150 North Patrick Blvd.
Suite 180
Brookfield, WI 53045

262.879.1212 PHONE
262.879.1220 FAX

www.TRCsolutions.com

May 22, 2013

Mr. Andrew Malsom
Wisconsin Department of Transportation – SE Region
141 NW Barstow Street
Waukesha, WI 53187-0798

Subject: Phase 3 Investigation
Bristol Garage, 8335 200th Avenue (aka USH 45), Bristol
WisDOT Project ID No. 3200-02-03
TRC Project No. 202795.0000.0000

Dear Andy:

Attached find 2 copies of the Phase 3 Investigation report for Bristol Garage, 8335 200th Ave (aka USH 45) in Bristol, Wisconsin.

You may contact me at 262-901-2145 for kyass@trcsolutions.com with any questions.

Sincerely,

TRC Environmental Corporation

Ken W. Yass, P.E., CHMM
Project Manager

cc: Shar TeBeest -- WisDOT (hard copy and pdf on CD)
Jim Morse – TRC

Phase 3 Investigation

Bristol Garage
8335 200th Avenue (aka USH 45)
Bristol, Wisconsin

WisDOT Project ID #3200-02-03

May 2013

TRC
Results you can rely on

Phase 3 Investigation

Bristol Garage
8335 200th Avenue (aka USH 45)
Bristol, Wisconsin

WisDOT Project ID #3200-02-03

May 2013

Bryan J. Bergmann, P.G.
Project Hydrogeologist

Ken W. Yass, P.E., CHMM
Project Manager

James E. Morse
Senior Client Service Manager

Table of Contents

List of Tables

List of Figures

List of Appendices

Commonly Used Abbreviations and Acronyms

AST	aboveground storage tank
bgs	below ground surface
BRRTS	Bureau for Remediation and Redevelopment Tracking System
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CTH	County Trunk Highway
CY	cubic yards
DRO	diesel range organics
FDM	Facilities Development Manual
EMP	Excavation Management Plan
ERP	Environmental Repair Program
ES	Enforcement Standards
ESA	Environmental Site Assessment
FINDS	Facility Index System/Facility Identification Initiative Program Summary Report
GIS Registry	WDNR Geographic Information System (GIS) Registry of Closed Remediation Sites
GRO	gasoline range organics
HAZWOPER	Code of Federal Registry Chapter 29 (29 CFR) Part 1910.120 Hazardous Waste Operations and Emergency Response
HMA	Hazardous Materials Assessment
IH	Interstate Highway
LQG	large quantity generator
LUST	leaking underground storage tank
NPL	National Priorities List
NR ###	Wisconsin Administrative Code (WAC) Natural Resources (NR) Chapter ###
PAHs	polynuclear aromatic hydrocarbons
PAL	Preventive Action Limits
PCBs	polychlorinated biphenyls
PCE	perchloroethylene/tetrachloroethylene
PID	photoionization detector
PVOCs	petroleum volatile organic compounds
RCLs	Residual Contaminant Levels in NR 720
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
R/W or ROW	right-of-way
sf	square feet
STH	State Trunk Highway
TCE	trichloroethylene
TRIS	Toxic Chemical Release Inventory System
USGS	United States Geological Survey
USH	United States Highway
UST	underground storage tank
VOCs	volatile organic compounds
WDSPS	Wisconsin Department of Safety and Professional Services
WDNR	Wisconsin Department of Natural Resources
WisDOT	Wisconsin Department of Transportation
WGNHS	Wisconsin Geological and Natural History Survey
WI ERP	Wisconsin Environmental Repair Program database

Executive Summary

The WisDOT is planning to reconstruct USH 45 from the Illinois state line to STH 50 in Kenosha County. Prior to reconstruction, the WisDOT will acquire the Bristol Garage property located in the northeast quadrant of USH 45 (aka 200th Ave.) and 84th Street. The west side of the property is currently occupied by a building used for automotive repairs. The existing auto repair building will be demolished and a storm water retention pond will be constructed on the property.

Himalayan Consultants LLC (Himalayan), on behalf of the WisDOT, completed the Phase 1 for the project and documented the findings in an October 2012 report. No activity is listed in the WDNR BRRTS database for the Bristol Garage, however, an unleaded gasoline UST and a leaded gasoline UST were historically present on the west side of the building within the current USH 45 ROW. The USTs were removed in 1989.

TRC performed a Phase 3 investigation in April 2013, at which time two vehicle hoists were present, and one of the Phase 3 soil borings was advanced as close as possible to the hoists.

The Phase 3 investigation revealed the following area of contamination:

- Petroleum-contaminated soil is present in the area of the former USTs, immediately west of the Bristol Garage within the USH 45 ROW. GRO, benzene, naphthalene and total arsenic concentrations from just beneath the pavement to ~11' bgs here exceed the NR 720 RCLs. No release has been reported to the WDNR for this property. Groundwater was not encountered here to 16' bgs, but may also be contaminated.

A release notification is included in Appendix E which should be submitted to the WDNR. Since the contamination appears to have originated in USH 45 ROW, the WisDOT is listed on the release notification as the responsible party.

Special Provisions should be prepared, submitted to WDNR for concurrence and included in the PS&E to inform contractors as to the findings of this Phase 3 investigation and requirements for the management of contaminated soil and groundwater removed during the reconstruction of USH 45.

Section 1
Background

The WisDOT is planning to reconstruct USH 45 from the Illinois state line to STH 50 in Kenosha County. Prior to reconstruction, the WisDOT will acquire the Bristol Garage property located in the northeast quadrant of USH 45 (aka 200th Ave.) and 84th Street (property address is 8335 200th Avenue). The west side of the property (closest to USH 45) is currently occupied by a building used for automotive repairs. The existing auto repair building will be demolished and a storm water pond will be excavated on the property.

Himalayan Consultants LLC (Himalayan), on behalf of the WisDOT, completed the Phase 1 for the project and documented the findings in an October 2012 report. Summary information from Himalayan's Phase 1 Report that pertains to the Bristol Garage (Site 2 in the Phase 1 report) is included in Appendix A.

The WisDOT requested a Phase 3 investigation for the Bristol Garage site. No activity is listed in the WDNR BRRTS database; however, an unleaded gasoline UST and a leaded gasoline UST were historically present on the west side of the building within the current USH 45 ROW and historic aerial photographs appear to show fuel dispensers here. The USTs were removed in 1989. At the time of this Phase 3, two vehicle hoists were present in the building.

Historical information for the Bristol Garage site is included in Appendix A.

Section 2
Sampling Activities

TRC performed the Phase 3 Investigation field activities for this project on April 24, 2013. A total of 7 soil probe borings (GP-1 through GP-7) were advanced to depths ranging from 8′ to 20′ bgs at the approximate locations shown on Figure 2. Soil was continuously sampled, classified, and field-screened using a PID. The soil boring logs are included in Appendix B.

Soil samples from GP-2, located within the USH 45 ROW (the front (west) end of the on-site building coincides with the USH 45 ROW) where a leaded gasoline UST and an unleaded gasoline UST were formerly located, exhibited signs of petroleum contamination. Petroleum odors and elevated PID readings (up to 212 instrument units) were noted in GP-2 from approximately 0.5′ to 11′ bgs.

No signs of obvious contamination (*e.g.,* petroleum odors, staining, elevated PID readings) were noted in the other six soil borings during field activities.

Soils encountered at the site generally consisted of silty clay with organics in near surface samples and some occasional small (1″ to 2″) seams of silt and sand at depth. Clayey sand and silty sand fill was present in the upper 4 feet of GP-1 and GP-3, respectively. See the boring logs in Appendix B for more details.

Two soil samples were collected from each soil boring as planned. Collected soil samples were submitted for laboratory analysis of DRO, GRO, PVOCs, naphthalene and total lead. Soil sample GP-2 (6′-8′) was analyzed for full VOCs (instead of PVOCs and naphthalene), PCBs and RCRA metals.

Groundwater was present in GP-3 and GP-4 at depths of approximately 10 feet bgs and 3 feet bgs, respectively. Temporary wells were installed in GP-3 and GP-4, and groundwater samples were collected and submitted for laboratory analysis of VOCs and RCRA metals. Originally, temporary wells were planned at GP-1 and GP-2; however, groundwater was not observed in those borings (soils were tight silty clay) and therefore temporary wells were not installed and groundwater samples were not collected from those borings.

The temporary wells were removed after sampling, and all boreholes were abandoned with bentonite chips and pavement patch was placed for borings advanced through pavement. Borehole abandonment forms for each of the borings are included in Appendix B.

Photographs taken during fieldwork activities are included as Appendix C.

Section 3
Soil Sampling Results and Evaluation

3.1 Soil Sampling Results

The Phase 3 investigation identified petroleum-contaminated soil in GP-2 (within the USH 45 ROW on the west side of the Bristol Garage site) from just below the asphalt pavement to a depth of approximately 11 feet bgs. Soil at this location is contaminated with GRO, VOCs, and arsenic. Although the detected arsenic concentration in GP-2 from 6' to 8' bgs exceeded the NR 720 RCL, the concentration detected is consistent with background arsenic concentrations in southeastern Wisconsin.

See Table 1 and the laboratory analytical report in Appendix D for more details.

3.2 Groundwater Sampling Results

Benzene and ethylbenzene were detected in GP-4 at relatively low concentrations (below the NR 140 PALs). However, the results were flagged by the laboratory because the results were less than the reporting limit but greater than the method detection limit and the concentrations are approximate.

Several metals were detected in samples GP-3 and GP-4. All detected metals concentrations were below the respective NR 140 PALs with the exception of the arsenic concentration in GP-4 which was 1.7 µg/l and slightly exceeded the NR 140 PAL of 1.0 µg/l.

See Table 2 and the laboratory analytical report in Appendix D for more details.

Section 4
Findings, Conclusions, and Recommendations

The Phase 3 Investigation revealed that contaminated soil on the Bristol Garage property, as summarized below:

- Petroleum-contaminated soil is present in the area of the former USTs, immediately west of the Bristol Garage within the USH 45 ROW. GRO, benzene, naphthalene and total arsenic concentrations from just beneath the pavement to ~11' bgs here exceed the NR 720 RCLs. No release has been reported to the WDNR for this property. Groundwater was not encountered here to 16' bgs, but may also be contaminated.

A release notification is included in Appendix E which should be submitted to the WDNR. Since the contamination appears to have originated in USH 45 ROW, the WisDOT is listed on the release notification as the responsible party.

Special Provisions should be prepared, submitted to WDNR for concurrence and included in the PS&E to inform contractors as to the findings of this Phase 3 investigation and requirements for the management of contaminated soil and groundwater removed during the reconstruction of USH 45.

