotatuene	121-14-2			1E-04		-	
i-Dinitrotoluene	606-20-2			6E-05			
relolvene, Total Residues 2	25321-14-6			8E-05			
ioseb	88-85-7			9E-05			
Dioxane (p-dioxane)	123-91-1		7 6.1	5E-02			
da (2.3.7.8-TCDD)	1740 04 -		6.16	8E-04			
irin	** ** .	_	0 [1.50	7E-05			
TC	759-94-4		2 8.08	E-02			
	, 03-34-4	- 2!	1.32				ELFOROVER VALUE OF STATE OF ST

No RSI result for Achesters Partials of a partial

NR140 Substan	ice HR 140 CAS	Fed MCL (agil (If Red (MCL>ES)) NR 140 ES (vg/1)	RCL-gw (mg/kg) DF=1	Use 2, or input the calculated site-specific OF	2 00	INPUT NUMERIC Sile Hiaga
Ethylbenzene				_ ` ` ` ` ` `	->		Uata Max 建精液溶影
	100 41		700	7 85€-01	L		(mg/kg) Exceedance
Ethyl Ether (Olemyl Ether			1000	2.24E-01			
Ethylene glycol	107-21-1		14000	2.82E+00			
Fluoranthene	206-44-0		400	4.44E+01			
Fluorene (PAH)	86-73-7		400				
Fluoride	7782-41-4		4000	7.41E+00			
Fluorotrichlorometha	ne 75-69-4		3490	6.01E+02			Control 2000 Programme
Formaldehyde	50-00-0		1000	2.23E+00			
Heptachlor	76-44-8	0.4	0.4	2.02E-01		•	
Heptactilor epoxid	e 1024-57-3	0.2		3.31E-02			
Hexachlorobenzene	118-74-1	1	0.2	4.08E-03			
n-Hexage	110-54-3	·	1	1.26E-02			
Lead			600	4.22E+00			
Lindane	7439-92-1	15	15	1.35E+01			
Manganese	58-89-9	0.5	0.2	1.165-03			
Mercury	7439-96-5		300	1 968+01			
Methanol	7439-97-6	2	2	1,04E-01			
Methoxychlor	67-56-1	•	5000	1.01E+00			
	72-43-5	40	40	2.16E+00			
Methylene chloride	_	5	5	1.28E-03			
Methyl chyl kelone (MEK)	78-93-3		4000	8.39E-01			
Methyl (sobulyl kelone (MIBK)	108-10-1		500	1.13E-01	¬ · · · · · · · · · · · · · · · · · · ·		
Methyl terlibulid ether (IATOE)	1634-04-4		60	1.35E-02		Υ.	× 145.50 (1995)
Metalachlaris-Metalachlar	51218-45-2		100	1.17E-01			
Metribuzin	21087-64-9		70	2.14E-02			
Molybdenum	7439-98-7		40	8.08E-01			
Manochlorobenzene	108-90-7	100	100	6.79E-02			
Naphthalene	91-20-3		100	3.29E-01			(Planet Barrier
Nickel	7440-02-0		100	6.50E+00	·		
[AUG99] Primatelenstick (PCDPA)	86-30-6		7	3.82E-02			
Penlachforophenol (PCP)	87-86-5	1	1 1	1.01E-02			
Phenol	108-95-2	-	2000	1.15E+00			
Picloram	1918-02-1	500	500	1.39E-01			E-Carrier Service
Polychiothelad biphanys (PCB+)	1336-36-3	0.5	0.03	4.69E-03			
Prometon	1610-18-0		100				
Propazine	139-40-2		10	4.75E-02 8.86E-03			
Pyrene (PAH)	129-00-0	-	250				
Pyridine	110-86-1	-	10	2.72E+01			Programme and the second
Selenium	7782-49-2	50	50	3.44E-03			
Silver	7440-22-4		50	2.60€-01			
Simazine	122-34-9	4	4	4.25E-01			
Styrene	100-42-5	100	100	1.97E-03			
Tertlary Bulyl Alcohol (TBA)	75-65-0	100	12	1.10E-01			
1.1.1.2-Tetrachlorgethane	630-20-6	-	70	2.45E-03			
1,1,2,2-Telrachiorocthans	79-34-5	-	0.2	2.67E-02			
Tetractiones hylene (PCE)	127-18-4	5		7.60E-05			
Telrahydrofucan	109-99-9	···	5	2.27E-03			
Thallium	7440-28-0	-	50	1.11E-02			
Toluene		2	2	1.42E-01			
Toxaphene	108-88-3	1000	800	5.54E-01			
•	8001-35-2	3	3	4.64E-01			
1.2.4-Trichlorobenzene	120-82-1	70	70	2.04E-01			
1.1.1-Trichloroethane	71-55-6	200	200	7.01E-02		- ,-	
1, 1, 2-Trichloroethane	79-00-5	5	5	1.62E-03			
Trichloroethylene (TCE)	79-01-6	5	5	1.79E-03			
-	93-72-1	50	1	2.75E-02			
1,2,3-Trichloropropane	96-18-4			2.60E-02			
Trifluralin	1582-09-8						
14-4	-63-67 108-67-8	-	i	2.48E-01			No. of Concession of
Vanadium	7440-62-2		700	6.90E-01			
Vinyl chloride		2					
Kylenes (m-, o-, p-combined)	75-01-4	2		6.90E-05			
	1330-20-7 t	0000	2000 (1	1.97E+00			