Table 1
Soil Sampling Results Summary – Phase 3 Investigation
Bristol Garage
Northeast Quadrant of USH 45 and 84th Street
WisDOT Project ID 3200-02-73; TRC Project ID 202795.0000.0000

	NR 720 RCL	SOIL SAMPLE ID AND DEPTH (feet bgs)															TYPICAL LANDFILL ACCEPTANCE CRITERIA
		GP-1		GP-2		GP-3		GP-4		GP-5		GP-6		GP-7		MeOH BLANK	
		(4'-6')	(6'-8')	(6'-8')	(12'-14')	(0'-4')	(8'-10')	(0'-2')	(2'-4')	(2'-4')	(8'-10')	(2'-4')	(6'-8')	(0'-2')	(4'-6')		
		SAMPLES COLLECTED APRIL 24, 2013															
PID Readings	-	0.0	0.0	212	0.4	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--	
GRO (mg/kg)	100	<3.1	<2.5	**250**	<2.4	<2.1	<2.6	<3.0	<2.9	<3.2	<2.3	<2.9	<2.6	<3.4	<2.3	<2.5	2,000 mg/kg
DRO (mg/kg)	100	2.8 J	3.8 J	11	3.3 J	2.6 J	3.3 J	2.5 J	2.1 J	2.1 J	2.4 J	1.9 J	<1.7	3.5 J	2.0 J	--	2,000 mg/kg
PVOCs/VOCs (µg/kg)																	
Benzene	5.5	<23	<18	**470**	<18	<15	<19	<21	<21	<23	<16	<21	<19	<25	<17	<18	10,000 µg/kg
n-Butylbenzene	-	--	--	1,400	--	--	--	--	--	--	--	--	--	--	--	--	
sec-Butylbenzene	-	--	--	770	--	--	--	--	--	--	--	--	--	--	--	--	
Ethylbenzene	2,900	<24	<19	790	<18	<16	<20	<23	<22	<25	<17	<22	<20	<26	<18	<19	
Isopropylbenzene	-	--	--	680	--	--	--	--	--	--	--	--	--	--	--	--	
p-Isopropyltoluene	-	--	--	790	--	--	--	--	--	--	--	--	--	--	--	--	
MTBE	-	<15	<12	<30	<12	<10	<13	<14	<14	<16	<11	<14	<13	<16	<11	<12	
Naphthalene	400	<150	<120	**1,800**	<120	<100	<130	<140	<140	<160	<110	<140	<130	<160	<110	<120	
n-Propylbenzene	-	--	--	1,200	--	--	--	--	--	--	--	--	--	--	--	--	
Toluene	1,500	<21	<17	<8.1	<17	<14	<18	<20	<20	<22	<15	<20	<18	<23	<16	<17	
Trimethylbenzenes	-	<38	<30	4,700	<30	<26	<32	<36	<36	<38	<28	<36	<32	<42	<28	<30	
Xylenes	4,100	<38	<30	1,600	<29	<25	<32	<36	<35	<39	<27	<35	<32	<41	<28	<30	
Metals (mg/kg)																	
Arsenic	0.039	--	--	**11**	--	--	--	--	--	--	--	--	--	--	--	--	100 mg/kg
Barium	-	--	--	54	--	--	--	--	--	--	--	--	--	--	--	--	2,000 mg/kg
Cadmium	8	--	--	0.19 J	--	--	--	--	--	--	--	--	--	--	--	--	20 mg/kg
Chromium	16,000 (tri)	--	--	21	--	--	--	--	--	--	--	--	--	--	--	--	100 mg/kg
Lead	50	14 B	13 B	10 B	8.9 B	7.3 B	15 B	19 B	11 B	12 B	10 B	14 B	8.7 B	23 B	9.4 B	--	100 mg/kg
Mercury	-	--	--	0.018	--	--	--	--	--	--	--	--	--	--	--	--	4 mg/kg
PCBs (µg/kg)		--	--	<52.6	--	--	--	--	--	--	--	--	--	--	--	--	

Notes:

Created by: B. Bergmann 5/9/13
Checked by: T. Stapel 5/9/13

1. PID = Photoionization Detector
2. GRO = Gasoline Range Organics analyzed using the Wisconsin Modified Method
3. mg/kg = milligrams per kilogram (ppm)
4. DRO = Diesel Range Organics analyzed using Wisconsin Modified Method
5. PVOCs = Petroleum Volatile Organic Compounds analyzed using EPA Method 8021
6. µg/kg = micrograms per kilogram (ppb)
7. VOCs = Volatile Organic Compounds analyzed using EPA Method 8260B
8. PCBs - Polychlorinated Biphenyls analyzed using EPA Method 8082
9. Total metals analyzed using EPA Method 6010
10. - - = not analyzed
11. Samples were collected by TRC and analyzed by Test America (WDNR Cert. #998020430)
12. NR 720 RCL = Residual Contaminant Level from NR 720, WAC. RCL listed for DRO and GRO are the more stringent of the two NR 720.09 values. RCLs for the PVOCs listed above are the NR720 generic RCLs for the protection of groundwater. RCLs for metals are the NR 720 Table 2 non-industrial values
13. - = Standard not established.
14. J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.
15. B = Compound was found in the blank and sample
16. Results in **BOLD** indicate an exceedence (or potential exceedence if J- or B-flagged) of the NR 720 RCL

Table 2
Groundwater Sampling Results Summary – Phase 3 Investigation
USH 45 Bristol Garage – Bristol
WisDOT Project ID 3200-02-73; TRC Project ID 202795.0000.0000

	NR 140 STANDARD		TEMPORARY WELL ID		
			GP-3	GP-4	
	ES	PAL	APRIL 24, 2013		TRIP BLANK
VOCs (µg/l)					
Benzene	5	0.5	<0.074	0.44 J	<0.074
Ethylbenzene	700	140	<0.13	0.31 J	<0.13
Remaining VOCs	-	-	ND	ND	ND
Metals, Dissolved (µg/l)					
Arsenic	10	1	0.36 J	*1.7*	--
Barium	2,000	400	92	66	--
Cadmium	5	0.5	0.18 J	<0.10	--
Chromium	100	10	0.76 J	0.66 J	--
Lead	15	1.5	0.73	0.83	--
Selenium	50	10	0.53 J, ^	<0.25	--
Silver	50	10	0.15 J	<0.069	--
Mercury	2	0.2	<0.064	<0.064	--

Notes:

Created by: B. Bergmann 5/9/13

Checked by: T. Stapel 5/9/13

1. VOCs = Volatile Organic Compounds analyzed using EPA Method 8260; only the VOCs detected are listed above.
2. µg/l = micrograms per liter (ppb).
3. Metals analyzed using EPA Method 6020, except for mercury which was analyzed using EPA Method 7470.
4. NR 140 ES = Wisconsin Administrative Code Chapter NR 140 Enforcement Standard.
5. NR 140 PAL = Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit.
6. J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.
7. ^ = Instrument related QC exceeds the control limit.
8. - = Standard not established
9. -- = Not analyzed
10. ND = Not Detected
11. Results in *Italics* indicate an exceedence or potential exceedence of the NR 140, WAC PAL.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
3200-02-73		

ORDER OF SHEETS

TOTAL SHEETS =

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

ILLINOIS STATE LINE - MILWAUKEE ROAD

ILLINOIS STATE LINE - STH 50

USH 45
KENOSHA COUNTY

60% PLAN
OCTOBER 26, 2012

TPP WILL BE PREPARED BY WISDOT
FOLLOWING THE 60% PLAN REVIEW

N

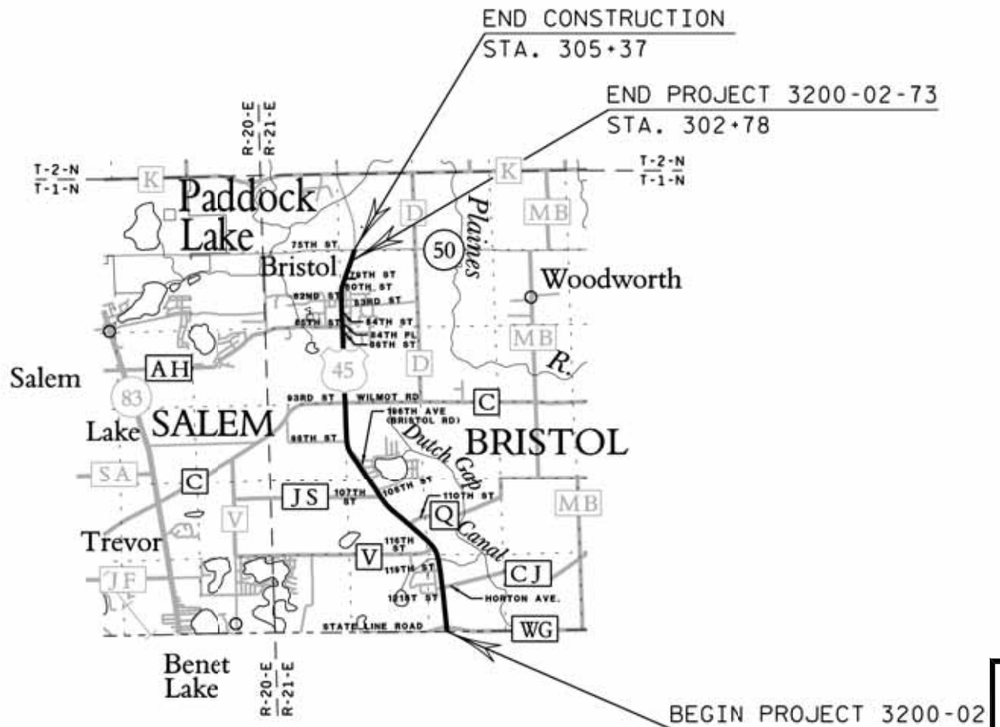
STATE PROJECT NUMBER
3200-02-73

DESIGN DESIGNATION	TRANSITIONAL STA 19+83 TO STA 34+00	RURAL STA 34+00 TO STA 249+65	URBAN STA 249+65 TO STA 281+00	TRANSITIONAL STA 281+00 TO STA 302+78
A.A.D.T. 2005	= 7500	= 7500	= 7300	= 7300
A.A.D.T. 2030	= 9500	= 9500	= 9500	= 9500
D.H.V.	= 1000	= 1000	= 1000	= 1000
D.D.	= 62/38	= 62/38	= 62/38	= 62/38
T.	= 5.7%	= 5.7%	= 5.7%	= 5.7%
DESIGN SPEED	= 50 MPH	= 60 MPH	= 40 MPH	= 50 MPH
ESALS	= 1,189,900	= 1,189,900	= 1,197,200	= 1,197,200

CONVENTIONAL SYMBOLS

COUNTY LINE
CORPORATE LIMITS
PROPERTY LINE
LIMITED EASEMENT
EXISTING RIGHT OF WAY
PROPOSED OR NEW R/W LINE
FENCE
GUARD RAIL
SLOPE INTERCEPT
ORIGINAL GROUND
MARSH OR ROCK PROFILE (To be noted as such) — ROCK
MARSH AREA
WOODED OR SHRUB AREA
STREAM OR WATER EDGE
BUSH
PINE TREE (SIZE)
TREE (SIZE)
TRAFFIC SIGNAL CONTROL CABINET
TRAFFIC SIGNAL
TRAFFIC SIGNAL MAST-ARM
TRAFFIC SIGNAL WITH LIGHT
EXISTING PULL BOX
BOLLARD

COMBUSTIBLE FLUIDS — CAUTION
UNDERGROUND UTILITIES
GAS — (SIZE) G
SANITARY SEWER — (SIZE) SAN
STORM SEWER — (SIZE) SS
WATER — (SIZE) W
ELECTRIC — E
TELEPHONE — T
FIBER OPTIC — FO
CABLE TELEVISION — TV
FORCE MAIN — FM
MANHOLE — MH
UTILITY PEDESTAL
FIBER OPTIC HAND HOLE — HH
POWER POLE
TELEPHONE POLE
RAILROAD
HYDRANT
LIGHT POLE
RAILROAD SIGNAL
SIGN
TRANSMISSION TOWER
VALVE — (TYPE)
CURB STOP — CS
EXISTING CULVERT — (SIZE, TYPE)
PROPOSED CULVERT (Box or Pipe)



LAYOUT
SCALE 0 1 MI.