Type BRRTS No. Here (II Known). Assess gröundwater levels separately.

Residentifiquation in pursitor Soli II mai		
- Aldenay		
TR (target cancer risk) unitless	Value	
ED, (exposure duration - resident) year	7.0E-6	
Erre (exposure time - resident) hour	30 34	
ED (exposure duration - child) year	7 7 6	
ED (exposure duration - adult) year	74 74	
BW (body weight - adult) kg	70	
DX (culled weight - culled) Kg	15	
عامت (skin surface area - adult) دس أطعه	5700	
SA _c (skin surface area - child) cm ² /day		
THQ (target hazard dinglent) unitable		
LT (lifetime - resident) wear		
EF, (exposure frequency) day/wasr	70	
IRS _a (soil intake rate - adult) mo/day	350	
IRS (soil intake rate - child) mg/day	100	
AF (skin adherence factor = 24.48 = 2	200	
ma/gm (maker) - addition	0.07	
AF _c (skin adherence factor - child) mg/cm ²	ç	
IFS and (age-adjusted soil ingestion to the state of	7.0	
DFS _{a-ri} (age-adjusted soil dermal factor) mg-year/kg-day	114	
ואייים אירים אירים שליים שליים בייה לייה שליים ואירים ואירים אירים ואירים ואירים ואירים ואירים ואירים ואירים ו	361	
DFSM (mutagenic age-adjusted soil desulon factor) mg-year/kg-day	489.5	
ີ⊐D.⊇ (exposure duration first phase) vear	1445	
Dog (exposure duration second phase)	2	
EDA.16 (exposure duration third phase) year	4	
2016-20 (exposure duration fourth phase)	10	
Zity (Climate Zone) PEF Selection	14	
√, (acres) PEF Selection	Chicago, IL (7)	
$2/C_{\rm col}$ (a/m ² so per $k_{\rm col}$ /m ³) per $k_{\rm col}$	0.5	
wp ペー・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	98.43071	
>EF (particulate emission factor) \mathfrak{m} 3 /kg	;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	
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		215.0624	4.65 1132		Chicago, IL (7) Straight Chicago, IL (7) Strai	98.43071	0.006		2.65	0.15	9.5e8 16.8653 Figure 1.5.8653	18.7848 F. F. F. F. F. F. F. F. F. F. F. F. F.	
Resident Equation Inputs for Soil	in Ma	L (MEH Dispersion Constant) V (fraction of vegetative cover) unitless	U _{m.} (mean annual wind speed) m/s U _{t.} (equivalent threshold value)	F(x) (function dependant on U_(U) unitless City (Climate Zone) /E solociin	$A_{\rm c}$ (acres) VF Selection	Q/C_{Wp} (g/m 2 -s per kg/m 3) VF Selection	foc (fraction organic carbon in soil) g/g	ρ $_{ m b}$ (dry soil bulk density) g/cm 3	ρ _s (soil particle density) g/cm ³	ktheta: ﴿ (water-filled soil porosity) لـ المعلقة الم	A (VF Dispersion Constant)	C (VF Dispersion Constant)	

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Chetnical:	Wiffiser Mutagens Voica	Wutagen		Strain SP 1904 day	Ref (0 = 1	halbition hit Risk Tür igim) Ref	@hronic RfD (葡萄/kg-day)	Ref	Chronic RfC RfC (mg/m ³) Ref	RfC Ref GIABS	S ABS	α Ω Ω	
THE PARTY OF THE P	7 144352	Nos		F. S0E-02		805006	4500F-03		1.00E:02	·÷-		-	
n (Diet)	1 1	άN	οN	4	Ψ,	.80E-03	1.00E-03	_	`	A 0.025	5 0.001	-	
Zarbonaltetrachionalexis	56235	Nove	Ves F	7.000E-602	9	0.00E-06F	7.4.00E-03		1,00E-01		·	-	
Sibromoethane, 1,2-	106-93-4	No	Yes	2.00E+00	- 9	.00E-04	9.00E-03	_	9.00E-03	-		-	4. The second se
Mentoncettane al Zeros	100700		New Park	ST0E62		GOENOSE (ME	7 5 00E-03	×	7.00E-03	- J			
ne, 1,1-	75-35-4	No	Yes	,		,	5.00E-02	-	2.00E-01	1	,		N. S. C. C. C. C. C. C. C. C. C. C. C. C. C.
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ene, 1,2-trans-	156-60-5	No No	Yes	•		1	2.00E-02	_	6.00E-02	٦ 1	,	-	
	1000 4124		Wes W	T 10F-02		50E064 70	1 1 00E-01		1004-100				
Lead and Compounds	7439-92-1	No	No	•			,			,-]-	
Netholine has not also be a second of the se	1654-04-4	No.	X.65	14 80H 05 E		60E3074 F.C.			3.0001100				
	83-32-9	No No	Yes	(ı	6.00E-02	-			0.13	-	The state of the s
	1204057		2004		e e e e e e e e e e e e e e e e e e e		3.00E-01				C 1		
Benz[a]anthracene	56-55-3	Yes	o No	7.30E-01	W .	.10E-04 C	r			-	0.13] -	
Senzo(n) il por an in en e	70505	NO	N	1,000,000		10204							
Benzo[a]pyrene	50-32-8	Yes	No	7.30E+00	_	.10E-03 C	(,		0 13]-	10000000000000000000000000000000000000
	20549019	Sex		100, 100, 201		HOESOER RE			w Parkijikova podio				
fluoranthene	207-08-9	Yes	No No	7.30E-02	W	.10E-04 C	ı		,	-	0 13],	
	248 (015)	XES 33	New	W 500 1005 /S	W		Market Street,	1 March 1981	· consequention	500			
a,h)anthracene	53-70-3	Yes	S _N	7.30E+00	W	.20E-03 C	,				0.13	-	
Dipetizotatenpaliene amara	1192-651			11.20E 401		A10F=081 4G	· · · · · · · · · · · · · · · · · · ·	Sanday In	1. 日本の大学の大学・				
Dimethylbenz(a)anthracene, 7,12-	57-97-6	Yes	No	2.50E+02	U	.10E-02 C	,		,	- -	7		
Eleberation of the second	206410	N.C.	New				子本の0E =02		Company of the Company	- 100 m			
Fluorene	86-73-7	No	Yes	•		1	4.00E-02	_	 		12 C	-	
Indenolar Secondario	1,05 39.5	Y est	New	71.00 0	T. (1.7)	10E2049 NC			and Street Street Street			- -	
Methylnaphthalene, 1-	90-12-0		Yes	2.90E-02	۵		7.00E-02	∢			0.13		
	9.25.25.6	No			en comment	The second second	**************************************		the Personal September 2 is		1 c. 1.0		
Napimalene	91-20-3	No	Yes	4	κį	.40E-05 C	2.00E-02		3.00E-03		0.13		
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Inhalation SL Child HQ=1 (me/kg)	1.25E+02 2.42E+02 1.26E+02 5/19E+01 3.75E+02 9/18E+03 2.38E+04	25E+62
Dermal SL Child HQ=1 (mg/kg)		+04 +02 +03 2.
ngestion SL ©hild HQ≒1 (mg/kg) (7.82E+01 6. 7.82E+01 6. 7.04E+02 3.91E+03 3.91E+03 1.56E+03 1.56E+03 4.69E+03 1.2 6.88E±03 8559 3.13E+03 8.59	373
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	Militagent Wac	0 0 Z	No No Yes	9 S 2	
(Residual Control Sport Control Contro	COSS. Walkinser Melagent Wolch (r	129-00-0 h	108-88-3 79-01-6	108-67-8	
	9.3	129-0	108-88-3 79-01-6	108-6	
	iical			1,3,5-	
Specific Francisco	Ghemical	wrotowience.	inchloroethylene 79-01-6	rimethylbenzene, 1,3,5- 108-67-8	
)	e monet	Total III	thylber	
		Yrene	richloro	rimeth mareth Wenes	