TOTAL NET LENGTH OF CENTERLINE = 5.359 MI.

COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISC COORDINATE SYSTEM, GROUND, KENOSHA COUNTY ZONE -

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED

Base Map Provided by the WisDOT

PROJECT: **BRISTOL GARAGE**
NORTHEAST QUADRANT OF USH 45 AND 84TH STR.
BRISTOL, WISCONSIN - WisDOT 3200-02-73

SHEET TITLE:
PROJECT LOCATION AND LIMITS

DRAWN BY: J. KONIAR	SCALE: AS NOTED	PROJ. NO.	202795.0000.0000
CHECKED BY: B. BERGMANN		FILE NO.	202795-01.dwg
APPROVED BY: K. YASS	DATE PRINTED:	**FIGURE 1**	
DATE: MAY 2013			

TRC
150 North Patrick Blvd.
Suite 180
Brookfield, WI 53045
Phone: 262.879.1212

PLOT DATA
Drawing Name: J:\WisDOT\202795\202795-01.dwg
Operator Name: KONIAR, JOHN
Drawing Plot Scale: 0.386863
Dwg Size: 0.41 Mb
Plot Date: May 16, 2013
Plot Time: 1:28 PM
Attached Xrefs:
Attached Images:
Layout: FIG. 1

GP-2 (6'-8')
GRO 250 mg/kg
Benzene 470 µg/kg
Naphthalene 1,800 µg/kg
Arsenic 11 mg/kg

Vehicle Hoists

Phase 3 Soil Boring - 4/24/13
Phase 3 Soil Boring and Temporary Well Location - 4/24/13
Approximate limits of petroleum-contaminated soil from 0.5' to 11' bgs and possibly petroleum-contaminated groundwater

USH 45
84TH ST
83RD ST
199TH AVE
USH 45 R/L
BUILDING TO BE REMOVED BY OTHERS PRIOR TO CONSTRUCTION
8335 BRISTOL GARAGE LLC
8321 NH MANAGEMENT LLC
8403
4" SUMP DRAIN DISCHARGE
REMOVE FENCE
RIPRAP
SLOPE INTERCEPT
POND OVERFLOW CLASS III TYPE B EROSION MAT
ELEV = 770.00
REMOVE FENCE
12" CSCP WITH STEEL ENDWALLS
INSERT ELEV = 767.8
DISCH ELEV = 767.5
REMOVE FENCE
263+00
264+00
265+00
266+00
267+00
268+00
50+00
51+00
52+00
N

SEE SHEET 2 OF 2 FOR SECTION A-A AND B-B

Base Map Provided by the WisDOT

SCALE, FT 0 20 40

PROJECT:
BRISTOL GARAGE
NORTHEAST QUADRANT OF USH 45 AND 84TH STR.
BRISTOL, WISCONSIN - WisDOT 3200-02-73

SHEET TITLE:
PHASE 3 SOIL BORING LOCATIONS

DRAWN BY: J. KONIAR	SCALE: AS NOTED	PROJ. NO. 202795.0000.0000	
CHECKED BY: B. BERGMANN		FILE NO. 202795-02.dwg	
APPROVED BY: K. YASS	DATE PRINTED:	**FIGURE 2**	
DATE: MAY 2013			

TRC
150 North Patrick Blvd.
Suite 180
Brookfield, WI 53045
Phone: 262.879.1212

PLOT DATA
Drawing Name: J:\WisDOT\202795\202795-02.dwg
Operator Name: KONIAR, JOHN
Drawing Plot Scale: 0.386863
Dwg Size: 0.41 Mb
Plot Date: May 16, 2013
Plot Time: 1:29 PM
Attached Xrefs:
Attached Images:
Layout: FIG. 2

Appendix A
Historical Information

Map Created on Apr 02, 2013

Legend

- Open Sites (ongoing cleanups)
- Open Sites (ongoing cleanups) - site boundaries shown
- Closed Sites (completed cleanups)
- Closed Sites (completed cleanups) - site boundaries shown
- County Boundary
- Railroads
- County Roads (WDOT)
- County Trunk Highway
- State and U.S. Highways (WDOT)
- State Trunk Highway
- US Highway
- Interstate Highways (WDOT)
- Interstate Highway
- Local Roads (WDOT)
- Civil Towns
- Civil Town
- 24K Open Water
- 24K Rivers and Shorelines
- Municipalities

0 425 850 1275 ft.

Map created on Apr 2, 2013
Note: Not all RR Sites have been geo-located yet.

N

Scale: 1:4,472

Petroleum Programs Home | Search Instructions | Search by Tank ID | Search by Site, Owner, or Tank Characteristics

Tank List

Searching for:

Facility ID equal to 58514

Number of matching records: 2

Type	ID	Facility ID	Address	Status	Contents	Size (gals)	Cust ID	Owner
County: KENOSHA, FDID: 3003 - Bristol, Municipality: TOWN OF BRISTOL								
1. UST	404998	58514	8335 200TH AVE	Closed/Removed	Leaded Gasoline	550	305541	BRISTOL GARAGE
2. UST	404999	58514	8335 200TH AVE	Closed/Removed	Unleaded Gasoline	300	305541	BRISTOL GARAGE

Download

Close this response window

To Top

This document was last revised: February 2010

Wisconsin Department of Safety and Professional Services

PHASE 1 HAZARDOUS MATERIALS ASSESSMENT

USH 45
(Illinois State Line (CTH WG) – STH 50)
Kenosha County, WI
Project ID: 3200-02-73

Prepared for:
R. A. Smith National, Inc.
16745 W. Bluemound Road, Suite 200
Brookfield, WI 53005

Prepared by:

Himalayan Consultants, LLC
W156 N11357 Pilgrim Road
Germantown, WI 53022
Phone: (262) 502-0066; Fax: (262) 502-0077
E-mail: gadhikary@himalayanllc.com

October 2012

Table 2: Potential Hazardous Materials Sites

Phase 1 Hazardous Materials Assessment

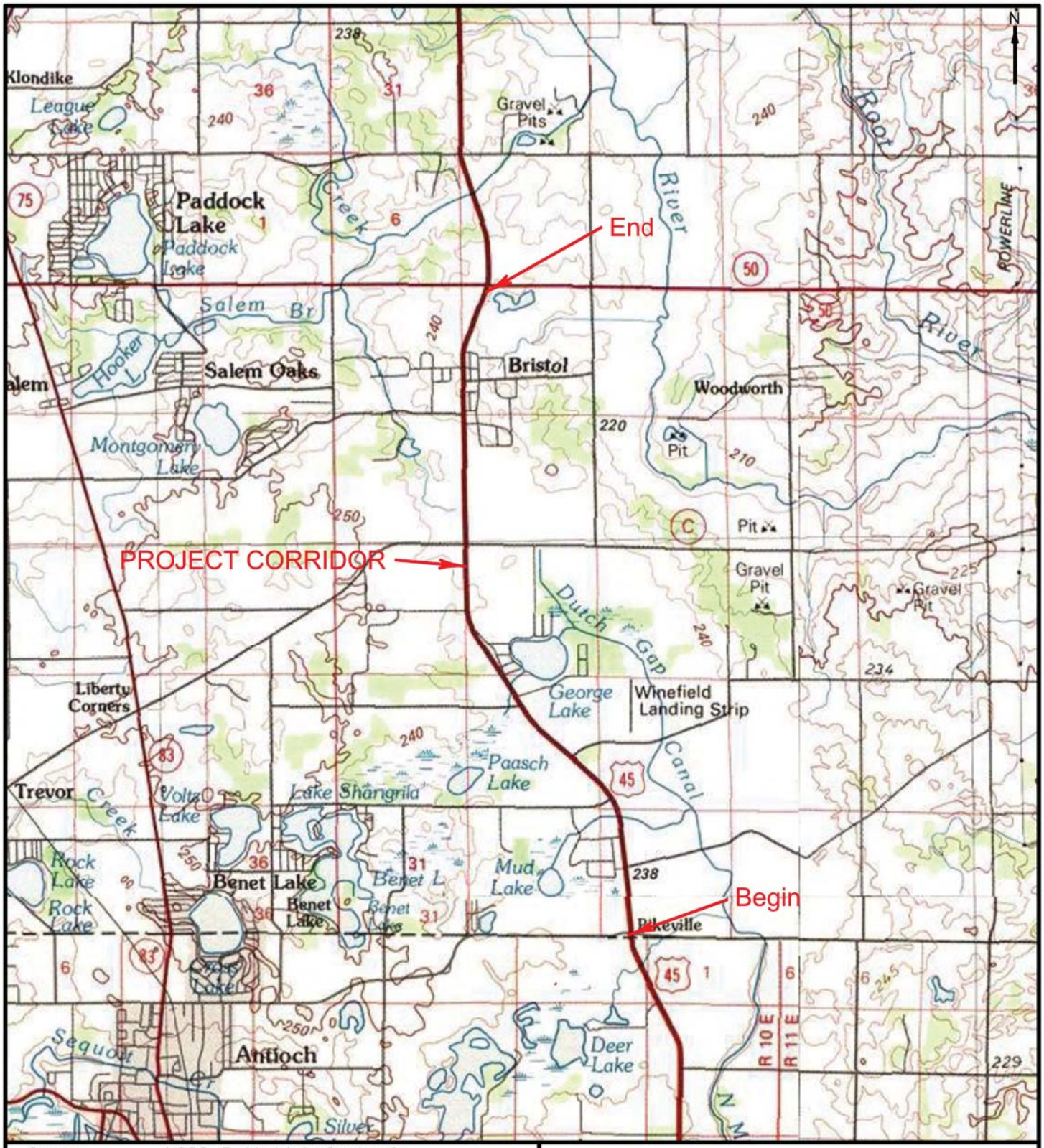
USH 45 (State Line Road (CTH WG) – STH 50), Kenosha County, WI

Project ID: 3200-02-73

Site #	SITE NAME AND ADDRESS	POTENTIAL HAZMAT CONCERNS*	REAL ESTATE INTERESTS	CONSTRUCTION** REQUIREMENTS	RECOMMENDATIONS
1	Residence 8018 200th Avenue STA 277+50 to 279+00 LT	UST	FEE (Strip = 10'), TLE, and PLE	Depth of cut (roadway) = 3' Depth of cut (water/sewer) = 6'	No further investigation
2	Bristol Garage 8335 200th Avenue STA 264+00 to 265+00 RT	UST	FEE (Total Take)	Depth of cut (roadway) = 2' Depth of cut (water/sewer) = 6' Depth of cut (pond) = 8'	Phase 2
3	Bristol Motors 8481 200th Avenue STA 254+50 to 255+90 RT	UST, LUST, WRRSER	TLE	Depth of cut (roadway) = 2.3' Depth of cut (water/sewer) = 6'	Phase 2.5
4	Kenosha Achievement Center 8601 200th Avenue STA 245+50 to 250+00 RT 93rd St: STA51+50 to 56+50 RT	CESQG, CRS, ERP, AUL, SHWIMS	None	Depth of cut (roadway) = 3.5'	No further investigation
5	Agricultural Property 8915 200th Avenue STA 224+00 to 228+50 RT	UST	None	Depth of cut (roadway) = 2.4'	No further investigation
6	Bristol Substation 20002 93rd Street CTH C: STA 45+50 to 49+00 LT	ERP	TLE	Depth of cut (roadway) = 3.7'	No further investigation
7	Intersection Hwy 45 and CTH C STA 201+50 to 202+50	ERNS, Spill	FEE (Strip up to 15'), and TLE	Depth of cut (roadway) = 2' Depth of cut (water/sewer) = 6' Depth of cut (signal bases) = 14'	No further investigation
8	Lillian Gureczny Property/ Countryside Market 20015 93rd Street STA 198+00 to 201+30 LT 93rd St: STA 45+50 to 49+50 RT	LUST, Non-Gen, UST, SHWIMS	FEE (Strip up to 20') and TLE	Depth of cut (roadway) = 2.5' Depth of cut (water/sewer) = 6' Depth of cut (signal bases) = 14'	Phase 2
9	Residential Property 10434 Bristol Road STA 138+00 to 141+50 LT	UST	FEE (Strip = 15') and TLE	Depth of cut (roadway) = 4.2'	No further investigation
10	Roadway Intersection STH 45 & CTH JS STA 129+00 to 131+00	Spills	FEE (Strip up to 20') and TLE	Depth of cut (roadway) = 4.7'	Phase 2
11	County Auto Body / Goffman, Goffman, & Witt 18224 116th Street STA 78+00 to 81+50 LT CTH V: STA 45+00 to 49+50 LT	CESQG, LUST, SHWIMS	FEE (Strip = 20') and TLE	Depth of cut (roadway) = 2'	No further investigation

Total number of Sites recommended for Phase 2 or 2.5: 4
Total number of Sites not recommended for Phase 2 or 2.5: 7
Total Sites Identified: 11

Notes:
AST = Aboveground Storage Tank; AUL = Activity and Use Limitations; BRRTS = Bureau of Remediation and Redevelopment Tracking System; CRS = Closed Remediation Site; ERP = Environmental Repair Program; CESQ = Conditionally Exempt Small Quantity Generator, UST = Underground Storage Tank; LUST = Leaking UST; SHWIMS: Solid & Hazardous Waste Information Management System; WRRSER: Wisconsin Remedial Response Site Evaluation Report; ERNS: Emergency Response Notification System; TLE = Temporary Lease Easement; R/W = Right-of-way; STA = Station; ft = feet; NA = Not Available
*Sites may be listed in one or more databases
** Based on the current construction information provided
Station numbers indicated above refer to the approximate locations of sites along the roadway and do not necessarily represent the property boundaries.



Source: USGS - Paddock Lake Quadrangle 1976 (Photorevised 1987)	**Figure 1. SITE LOCATION MAP**
Scale: 0 2850 5700	

HIMALAYAN CONSULTANTS, LLC
Engineers and Hydrogeologists
W156 N11357 Pilgrim Road
Germantown, Wisconsin 53022
Phone: (262) 502-0066

Project ID: 3200-02-73
USH 45 (State Line Road (CTH WG) - STH 50)
Kenosha County, WI

APPENDIX C

BRISTOL GARAGE
[SITE #2]

WisDOT Phase 1 Hazardous Materials Assessment Site Summary

(rev. 10/7/2005)

WisDOT Project ID: 3200-02-73
Highway/Street: USH 45
Termini/Limits: State Line Road (CTH WG) – STH 50
County: Kenosha

Property Information:
Site Name(s): **Bristol Garage [Site #2]**
DOT parcel number (if known):
Property Address: 8335 200th Avenue, Bristol Wi
Owner's Name: Bristol Garage LLC
Owner's Address: 8335 200th Avenue, Bristol, WI
Owner's Phone: 262-492-7309
Current Land Use: Auto Repair
Past Land Use: Gasoline Station

Real Estate Requirements:
☐None ☒Total take ☐Strip acquisition of feet
☐Temporary Limited Easement (TLE)
☐Permanent Limited Easement (PLE)
☐ Other (describe)

Construction Requirements:
☐ Excavation within current right of way to feet
☒ Excavation within proposed right of way to 8 feet
☐ Excavation within easement to feet
☐ Public or private utility or sanitary or storm sewer installation or excavation to feet

Information from database searches and interviews:
Department of Commerce (DCOMM)
- ☒ site has registered tanks ☐ASTs ☒USTs
- ☐ tanks are currently in use
- ☒ tanks are abandoned date: 1989-1990
- Tank contents:
  - ☒ Leaded gasoline ☐ Unleaded gasoline ☐ Fuel Oil ☐ Diesel
  - ☐ Kerosene ☐ Unknown ☐ Other (describe)
- ☐ site is a DCOMM administered LUST site; DCOMM ID number:
- ☐ site is a closed DCOMM LUST site; closure date:

Department of Natural Resources (DNR)
- ☐ site is a DNR administered LUST site; BRRTS number:
- ☐ site is a DNR administered ERP site; BRRTS number:
- ☐ site is a closed ☐LUST ☐ERP site; closure date:
- ☐ site is a landfill
- ☐ site is an abandoned waste disposal site
- ☐ site is a hazardous waste generator
- ☐ Other (please describe)

Sanborn Maps: site is a on map dated . Comments:
WisDOT historic plan sets: site is a on project dated . Comments:
Business directories: site is a in the directory dated . Comments:

A check in a checkbox indicates a positive or "yes" response.

Aerial photos: site is a on photo dated . Comments:
☐ Contamination discovered at feet during utility or other excavation in the area. Indicate location on site map.
Interview Information or other comments: gasoline tanks were located on the west side of the property and partially beneath the roadway.

Visual Evidence of Potential Contamination: (include additional information in space provided)
☐ No evidence of tanks
☐ USTs ☐ASTs Location, number and condition of tanks, contents, comments:
Location in relationship to current right of way: ☐ map attached
Location in relationship to proposed right of way: ☐ map attached
☐ Drums ☐Stained soils ☐Odor ☐Sheen on surface water ☐Areas of excavation
☐ Areas of fill ☐Stressed vegetation ☐ Pond(s) ☐ Basins/sumps ☐ Monitoring wells
☐ Soil borings
Comments:

Potential for Contaminant Migration: (attach supporting documentation such as plume maps, summaries of site investigation or closure reports).
☒ Property is a potential source of contamination
☐ Adjacent property is a potential source of contamination. Include site name or BRRTS number if known, describe location, include contaminant type and any additional information.
☐ Contaminated soil known to be within proposed right of way from feet to feet below ground surface
☐ Contaminated groundwater known to be within proposed right of way at feet below ground surface.
☐ Contaminated soil or groundwater within existing right of way. Attach copy of most recent investigation and plume maps.

Attachments – required
☒ Site photographs and a site map showing areas of concern
☐ Plat map showing parcel and any proposed areas of acquisition or easement
☐ Historic aerial photos of site - clearly outline site
☐ Historic WisDOT or other as-builts and plat maps - clearly outline site
☐ Plume maps for known contamination. Indicate existing or proposed right of way where applicable.

Recommendations
☐ No additional hazardous materials investigation is required.
☐ If construction or real estate requirements change, evaluation of need for further investigation will be necessary.
☐ Information is sufficient to use Standard Special Provisions. Copy of completed Standard Special Provision is attached.
☒ Conduct additional investigation
- ☒ Phase 2 (determine if contamination is present)
- ☐ Phase 2.5 (determine extent of contamination within existing R/W only)
- ☐ Phase 3 (determine full extent of contamination prior to acquisition)
- ☐ Phase 4 (remediate site)
- ☐ Other (describe)

Prepared by: Michelle Peed on 6/1/12
Recommendations accepted by (name and title): on
Signature: _____

A check in a checkbox indicates a positive or "yes" response.

Site #2

Bristol Garage
8335 200th Avenue
USH 45: STA 264+00 to 265+00 RT
84th Street: STA 50+25 to 53+00 LT

The site is identified on the UST database. Based on field reconnaissance, the site is currently an automobile tire and towing service. According to the DSPS Storage Tank Database, one 300-gallon unleaded gasoline UST and one 550-gallon leaded gasoline UST were closed / removed from the site between 1989 and 1990 and the usage was listed as retail fuel sales. Review of the Kenosha County Property Inquiry online indicated that the site is owned by Bristol Garage LLC [Ref.1].

According to EDR, no Sanborn maps are available for the site. Himalayan interviewed the site occupant, Pete Stemen (phone: 262-857-2661), who has occupied the site for the last 8 years. He indicated that he has used the site as a tire service and towing company and has no knowledge of environmental issues at the site. Himalayan also interviewed the property owner, Eugene Merten (phone: 262-492-7309), who has owned the property since 1965. He indicated that two gasoline USTs were located on the west side of the property and a portion of the tanks were located beneath the current roadway. Mr. Merten indicated that the tanks were one 300-gallon and one 550-gallon gasoline and they were removed in the late 1980s. He was unaware of any other environmental issues associated with the site.

Additionally, Himalayan interviewed Mr. Peter Parker, Fire Chief for the Village of Bristol, who was not aware of any environmental issues at the site or associated with the former tanks. No records of tank removal or inspection are kept by the fire department.

Soil / Groundwater Impacts

Based on Himalayan's record search, it appears that no soil or groundwater analytical data is available for the site.

Construction/Real Estate Requirements

Based on the proposed design plans, the maximum depths of excavation at this site are anticipated to be about 2 feet bgs for the roadway and 6 feet bgs for the water and sewer lines. Additionally, depth of cut for the pond is anticipated to be approximately 8 feet bgs.

This parcel is currently considered for a total take for the construction of a proposed storm water detention pond.