۲.					
	Inhelation Sc. Child HQ=1 (mg/kg)	1.52E+02 3.47E+04 1.34E+04 7.16E+00	3.98 <u>E+01</u> 1.55E-02 9.44E+02		
	Dermal SL Child HQ=1 (mg/kg)	6.45E+03			
	Ingestion SL Child HQ=1 (mg/kg)	2.35E+03 E 4.69E+02 6.26E+03 1.56E+05 3.91E+01	7.82E+02 2.35E+02 1.56E+04		
	Cardinogenic SL TR=1.0E-6 (mg/kg)	<u>5.07E+01</u> 6.44E-01	671E:02		
		411E+01			
	Defimal SE INFETOE: (MG/Kg)	,	1		
	F. Ingestion. SL IRE-110E-6 (mg/kg)	3.24E+00	**************************************		
	Particulal Emission Factor (m kg)	1.56E+09			
	Soil. Saturation Orceinfration (mg/kg).	8.18E+02 8.10E-02 6.92E+02 1.82E+02	2.58E+02		
Silile's pecingle and the state of the state	Welatilization Solution. Eactor Saturation. (nt. /kg) (ntektion. 3.70E+06	6.66E+03 8.18E+02 3.43E+03 6.92E+02 1.03E+04 1.82E+02	9.05E+03		
els (RStu)	V (6)	φ 33	6		100 E
Surfers peculifications are some supplied of the supplied of t	Chemicăli Mitolovience de la companional del companional della companiona della companional della companional della companional della comp	Toluene 6.66E+03 Trichloroethylene 3.43E+03 Trimethylbenzene, 1,3,5- 1.03E+04			
Office Sports Control of the Control	Mittel Wenter	Toluene Interiorochiene Trichloroethylene Irimethylbenzene	Xylenes		The state of the s
SELECT OF SECTION OF S	 	「四十四十四十四十四十四十四十四十四十四十四十四十四十四十四十四十四十四十四十	À S	李小师	

Screening Level (mg/kg)	Branderska Brozenonkerk Brozenonkerk		
Noncarciffogenic Signatur Adult HIST (mg/kg)	1.44E+04 140E=03 2.18E+04	7.02E+00 7.02E+00 8.99E#@f	7.30E+03 3.37E+02
Call Adult HQ=1 (mig/kg)	雅罗克斯(2) 3.47E+04	334E+04 7.16E+00 898E+01	1.55E+02 9.44E+02
2h Permaji SL Additt HQ=n	2.19E+04 4.22E+04 4.88E+06		W W
Addith Hroen (mg/kg)	2.19E+04 499E#65 5.84E+04	3.65E+02	7.30E+03 7.46E+05
Colorida Col	1.72E+03 机制气管电影 5.30E+03	6.05E+00	8.90E+02
Chemical e 4	octhwienca. Beneraliste	hylene enzene. 1.3	200
Chemica Wiltopynene 2	Pyrene Metrenionoctimiene Toluene Materionoctivane	Trichloroethylene Trimethylbenzene, 1.	<u>Xylenes</u>

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(22) "Mentewater and shafer stocage or treatment lagoon" means a reatment or man-mode contaminant structure, constructed primarily of earther materials for the treatment or stocage of wastewater or studge, which is not a land disposal system.