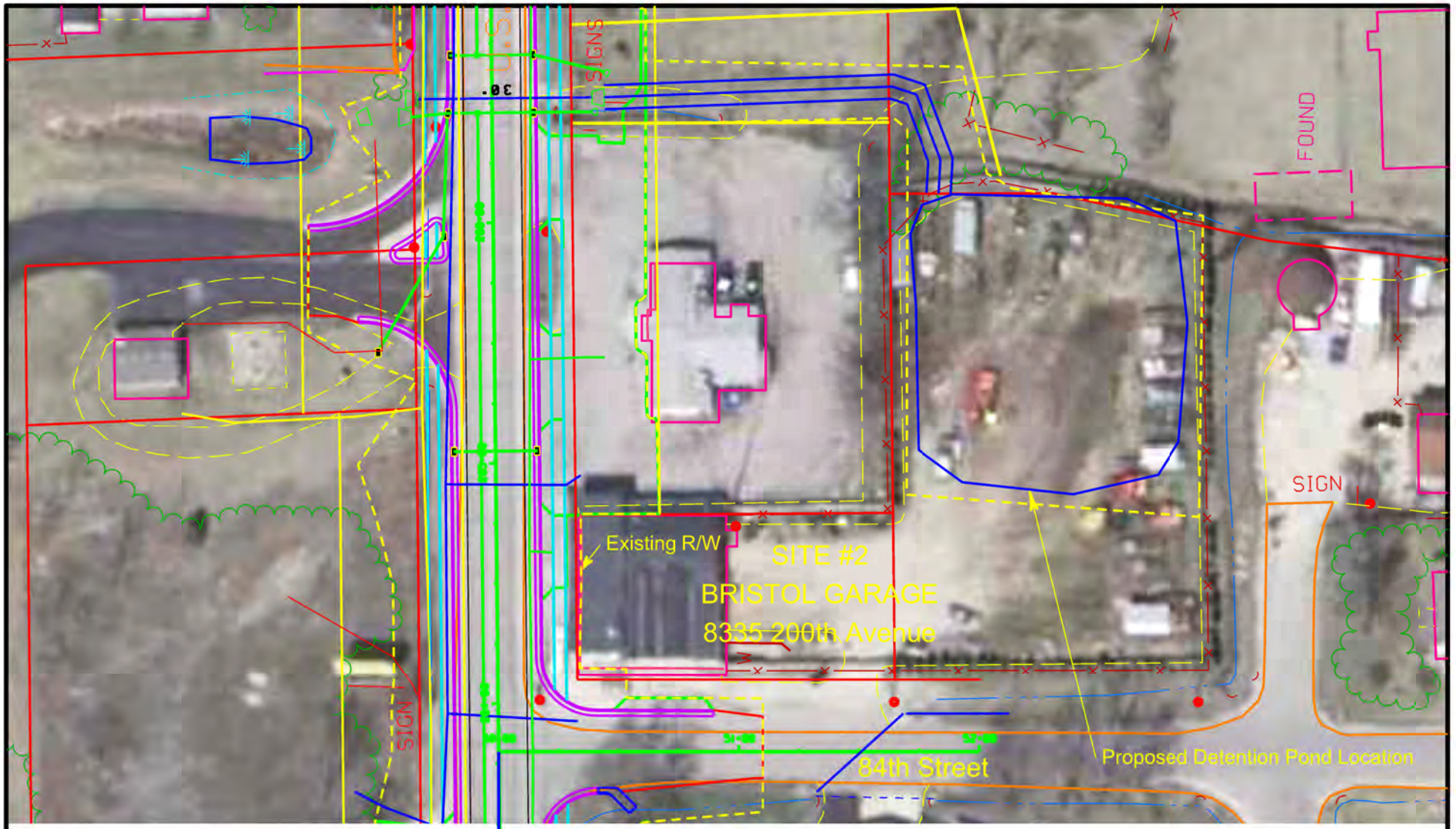
Recommendations

Considering the acquisition of this site and current use (auto repair) and former tanks located on site, this site has the potential to impact the proposed improvements. Therefore, further investigation is recommended for the site.

Refer to the attached Hazardous Materials Assessment Site Summary, and site-specific figure (Figure 4) for more detailed information on the site including the former or current buildings, existing R/Ws, and proposed construction.

References

1. Kenosha County Interactive Mapping, http://www.co.kenosha.wi.us/plandev/mapping/interactive_map.html



Source: Base map provided by RA Smith National, Inc.

Scale
0 30 60

Figure 4. SITE LOCATION MAP

HIMALAYAN CONSULTANTS, LLC
Engineers and Hydrogeologists
W156 N11357 Pilgrim Road
Germantown, Wisconsin 53022
Phone: (262) 502-0066

Project ID: 3200-02-73
USH 45 (State Line Road (CTH WG) - STH 50)
Kenosha County, WI

Site #2: Bristol Garage, 8335 200th Avenue. View southeast from west side of USH 45

Site #2: Bristol Garage, 8335 200th Avenue. View north from south side of 84th Street

Yass, Kenneth

From: Malsom, Andrew - DOT <Andrew.Malsom@dot.wi.gov>
Sent: Tuesday, April 02, 2013 8:50 AM
To: Yass, Kenneth
Subject: RE: 3200-02-03 USH 45 Kenosha County P2.5
Attachments: boring locations.pdf; 32000224 RW Plat.pdf

Good Morning Ken,

Good catch on the "you sent this to Shar twice". If I hadn't copied you, I'm not sure when I would have heard back from central office!

It is my understanding that the PSE for this project is May of 2016 with September LET. Real estate is preparing to make an appraisal in a couple of months for this early acquisition and as such we'll be doing some work for this site only at this time. As we get a bit closer to PSE we'll be doing some additional investigation of a couple of other sites that will likely require some landfill characterization for material expected to be encountered during construction.

The subject site (Bristol Garage) is going to be a total-take to provide for a storm water pond. I have attached a PDF (titled boring locations) depicting the building, proposed pond as well as my thoughts on some boring locations. I am also attaching a pdf of the RW plat depicting the proposed acquisition.

The complete Phase 1 as prepared by Himalayan is available at this FTP Link: ftp://ftp.dot.wi.gov/dtsd/se-region/HAZMAT/FINAL%20Phase%20I%20Report%20USH%2045%20Bristol.pdf

The complete 60% Plan Set is available at this FTP Link: ftp://ftp.dot.wi.gov/dtsd/se-region/HAZMAT/32000273_pln.pdf

Considering data from other sites nearby on the project, GW is expected to be encountered at approximately 5-7' BGS. As such, we should prepare for 10' direct-push soil borings. The subject site is an auto repair facility and historically was a filling station. It has been under the same ownership (Eugene Merten) since 1965. Reportedly, 2 gasoline USTs (300 and 550-gal) were removed from the site in the late 1980's. There is no information on whether the tanks had leaked or if any contamination was evident at the time of the tank removal. The owner reported to Himalayan that the tanks were on the west side of the property and partially under the current roadway. There is no activity associated with the subject site listed on BRRTS.

Given the current and past uses of the subject site, I'm thinking (2) soil samples per boring analyzed for GRO, DRO, PVOCs+Napth, (1) soil sample per boring analyzed for lead, and if water is encountered, we should try to collect grab samples from the three borings closest to the building and the boring located closest to the center of the proposed pond. For GW samples collected, lets analyze for PVOCs+Naph, GRO, DRO, Lead and Cadmium. If we try to leave temp wells at the site, they'll likely get run over or damaged. At this time of year it may be pretty easy to recover a grab sample.

It would be great if we could try to get a draft report in 10 weeks. That is around the time real estate will need to be finalizing their appraisals. Is that doable?

The owner of the subject site is:

Eugene R Merton
8335 200th Ave
Bristol, WI 53104-9536

262-492-7309

Please give me a call with any thoughts or questions after you have reviewed the attached information.

Thanks!

Andy

From: Yass, Kenneth [mailto:KYass@trcsolutions.com]
Sent: Monday, April 01, 2013 3:49 PM
To: Malsom, Andrew - DOT
Subject: RE: 3200-02-03 USH 45 Kenosha County P2.5

Andy – do you have the Phase 1 (& any Phase 2 data) for this project that you could send to me or that I could pick up from you? do you have the draft PS&E date for this project? Ken

KEN W. YASS, P.E., CHMM
PROJECT MANAGER
REMEDIATION TEAM LEADER – MILWAUKEE OFFICE

TRC Results you can rely on

150 North Patrick Boulevard, Suite 180, Brookfield, WI 53045
T: 262.901.2145 direct | F: 262.879.1220 | C: 414.416.1154
kyass@trcsolutions.com
LinkedIn | Twitter | Blog | Flickr | www.trcsolutions.com

From: Yass, Kenneth
Sent: Monday, April 01, 2013 3:33 PM
To: andrew.malsom@dot.wi.gov
Subject: FW: 3200-02-03 USH 45 Kenosha County P2.5
Importance: High

Andy – Bob put Shar twice in his response and I believe one of the Shar's should have been you. Ken

---

From: Pearson, Robert - DOT [mailto:robert.pearson@dot.wi.gov]
Sent: Monday, April 01, 2013 3:31 PM
To: Yass, Kenneth
Cc: TeBeest, Sharlene - DOT; TeBeest, Sharlene - DOT; Morse, James
Subject: RE: 3200-02-03 USH 45 Kenosha County P2.5
Importance: High

Please proceed and coordinate directly with Andy.

You decide, but if this is a "real estate take" scenario. Perhaps we should be calling this a Phase 3? You guys decide and label as you see fit. See FDM definitions as needed. The scale and effort needed for investigation can be tailored site specifically (so just because we call something a "phase 3" doesn't necessarily mean it has to be significantly more investigation per se than a Phase 2.5). And I think you know what I mean.

From: Malsom, Andrew - DOT
Sent: Monday, April 01, 2013 11:05 AM
To: Pearson, Robert - DOT; TeBeest, Sharlene - DOT
Cc: 'Yass, Kenneth'
Subject: 3200-02-03 USH 45 Kenosha County P2.5

Good Morning,

SE Region is requesting access to the contract with TRC in order to perform a P2.5 at a site proposed to be total real estate take on the subject project.

The project is:

3200-02-03
USH 45
CTH WG – STH 50
Kenosha County

The site information is:

Bristol Garage
8335 200th Ave
Bristol, WI

Please let me know if any additional information will be required before proceeding with TRC on this project.

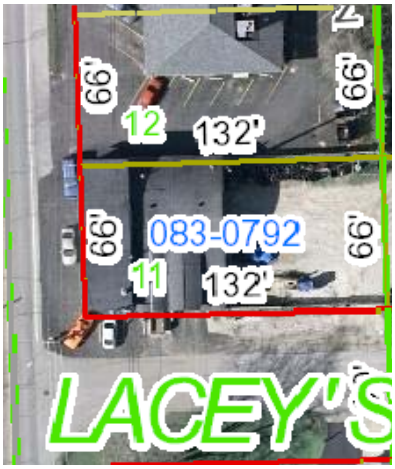
Thanks,

Andrew A. Malsom
HAZMAT & Environmental Engineer / Tribal Liaison
WisDOT SE Region
141 NW Barstow ST
Waukesha, WI 53187
andrew.malsom@dot.wi.gov
262-548-6705

Kenosha County Property Inquiry

Property Details: 37-4-121-083-0792

Muncipality:	Bristol (104)
Parcel Number:	37-4-121-083-0792
Property Address:	8335 200TH AVE
Mail-To Address:	BRISTOL GARAGE LLC 8335 200TH AVE BRISTOL, WI 53104
Legal Name/Ownership:	BRISTOL GARAGE LLC



Land Information (approximate):

Frontage:	This is an irregularly shaped parcel. No frontage or depth information will be displayed.
Depth:	
Property Class:	
Total Acres:	
Land Use	
Zoning:	

Building Information:

Building: 1

Residential Type	Commercial
Building Style	Commercial Building
Year Built	1918
Exterior Wall	
Square Feet (total)	3840
Basement	None
Heat/Air	
Fuel Type	
Heating System	
Residential Type:	Commercial
Building Style:	Commercial Building
Year Built:	1926
Stories:	.0
Exterior Wall:	Not applicable
Square Foot:	1280 1st-.00 2nd-.00
Heated Square Foot:	1280
Basement:	None
Heat/Air:	Not applicable
Bedrooms:	0

Utility Districts:

Elem. School:	Bristol School District 1	**High School:**	Central/Westosha High School
VTAE:	Gateway Technical College	**TIF:**	Not Applicable
Water:	Bristol Water Dst1	**Sewer:**	Bristol Sewer District 1
Light:	Not Applicable	**Utilities:**	Not Applicable
Fire:	Not Applicable	**Lake:**	Not Applicable
Drainage:			

Land Types

Description	Acres	Land Assessment	Improved Assessment
Commercial	.20	$39,600	$182,900

Assessments

Year	Land	Improved	Total
2012	$39,600	$182,900	$222,500
2011	$39,600	$182,900	$222,500
2010	$39,600	$182,900	$222,500

Taxes

Year	Total Tax	Interest Paid	Penalties Paid	Paid	Last Paid	Tax Bill	Status
2012	$3,456.35			$3,456.35	2012-12-27	2012	Paid
2011	$3,753.00			$3,753.00	2011-12-27	2011	Paid
2010	$3,666.43			$3,666.43	2010-12-28	2010	Paid

Sales

Inst	Mo/Yr	Document	Conveyance Amount	Volume	Page	Parcels Involved
WD	02/05	1434269	$220,744			04

Legal Description

198-B LOT 11 LACEY'S ADD SEC 8
T 1 R 21
DOC #1434269
(2010 INCORPORATION INTO VILLAGE OF
BRISTOL SEE OLD 35-4-121-083-0792
CERTIFICATION CASE 09-CV-722)
DOC#1683608

Special Notes

No special notes

Appendix B
Soil Boring Logs and Borehole Abandonment Forms

TRC Project No:	202795.0000.0000	Route To:	Remediation/Redevelopment	Page	1 of 1
Facility/Project Name: USH 45 Bristol Garage		License/Permit/Monitoring Number:		Boring Number: GP - 1	
Boring Drilled By: Name of crew chief (first, Last) and Firm: First Name: Dan Last Name: Bendorf Firm: Probe Technologies		Date Started: 4/24/2013	Date Completed: 4/24/2013	Drilling Method: Direct Push	
WI Unique Well No.		Well Name	Final Static Water Level	Surface Elevation: -	Borehole Diameter: 2"

Local Grid Origin (Estimated:) or Boring Location
State Plane: N, W
SW 1/4 of SW 1/4 of Section 8, T 1 N, R 21 E
Lat o ' "
Long o ' "

Local Grid Location: N E, Feet S Feet W

Facility ID	County	County Code	Civil Town/City/ or Village
	Kenosha		Bristol

Sample Number	Sample Length (In) Recovered	Blow Counts	Depth in Feet [Below Ground Surface]	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID Reading	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
				Asphalt and concrete										
1	10		2	Fill: Clayey sand, some gravel, brown, moist				0.0						
	10		4					0.0						
2	16		6	Silty clay with organics, dark brown to black, moist				0.0						Soil Sampled for Laboratory Analysis
	16		8	Silty clay, trace sand and gravel, brown with some gray mottling, moist				0.0						Soil Sampled for Laboratory Analysis
3	12		10					0.0						
	12		12					0.0						
4	24		14	Silty clay, trace sand and gravel, brown, moist				0.0						
	24		16					0.0						
5	18		18					0.0						
	18		20					0.0						

EOB @ 20' bgs

Borehole abandoned on 4/24/13

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

Signature

Firm
TRC Environmental Corporation
Brookfield, WI

TRC Project No:	202795.0000.0000	Route To:	Remediation/Redevelopment	Page	1 of 1
Facility/Project Name		License/Permit/Monitoring Number		Boring Number	
USH 45 Bristol Garage				GP - 2	

Boring Drilled By: Name of crew chief (first, Last) and Firm	Date Started	Date Completed	Drilling Method
First Name: Dan Last Name: Bendorf Firm: Probe Technologies	4/24/2013	4/24/2013	Direct Push

WI Unique Well No.		Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				-	2"

Local Grid Origin (Estimated:) or Boring Location
State Plane: N, W
SW 1/4 of SW 1/4 of Section 8 , T 1 N, R 21 E
Lat o ' "
Long o ' "

Local Grid Location
N E
Feet S Feet W

Facility ID	County	County Code	Civil Town/City/ or Village
	Kenosha		Bristol

Sample Number	Sample Length (In) Recovered	Blow Counts	Depth in Feet [Below Ground Surface]	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID Reading	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			0	Asphalt										
1	22		2	Silty clay with organics, trace of wood fragments, petroleum odors, dark brown to black, moist				27.5						
	22		4					60.2						
2	24		6	Silty clay, gray from ~5'-6', brown with gray mottling from ~6'-8', moist				58.2						
	24		8					212						Soil Sampled for Laboratory Analysis
3	24		10	Silty clay, trace sand and gravel, brown, moist				14.1						
	24		12					1.4						
4	24		14					0.4						Soil Sampled for Laboratory Analysis
	24		16					0.6						

EOB @ 16' bgs

Borehole abandoned on 4/24/13

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

Signature

Firm
TRC Environmental Corporation
Brookfield, WI

TRC Project No: 202795.0000.0000	Route To: Remediation/Redevelopment	Page 1 of 1
Facility/Project Name: USH 45 Bristol Garage	License/Permit/Monitoring Number	Boring Number: GP - 3

Boring Drilled By: Name of crew chief (first, Last) and Firm	Date Started	Date Completed	Drilling Method
First Name: Dan Last Name: Bendorf Firm: Probe Technologies	4/24/2013	4/24/2013	Direct Push

WI Unique Well No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			-	2"

Local Grid Origin (Estimated:) or Boring Location
State Plane: N, W
SW 1/4 of SW 1/4 of Section 8, T 1 N, R 21 E
Lat o ' "
Long o ' "
Local Grid Location: N E, Feet S Feet W

Facility ID	County	County Code	Civil Town/City/ or Village
	Kenosha		Bristol

Sample Number	Sample Length (in) Recovered	Blow Counts	Depth in Feet [Below Ground Surface]	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID Reading	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	12		2 4	Fill: Silty sand with some gravel, very loose, brown, moist				0.0						Soil Sampled for Laboratory Analysis
2	--		6	No Recovery				--						
	--		8					--						
3	16		10	Sandy clay, trace gravel, brown to gray, moist to wet				0.8						Soil Sampled for Laboratory Analysis
	16		12					0.0						
4	24		14	Clayey Silt, some 1"-2" medium sand seams, brown, moist, sand seams wet				0.0						
	24		16					0.0						
5	24		18					0.0						
	12		19					0.0						

EOB @ 19' bgs
Temporary well installed to 19'
Temporary well removed and borehole abandoned on 4/24/13

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

Signature	Firm
	TRC Environmental Corporation Brookfield, WI

TRC Project No: 202795.0000.0000	Route To: Remediation/Redevelopment	Page 1 of 1
Facility/Project Name: USH 45 Bristol Garage	License/Permit/Monitoring Number	Boring Number: GP - 4

Boring Drilled By: Name of crew chief (first, Last) and Firm	Date Started	Date Completed	Drilling Method
First Name: Dan Last Name: Bendorf Firm: Probe Technologies	4/24/2013	4/24/2013	Direct Push

WI Unique Well No.		Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				-	2"

Local Grid Origin (Estimated:) or Boring Location
State Plane: N, W
SW 1/4 of SW 1/4 of Section 8 , T 1 N, R 21 E
Lat o ' "
Long o ' "

Local Grid Location
Feet N Feet E
Feet S Feet W

Facility ID	County	County Code	Civil Town/City/ or Village
	Kenosha		Bristol

Sample Number	Sample Length (In) Recovered	Blow Counts	Depth in Feet [Below Ground Surface]	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID Reading	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	18		2	Fill: Gravel, gray, moist Silty clay/clayey silt, little sand, gray to dark brown, moist				0.0						Soil Sampled for Laboratory Analysis
	18		4	Brown				0.0						Soil Sampled for Laboratory Analysis
2	20		6					0.0						
	20		8					0.0						
3	24		10					0.0						

EOB @ 10' bgs
Temporary well installed to 10'
Temporary well removed and borehole abandoned on 4/24/13

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

Signature	Firm
	TRC Environmental Corporation Brookfield, WI

TRC Project No: 202795.0000.0000	Route To: Remediation/Redevelopment	Page 1 of 1
Facility/Project Name: USH 45 Bristol Garage	License/Permit/Monitoring Number	Boring Number: GP - 5

Boring Drilled By: Name of crew chief (first, Last) and Firm	Date Started	Date Completed	Drilling Method
First Name: Dan Last Name: Bendorf Firm: Probe Technologies	4/24/2013	4/24/2013	Direct Push

WI Unique Well No.		Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				-	2"

Local Grid Origin (Estimated:) or Boring Location
State Plane: N, W
SW 1/4 of SW 1/4 of Section 8 , T 1 N, R 21 E
Lat o ' "
Long o ' "

Local Grid Location
Feet N Feet E
Feet S Feet W

Facility ID	County	County Code	Civil Town/City/ or Village
	Kenosha		Bristol

Sample Number	Sample Length (In) Recovered	Blow Counts	Depth in Feet [Below Ground Surface]	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID Reading	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	12		2	Topsoil Silty clay, dark brown, moist				0.0						
	12		4	Silty fine sand, brown, wet				0.0						Soil Sampled for Laboratory Analysis
2	24		6	Silty clay, gray and brown mottling, moist				0.0						
	24		8					0.0						
3	24		10					0.0						Soil Sampled for Laboratory Analysis