History: CL Register, September, 1985, No. 347, eff. 10-1-65, ct. (1m), an (7), (17) and (18), Register, Ctasker; 1988, No. 394, eff. 11-1-83, ant (6), ct. (20h), and (7), (17) and (18), Register, Much, 1994, No. 394, eff. 4-1-94, ct. (18), (10b), (20k), (20k), r. and rear, (12), (13), Register, Much, 1995, No. 476, eff. 9-1-95; ct. (14m), Register, Ctasker, 1996, No. 490, eff. 11-1-96; am (20), Register, December, 1998, No. 516, eff. (-1-99, contration in (9) much taskers. 11.93 (2m) (b) 7. Suts., Register, April, 2001, No. 544, CR (02-134 o. (1n), (1w), (1y), and (2b) Register June 2003. No. 570, eff. 7-1-03.

Subchapter $H \sim$ 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 proporties 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 adstances that are of public health concern. Enforcement standards and preventive action limits for additional substances will be added to Table Las recommendations are developed pursuant to ss. 160.07, 160.13 and 160.15, Stats

Table I
Public Health Groundwater Quality Standards

1 QUIC PR	Public Health Groundwater Quality Standards				
Enf Substance [†]	forcement Standard (micrograms	Preventive Action Limit (micrograms			
Acetochlor	per liter = except as noted)	per liter – except as noted)			
	7	0.7			
Acetochlor ethane sulfonic acid + oxanilic acid (Acetochlor = ESA + OXA)	230	46			
Acctone	9 ng/l	F.gen 8.1			
Alachlor	2	0.2			
Alachlor ethane sulfonic acid (Alachlor – ESA)	20	. 4			
Aldicarb	10	2			
Aluminum	200	40			
Ammonia (as N)	9.7 mg/l	0.97 mg/l			
Antimony	6	1.2			
Anthracene	3000	600			
Arsenic	10	1			
Asbestos 7	million fibers per liter (MFL)	0.7 MFL			
Atrazine, total chlorinated residues	3 ²	0.32			
Bacteria, Total Coliform	O_3	03			
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	l i			
Butylate	400	80			
Cadmium	5	0.5			
Carbaryi	40	4			
Carbofuran	40	8			
Carbon disulfide	1000	200			
Carbon tetrachloride	5	0.5			
Chloramben	150	30			
Chlordane	2	0.2			
Inlorodifluoromethane	- 7 mg/l				
Inloroethane	400	0.7 mg/l			
Liloroform	6	80			
Liloppyrifos	2	0.6			
hloromethane		0.4			
hromium (total)	30	3			
	100	10			
Inysene	0.2	0.02			

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Eable 1 – Continued Public Health Croundwater Quality Standards

Public Health Groundwater Quality Standards Enforcement Standard (nucrograms - Preventive Action Light Comments)				
Substance ¹ Coteli	[ky liter - except as noted]	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	40	per liter - except as noted)		
Capper	1300	8		
Cyanazine	1	130		
Cyanide, frec ⁴	200	0.1		
Dactini	70	40		
1,2-Dibrormethane (EDB)	0.05	14		
Dibromochlocomethane	60	0.005		
1,2-Dibrorro-3-chloroproprine (DBCP)	0.2	6		
Dibutyl phthalate	1000	0.02		
Dican to	300	100		
1,2-Didilorobenzene	600	60		
1,3 -Dichlor obenzene		60		
1,4-Dichlorobenzere	600	120		
Dichlorediffueromethane	75	1.5		
1,1 Dichloroctlyme	1000	200		
1,2-Dichloroethane	850	85		
1,1-Dichloroethylene	5	0.5		
1,2-Dichloroethylene (cis)	7	0.7		
1,2-Dichloroethylene (trans)	70	7		
2,4-Dichlorophenoxyacetic Acid (2,4-D)	100	20		
1,2—Dichloropropane	70	7		
1,3—Dichloropropone (cis/unns)	5	0.5		
Di (2-ethylhexyl) phthalate	0.4	0.04		
Dirrethenamid/Dirrethenamid-P	6	0.6		
Dimethoate	50	5		
2,4-Dinitrotoluene	2	0.4		
2.6 Dinitrotoluene	0.05	0.005		
Dinitrotoluene, Total Residues ⁵	0.05	0.005		
Dinoseb	0.05	0.005		
,4-Dioxane	7	1.4		
Dioxin (2, 3, 7, 8–TODD)	3	0.3		
indrin	0.00003	0.00003		
PTC	2	0.4		
thylbenzene	250	50		
thyl ether	700	140		
thylene glycol	1000	100		
uoranthene	14 mg/l	2.8 mg/i		
uorantici je	400	. 80		
uoride	400	80		
	4 mg/l	0.8 mg/l		
uorotrichloromethane	3490			
rmaldehyde	1000	698		
ptachlor	0.4	100		
ptachlor epoxide	0.2	0.04		
xachlorobenzene	1 .	0.02		
Hexane	600	- 0.1		
drogen sulfide		120		
ud	30	6		
dane	15	1.5		
riganese	0.2	0.02		
	300	60		
аку	2	0.2		

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Table 1 - Continued
Public Health Croundwater Quality Standards

Sul <i>istan</i> ce ¹	Enforcement Standard (micrograms	
Methanol	per liter - except as noted)	Preventive Action finit (mecrograms
Methoxychlor	50XX)	per liter - except as noted)
	40	1000
Methylene chloride	5	4
Methyl ethyl ketone (MEK)	4 നളി	0.5
Methyl isobutyl ketone (MIBIK)	SOX	0.8 mg/l
Methyl tert-butyl ether (MTBE)	60	50
Metolachlor/s-Metolachlor	100	12
Metolachlor ethane sulfonic acid + oxanitic acid (Netolachlor - ESA + OXA)	1 3 mg/l	10 0.26 กษุศ
Metribuzin	70	-
Molytxlenum	40	14
Monochlerebanzene		¥ .
Naphthalene	100	20
Nickel	100	10)
Nitrate (as N)	100	20
Nitrate + Nitrite (as N)	10 mg/l	2 mg/l
Nitrite (as N)	10 mg/1	2 mg/1
N-Nitrosodiphenylarrine	f was 1	0.2 mg/i
Pentachloropheno! (PCP)	7	. 0.7
Perchlorate	l	0.1
Pheno!	1	0.1
Piclorara	2 നജി	0.4 ng/l
Polychlorinated biphenyls (PCBs)	500	100
Prometon	0.03	0.003
Propazine	100	20
Pyrene	10	2
Pyridine	250	50
Selenium	10	2 .
Silver	50	·10
Sirrazine	50	10
Styrene	4	0.4
Tertiary Butyl Alcohol (TBA)	100	10
1,1,1,2—Tetrachloroethane	12	I.2
1,1,2,2—Tetrachloroethane	70	7 .
Tetrachloroethylene	0.2	0.02
Tetralnydrofuran	5	0.02
Thallium	.50	
Toluene	2	10
	800	0.4
Toxaphene	3	160
1,2,4—Trichlorobenzene	70	0.3
, I, I—Trichloroethane	200	14
,1,2—Trichloroethane	5	40
hichloroethylene (TCE)	5	0.5
,4,5-Trichlorophenoxy-propionic acid (2,4,5-TP)	50	0.5 5
2,3—Trichloropropane		
Hifluralin	60	12
rimethylbenzenes	7.5	0.75
	480	96
(1,2,4-and 1,3,5-combined)		<i>3</i> u
ınadium	30	
	-	6

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Table 1 - Continued Public Health Croundwater Quality Standards