EOB @ 10' bgs

Borehole abandoned on 4/24/13

\

Signature	Firm
	TRC Environmental Corporation Brookfield, WI

TRC Project No:	202795.0000.0000	Route To:	Remediation/Redevelopment	Page	1 of 1
Facility/Project Name: USH 45 Bristol Garage		License/Permit/Monitoring Number:		Boring Number: GP - 6	

Boring Drilled By: Name of crew chief (first, Last) and Firm	Date Started	Date Completed	Drilling Method
First Name: Dan Last Name: Bendorf Firm: Probe Technologies	4/24/2013	4/24/2013	Direct Push

WI Unique Well No.		Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				-	2"

Local Grid Origin (Estimated:) or Boring Location
State Plane: N, W
SW 1/4 of SW 1/4 of Section 8 , T 1 N, R 21 E
Lat o ' "
Long o ' "

Local Grid Location
N E
Feet S Feet W

Facility ID	County	County Code	Civil Town/City/ or Village
	Kenosha		Bristol

Sample Number	Sample Length (In) Recovered	Blow Counts	Depth in Feet [Below Ground Surface]	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID Reading	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	18		2	Fill: Gravel, gray, moist Silty clay with organics, dark brown, moist				0.0						
	18		4	Silty clay, trace sand and gravel, gray with brown mottling, moist to wet				0.0						Soil Sampled for Laboratory Analysis
2	18		6	Sandy silt and clay, brown, moist to wet				0.0						
	18		8					0.0						Soil Sampled for Laboratory Analysis
3	12		10	Silty clay with sand and gravel, brown, wet				0.0						

EOB @ 10' bgs

Borehole abandoned on 4/24/13

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

Signature

Firm
TRC Environmental Corporation
Brookfield, WI

TRC Project No:	202795.0000.0000	Route To:	Remediation/Redevelopment	Page	1 of 1
Facility/Project Name: USH 45 Bristol Garage		License/Permit/Monitoring Number:		Boring Number: GP - 7	

Boring Drilled By: Name of crew chief (first, Last) and Firm	Date Started	Date Completed	Drilling Method
First Name: Dan Last Name: Bendorf Firm: Probe Technologies	4/24/2013	4/24/2013	Direct Push

WI Unique Well No.		Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				-	2"

Local Grid Origin (Estimated:) or Boring Location
State Plane: N, W
SW 1/4 of SW 1/4 of Section 8 , T 1 N, R 21 E
Lat o ' "
Long o ' "

Local Grid Location
N E
Feet S Feet W

Facility ID	County	County Code	Civil Town/City/ or Village
	Kenosha		Bristol

Sample Number	Sample Length (In) Recovered	Blow Counts	Depth in Feet [Below Ground Surface]	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID Reading	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	12		2	Fill: Gravel, gray, moist Silty clay, brown, moist				0.0						Soil Sampled for Laboratory Analysis
	12		4	Silty clay with organics, dark brown, moist				0.0						
2	24		6	Silty clay, brown and gray mottling, moist				0.0						Soil Sampled for Laboratory Analysis
	24		8					0.0						
3	24		10					0.0						

EOB @ 10' bgs

Borehole abandoned on 4/24/13

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

Signature

Firm
TRC Environmental Corporation
Brookfield, WI

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 12/04)

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

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

1. General Information

WI Unique Well No.	DNR Well ID No.	County
_ _ _ _ _ _ _		KENOSHA

Common Well Name: GP-1 | Gov't Lot # (if applicable):

¼ / ¼	¼	Section	Township	Range
SW	SW	8	1 N	21 ☑ E ☐ W

Well Location ☐ ft / ☑ M (Local Grid ☐) Datum
_____ N / S _____ E / W _____ Zone
WTM ☐ UTM ☐ Latitude/Longitude ☐ State Plane ☐ S C N

Local Grid Origin ☐ ft / ☑ M Datum
_____ N, _____ E / W _____ Zone
WTM ☐ UTM ☐ Latitude/Longitude ☐ State Plane ☐ S C N

Reason For Abandonment: SOIL BORING
WI Unique Well No. of Replacement Well: _ _ _ _ _ _ _

2. Facility / Owner Information

Facility Name: BRISTOL GARAGE - WIS DOT
Facility ID | License/Permit/Monitoring No.
Street Address of Well: US Hwy 45 + 84TH ST.
City, Village or Town: BRISTOL
Present Well Owner | Original Well Owner
Street Address or Route of Present Owner
City | State | ZIP Code

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 4-24-13
If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): DIRECT PUSH

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Groundsurface (ft.)	Casing Diameter (in.)
20	2.25
Lower Drillhole Diameter (in.)	Casing Depth (ft.)

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☒ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

From (ft.)	To (ft.)	No. Yards, Sacks, Sealant or Volume (Circle one)	Mix Ratio or Mud Weight
BENTONITE CHIPS			
Surface	20		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: PROBE TECHNOLOGIES, INC.
Date of Abandonment: 4/24/13
Street or Route: W1225 SOUTH SHORE DR
Telephone Number: (262) 470-4768
City: PALMYRA | State: WI | ZIP Code: 53156
Signature of Person Doing Work
Date Signed: 5/10/13

DNR Use Only
Date Received | Noted By
Comments

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 12/04) Page 1 of 2

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

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

1. General Information

WI Unique Well No.	DNR Well ID No.	County
_ _ _ _ _ _ _		KENOSHA

Common Well Name: GP-2
Gov't Lot # (if applicable):

¼ / ¼	¼	Section	Township	Range
SW	SW	8	1 N	21 ☒ E ☐ W

Well Location ☐ ft / ☒ M (Local Grid ☐) Datum
_____ N / S _____ E / W _____ Zone
WTM ☐ UTM ☐ Latitude/Longitude ☐ State Plane ☐ S C N

Local Grid Origin ☐ ft / ☒ M Datum
_____ N, _____ E / W _____ Zone
WTM ☐ UTM ☐ Latitude/Longitude ☐ State Plane ☐ S C N

Reason For Abandonment: SOIL BORING
WI Unique Well No. of Replacement Well: _ _ _ _ _ _ _

2. Facility / Owner Information

Facility Name: BRISTOL GARAGE - WIS DOT
Facility ID:
License/Permit/Monitoring No.:
Street Address of Well: US Hwy 45 + 84TH ST.
City, Village or Town: BRISTOL
Present Well Owner:
Original Well Owner:
Street Address or Route of Present Owner:
City:
State:
ZIP Code:

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 4-24-13
If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): DIRECT PUSH

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Groundsurface (ft.)	Casing Diameter (in.)
16	2.25
Lower Drillhole Diameter (in.)	Casing Depth (ft.)

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown
If yes, to what depth (feet)?
Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☒ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (Circle one)	Mix Ratio or Mud Weight
BENTONITE CHIPS	Surface	16	3/4	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: PROBE TECHNOLOGIES, INC.
Date of Abandonment: 4/24/13
Street or Route: W225 SOUTH SHORE DR.
Telephone Number: (262) 470-4768
City: PALMYRA
State: WI
ZIP Code: 53156
Signature of Person Doing Work:
Date Signed: 5/10/13

DNR Use Only
Date Received:
Noted By:
Comments:

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 12/04) Page 1 of 2

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

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

1. General Information

WI Unique Well No.	DNR Well ID No.	County
_ _ _ _ _ _ _		KENOSHA

Common Well Name: GP-3
Gov't Lot # (if applicable):

¼ / ¼	¼	Section	Township	Range
SW	SW	8	1 N	21 ☒ E ☐ W

Well Location ☐ ft / ☐ M (Local Grid ☐) Datum
_____ N / S _____ E / W _____ Zone
WTM ☐ UTM ☐ Latitude/Longitude ☐ State Plane ☐ S C N

Local Grid Origin ☐ ft / ☐ M Datum
_____ N, _____ E / W _____ Zone
WTM ☐ UTM ☐ Latitude/Longitude ☐ State Plane ☐ S C N

Reason For Abandonment: SOIL BORING
WI Unique Well No. of Replacement Well: _ _ _ _ _ _ _

2. Facility / Owner Information

Facility Name: BRISTOL GARAGE - WIS DOT
Facility ID:
License/Permit/Monitoring No.:
Street Address of Well: US Hwy 45 + 84TH ST.
City, Village or Town: BRISTOL
Present Well Owner:
Original Well Owner:
Street Address or Route of Present Owner:
City:
State:
ZIP Code:

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 4-24-13
If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): DIRECT PUSH

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Groundsurface (ft.)	Casing Diameter (in.)
19	2.25
Lower Drillhole Diameter (in.)	Casing Depth (ft.)

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown
If yes, to what depth (feet)?
Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☒ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (Circle one)	Mix Ratio or Mud Weight
BENTONITE CHIPS			
Surface	19	1	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: PROBE TECHNOLOGIES, INC.
Date of Abandonment: 4/24/13
Street or Route: W225 SOUTH SHORE DR.
Telephone Number: (262) 470-4768
City: PALMYRA
State: WI
ZIP Code: 53156
Signature of Person Doing Work:
Date Signed: 5/10/13

DNR Use Only
Date Received:
Noted By:
Comments:

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 12/04) Page 1 of 2

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

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

1. General Information

WI Unique Well No. _____ DNR Well ID No. _____ County: KENOSHA

Common Well Name: GP - 4 Gov't Lot # (if applicable)

¼ / ¼: SW ¼: SW Section: 8 Township: 1 N Range: 21 ☒ E ☐ W

Well Location ☐ ft / ☒ M (Local Grid ☐) Datum

_____ ☐ N / ☐ S _____ ☐ E / ☐ W _____ Zone

WTM ☐ UTM ☐ Latitude/Longitude ☐ State Plane ☐ ☐ S ☐ C ☐ N

Local Grid Origin ☐ ft / ☐ M Datum

_____ N, _____ ☐ E / ☐ W _____ Zone

WTM ☐ UTM ☐ Latitude/Longitude ☐ State Plane ☐ ☐ S ☐ C ☐ N

Reason For Abandonment: SOIL BORING

WI Unique Well No. of Replacement Well: _____

2. Facility / Owner Information

Facility Name: BRISTOL GARAGE - WIS DOT

Facility ID: _____ License/Permit/Monitoring No.: _____

Street Address of Well: US Hwy 45 + 84TH ST.

City, Village or Town: BRISTOL

Present Well Owner: _____ Original Well Owner: _____

Street Address or Route of Present Owner: _____

City: _____ State: _____ ZIP Code: _____

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 4-24-13

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): DIRECT PUSH

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Groundsurface (ft.): 10 Casing Diameter (in.): 2.25

Lower Drillhole Diameter (in.): _____ Casing Depth (ft.): _____

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)? _____ Depth to Water (feet): _____

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☒ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry * *
☐ Concrete ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks, Sealant or Volume (circle one)	Mix Ratio or Mud Weight
BENTONITE CHIPS	Surface	10	4/3	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: PROBE TECHNOLOGIES, INC.