	Thome Health Groundwater Quality Stands	lerde
	Enforcement Co.	
Substance ¹	ther fitter - except as noted)	Preventive Action Linkt (micrograms
Vinyl chloride	(As and categories notice)	Exa, life excebt as un(eq)
Xylene ⁶	0.2	
	2 mg/l	0.02
Appendix I contains Chemical Abstrart Service (C	AS) registry residents common ——————————————————————————————————	0.4 mg/l

Appendix Foontains Chemical Abstract Service (CAS) registry numbers, common synonyms and trade names for most substances listed in Table 1

2 Total observated atrazine residues incluses pare a compound and the following negativities of fields concern, 2- observe—anno-6- isopropylamino-s- triazine (formerly dealer/surazine), 2-diloco 4-surino 6-diplamino-s-diazine (formerly deisopropylarazine) and 2-diloco-4,6-diamino-s-diazine (formerly diaminos-

3 Total coliform bacteria may not be present in any 100 ml sample using either the membrane filter (IVIF) technique, the presence—absence (IP—A) coliform test, the minimal medium ONYG-MUG (MMO-MUG) test or not present in any 10 ml portion of the 10-fulle multiple tube fermentation (MTF) technique.

4" Cyanide, free" refers to the simple cyanides (HCN, CN') and for readity dissociable netal-cyanide complexes. Free cyanide is regulatorily equivalent to cyanide quantified by approved analytical methods for "arrenable cyanide" or "available cyanide".

³ Dimitroteluene, Total Residues includes the dimitrolluene (DINI) isources 2,3-(DNI, 2,4-(DNI, 2,5-(DNI, 2,6-(DNI, 3,4-(DNI, and 3,5-(DNI, 2,6-(DNI, 2,6-(DNI, 3,4-(DNI, 3,4-(DNI, 3,6-(DNI, 3,4-(DNI, 3,6-(DNI, 3,4-(DNI, 3,6-(DNI, 3,4-(DNI, 3,6-

4 Xydene includes mutarr, orthor, and para-xydene combined.

History: Cr. Register, September, 1985, No. 357, eff. 10–1–85; am table 1, Register, October, 1988, No. 394, eff. 11–1–88; am table 1, Register, September, 1990, 194, 417, edf. 10–1–90; am Register, January, 1992, No. 433, eff. 2–1–92; am Table 1, Register, October, 1994, No. 459, eff. 4–1–91; am Table 1, Register, Extender, 1993, No. 156, eff. 1–1–99; am Table 1, Register, Extender, 1993, No. 516, eff. 1–1–99; am Table 1, Register, Extender, 1993, No. 516, eff. 1–1–99; am Table 1, Register, December, 1998, No. 516, eff. 12–31–99; am Table 1, Register, 1995, No. 516, eff. 12–31–99; am Table 1, Register, 1995, No. 516, eff. 1–1–10; cry. 1995, No. 516, eff. 12–31–99; am Table 1, Register, 1995, No. 516, eff. 12–31–99; am Table 1, Register, 1995, No. 516, eff. 1–1–104; CR 02–035; am Table 1, Register, 1995, No. 516, eff. 12–104; CR 02–035; am Table 1, Register, 1995, No. 516, eff. 1–1–105; cry. 1995, No. 516, eff.

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 furtil is 50% of the established enforcement standard

Table 2 Public Welfare Groundwater Quality Standards

Substance Chloride	Enforcement Standard (milligrams per liter – except as noted)	Preventive Action Limit (milligrams per liter – except as noted)		
Color Foarning agents MBAS (Methylene—Blue Active Substances)	250 15 color units 0.5	125 7.5 color units 0.25		
Iron Manganese Odor	0.3 0.05	0.15 0.025		
Sulfare Zinc	(Threshold Odor No.) 250	1.5 (Threshold Odor No.) 125		
History: Ot Register, September, 1985, No. 357, eff. 10-1	-85 can cable 3 th single	2.5		

History: O: Register, September, 1985, No. 357, eff. 10-1-85; am table 2, Register, October, 1990, No. 418, eff. (1-1-90; 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

(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 prevenitive 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
- 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
- The substance has been statistically confirmed to be present above the preventive action limit or enforcement standard, determined by an appropriate statistical test with sufficient samples at a significance level of 0.05.
- (c) If the preventive action limit or enforcement standard is between the limit of detection and the limit of quantitation, the regulatory agency shall consider the preventive action limit or

A.7. Other Greenfield Property – WI DOT Hydraulic Conductivity Calculations

Hydraulic	Conductivity	(High)
-----------	--------------	--------

	cm/s	m/yr
ĸ	1.00E-04	3.15E+01

Hydraulic Conductivity (I	Low)
---------------------------	------

	cm/s	m/yr
K	1.00E-06	3.15E-01

Date 9/23/2015 12/21/2015	Elv. (High) 910.00 912.00	Elv. (Low) 904.00 906.00	Distance (ft) 44 62	Hyd Grad (I) 0.1363636 0.0967742
Average				0.1165689
	K (m/yr)	I	n	Flow Velocity (m/yr)
Hydraulic Conductivity (High)	3.15E+01	0.1165689	0.3	12.23973
Hydraulic Conductivity (Low)	3.15E-001	0.1165689	0.3	0.12240

Site Investigation Report - METCO Greenfield Property

APPENDIX F/ QUALIFICATIONS OF METCO PERSONNEL

Site Investigation Report - METCO Greenfield Property - WI DOT

Ronald J. Anderson, P.G.

Professional Titles

- · Senior Hydrogeologist
- · Project Manager

Credentials

- · Licensed Professional Geologist in Wisconsin
- · Licensed Professional Geologist in Minnesota
- Recognized by the State of Wisconsin Department of Natural Resources (Chapter NR712) as a qualified Hydrogeologist
- · Certified by State of Wisconsin/DSPS to conduct PECFA-funded LUST projects
- Certified tank closure site assessor (#41861) in Wisconsin
- · Member of the Wisconsin Groundwater Association
- Member of the Minnesota Groundwater Association
- · Member of the Federation of Environmental Technologist, Inc.
- · Member of the Wisconsin Fabricare Institute

Education

Includes a BA in Earth Science from the University of Minnesota-Duluth. Applicable courses successfully completed include Hydrogeology, Applied Hydrogeology, Environmental Geology, Geological Field Methods, Geology Field Camp, Geomorphology, Structural Geology, Stratigraphy/Tectonics, Mineralogy/Petrology, Glacial/Quaternary Geology, Geology of North America, Oceanography, General Chemistry, Organic Chemistry, and Environmental Conservation

Post-Graduate Education

Includes Personnel Protection and Safety, Conducting Comprehensive Environmental Property Assessments, Groundwater Flow and Well Hydraulics, Effective Techniques for Contaminated Groundwater Treatment, and numerous other continuing education classes and conferences.

Work Experience

Includes nine months with the Wisconsin Department of Natural Resources Leaking Underground Storage Tank Program regulating LUST sites and since June 1990, with METCO as a Hydrogeologist and Project Manager. Duties have included: managing, conducting, and reporting tank closure assessments; property assessment, LUST investigations; spill investigations; agricultural chemical investigations, dry cleaning chemical investigations, general geotechnical/environmental investigations; Geoprobe projects (soil, groundwater, soil gas sampling); drilling projects (soil boring and monitoring wells); and remedial projects. Since 1989, METCO has sampled/consulted over 700 environmental sites.

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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.

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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.

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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.

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Jon Jensen

Professional Title

Staff Scientist

Credentials

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

Education

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

Work Experience

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

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Dillon Plamann

Professional Title

Hydrogeologist

Credentials

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

Education

Includes B.S. in Hydrogeology with a Geology minor, University of Wisconsin, Stevens Point. Applicable courses successfully completed include Groundwater Geochemistry, Hydrogeology, Physical Geology, Mineralogy and Petrology, Sedimentary Geology, Structural Geology, Geomorphology, Glacial Geology, and Field Geology.

Work Experience

With METCO since May, 2015 as a 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.

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APPENDIX G/ STANDARD OF CARE

Site Investigation Report - METCO Greenfield Property

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

4/12/16

"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