Date of Abandonment: 4/24/13

Street or Route: W225 SOUTH SHORE DR.

Telephone Number: (262) 470-4768

City: PALMYRA State: WI ZIP Code: 53156

Signature of Person Doing Work: [signature]

Date Signed: 5/10/13

DNR Use Only

Date Received: _____ Noted By: _____

Comments: _____

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 12/04) Page 1 of 2

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

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

1. General Information

WI Unique Well No.	DNR Well ID No.	County
_ _ _ _ _ _		KENOSHA

Common Well Name: GP-5 | Gov't Lot # (if applicable):

¼ / ¼	¼	Section	Township	Range
SW	SW	8	1 N	21 ☒ E ☐ W

Well Location ☐ ft. / ☒ M (Local Grid ☐) Datum
_____ ☐ N / ☐ S _____ ☐ E / ☐ W _____ Zone
WTM ☐ UTM ☐ Latitude/Longitude ☐ State Plane ☐ ☐ S ☐ C ☐ N

Local Grid Origin ☐ ft. / ☐ M Datum
_____ N, _____ ☐ E / ☐ W _____ Zone
WTM ☐ UTM ☐ Latitude/Longitude ☐ State Plane ☐ ☐ S ☐ C ☐ N

Reason For Abandonment: SOIL BORING
WI Unique Well No. of Replacement Well: _ _ _ _ _ _

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 4-24-13
If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): DIRECT PUSH

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Groundsurface (ft.)	Casing Diameter (in.)
10	2.25
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)

2. Facility / Owner Information

Facility Name: BRISTOL GARAGE - WIS DOT
Facility ID | License/Permit/Monitoring No.
Street Address of Well: US Hwy 45 + 84TH ST.
City, Village or Town: BRISTOL
Present Well Owner | Original Well Owner
Street Address or Route of Present Owner
City | State | ZIP Code

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☒ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
BENTONITE CHIPS	Surface	10	1/3	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work	Date of Abandonment
PROSE TECHNOLOGIES, INC.	4/24/13
Street or Route	**Telephone Number**
W1225 SOUTH SHORE DR	(262) 470-4768
City	**State**	**ZIP Code**
PALMYRA	WI	53156

DNR Use Only
Date Received | Noted By
Comments

Signature of Person Doing Work: _____ Date Signed: 5/10/13

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 12/04) Page 1 of 2

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

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

1. General Information

WI Unique Well No.	DNR Well ID No.	County
_ _ _ _ _ _		KENOSHA

Common Well Name: GP - 10 | Gov't Lot # (if applicable):

¼ / ¼	¼	Section	Township	Range
SW	SW	8	1 N	21 ☒ E ☐ W

Well Location ☐ ft. / ☒ M (Local Grid ☐) Datum

_____ ☐ N / ☐ S _____ ☐ E / ☐ W _____ Zone

WTM ☐ UTM ☐ Latitude/Longitude ☐ State Plane ☐ S C N

Local Grid Origin ☐ ft. / ☐ M Datum

_____ N, _____ ☐ E / ☐ W _____ Zone

WTM ☐ UTM ☐ Latitude/Longitude ☐ State Plane ☐ S C N

Reason For Abandonment: SOIL BORING

WI Unique Well No. of Replacement Well: _ _ _ _ _ _

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 4-24-13

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): DIRECT PUSH

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Groundsurface (ft.)	Casing Diameter (in.)
10	2.25
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)

2. Facility / Owner Information

Facility Name: BRISTOL GARAGE - WIS DOT

Facility ID	License/Permit/Monitoring No.

Street Address of Well: US HWY 45 + 84TH ST.

City, Village or Town: BRISTOL

Present Well Owner	Original Well Owner

Street Address or Route of Present Owner:

City	State	ZIP Code

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☒ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks, Sealant or Volume (Circle one)	Mix Ratio or Mud Weight
BENTONITE CHIPS	Surface	10	1/3	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work	Date of Abandonment
PROSE TECHNOLOGIES, INC.	4/24/13
Street or Route	**Telephone Number**
W225 SOUTH SHORE DR	(262) 470-4768

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
PALMYRA	WI	53156		5/10/13

DNR Use Only

Date Received	Noted By
Comments	

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 12/04)

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

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

1. General Information

WI Unique Well No. _____ DNR Well ID No. _____ County: KENOSHA

Common Well Name: B-7 Gov't Lot # (if applicable): _____

¼ / ¼: SW ¼: SW Section: 8 Township: 1 N Range: 21 ☒ E ☐ W

Well Location ☐ ft / ☒ M (Local Grid ☐) Datum: _____

_____ ☐ N / ☐ S _____ ☐ E / ☐ W _____ Zone

WTM ☐ UTM ☐ Latitude/Longitude ☐ State Plane ☐ ☐ S ☐ C ☐ N

Local Grid Origin ☐ ft / ☐ M Datum: _____

_____ N, _____ ☐ E / ☐ W _____ Zone

WTM ☐ UTM ☐ Latitude/Longitude ☐ State Plane ☐ ☐ S ☐ C ☐ N

Reason For Abandonment: SOIL BORING

WI Unique Well No. of Replacement Well: _____

2. Facility / Owner Information

Facility Name: BRISTOL GARAGE - WIS DOT

Facility ID: _____ License/Permit/Monitoring No.: _____

Street Address of Well: US Hwy 45 + 84TH ST.

City, Village or Town: BRISTOL

Present Well Owner: _____ Original Well Owner: _____

Street Address or Route of Present Owner: _____

City: _____ State: _____ ZIP Code: _____

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 4-24-13

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): DIRECT PUSH

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Groundsurface (ft.): 10 Casing Diameter (in.): 2.25

Lower Drillhole Diameter (in.): _____ Casing Depth (ft.): _____

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)? _____ Depth to Water (feet): _____

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☒ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry
☐ Concrete ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
BENTONITE CHIPS			
Surface	10	3	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: PROBE TECHNOLOGIES, INC.

Date of Abandonment: 4/24/13

Street or Route: W225 SOUTH SHORE DR.

Telephone Number: (262) 470-4768

City: PALMYRA State: WI ZIP Code: 53156

Signature of Person Doing Work: [signature]

Date Signed: 5/10/13

DNR Use Only

Date Received: _____ Noted By: _____

Comments: _____

Appendix C
Photographs

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation (WisDOT)	USH 45 Bristol Garage Bristol, WI	WisDOT: 3200-02-73 TRC: 202795.0000.0000

Photo No.	Date
1	4/24/13

Description
Looking north at the location of GP-1.

Photo No.	Date
2	4/24/13

Description
Looking east/northeast at the location of GP-2.

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation (WisDOT)	USH 45 Bristol Garage Bristol, WI	WisDOT: 3200-02-73 TRC: 202795.0000.0000

Photo No.	Date
3	4/24/13

Description
Looking west at the location of GP-3.

Photo No.	Date
4	4/24/13

Description
Looking northeast at the location of GP-4.

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation (WisDOT)	USH 45 Bristol Garage Bristol, WI	WisDOT: 3200-02-73 TRC: 202795.0000.0000

Photo No.	Date
5	4/24/13

Description
Looking west/northwest at the location of GP-5.

Photo No.	Date
6	4/24/13

Description
Looking east at the location of GP-6.

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation (WisDOT)	USH 45 Bristol Garage Bristol, WI	WisDOT: 3200-02-73 TRC: 202795.0000.0000

Photo No.	Date
7	4/24/13

Description
Looking south at the location of GP-7.

Appendix D
Laboratory Analytical Report

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-56421-1
Client Project/Site: WisDOT Bristol Garage - 202795

For:
TRC Environmental Corporation.
150 N. Patrick Blvd.
Suite 180
Brookfield, Wisconsin 53045

Attn: Ken Yass

Sandie Fredrick

Authorized for release by:
5/8/2013 3:39:56 PM

Sandie Fredrick, Project Manager I
sandie.fredrick@testamericainc.com

Table of Contents

Client: TRC Environmental Corporation.
Project/Site: WisDOT Bristol Garage - 202795

TestAmerica Job ID: 500-56421-1

Job ID: 500-56421-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-56421-1

Comments
No additional comments.

Receipt
The samples were received on 4/26/2013 10:25 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.3º C.

GC/MS VOA
No analytical or quality issues were noted.

GC VOA
No analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Metals
Method(s) 6010B: The method blank for preparation batch 184352 contained Pb above the reporting limit (RL). The associated sample(s) contained detects for this analyte at concentrations greater than 10X the value found in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 6020, 6020A: The internal standard (Tb) was used in reporting the elements Tl and Pb for AD batch 184778.

Method(s) 6020, 6020A: The ICSAB for batch 184778 was outside the acceptance limits for element Se. All the samples results were below the RL. The samples were therefore reported.

No other analytical or quality issues were noted.

Field Service / Mobile Lab
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Detection Summary

Client: TRC Environmental Corporation.
Project/Site: WisDOT Bristol Garage - 202795

TestAmerica Job ID: 500-56421-1

Client Sample ID: GP-1 4-6' — Lab Sample ID: 500-56421-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
WI Diesel Range Organics (C10-C28)	2.8	J	4.4	1.8	mg/Kg	1	☼	WI-DRO	Total/NA
Lead	14	B	0.59	0.20	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-1 6-8' — Lab Sample ID: 500-56421-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
WI Diesel Range Organics (C10-C28)	3.8	J	4.3	1.7	mg/Kg	1	☼	WI-DRO	Total/NA
Lead	13	B	0.60	0.21	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-2 6-8' — Lab Sample ID: 500-56421-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	3600		140	15	ug/Kg	50	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	1100		140	15	ug/Kg	50	☼	8260B	Total/NA
Benzene	470		18	5.2	ug/Kg	50	☼	8260B	Total/NA
Ethylbenzene	790		18	8.9	ug/Kg	50	☼	8260B	Total/NA
Isopropylbenzene	680		140	18	ug/Kg	50	☼	8260B	Total/NA
Naphthalene	1800		140	35	ug/Kg	50	☼	8260B	Total/NA
n-Butylbenzene	1400		71	9.1	ug/Kg	50	☼	8260B	Total/NA
N-Propylbenzene	1200		140	12	ug/Kg	50	☼	8260B	Total/NA
p-Isopropyltoluene	790		140	13	ug/Kg	50	☼	8260B	Total/NA
sec-Butylbenzene	770		71	11	ug/Kg	50	☼	8260B	Total/NA
Xylenes, Total	1600		35	4.8	ug/Kg	50	☼	8260B	Total/NA
WI Gasoline Range Organics (C5-C10)	250000		18000	5300	ug/Kg	500	☼	WI-GRO	Total/NA
WI Diesel Range Organics (C10-C28)	11		4.2	1.7	mg/Kg	1	☼	WI-DRO	Total/NA
Arsenic	11		1.1	0.24	mg/Kg	1	☼	6010B	Total/NA
Barium	54		1.1	0.13	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.19	J	0.22	0.053	mg/Kg	1	☼	6010B	Total/NA
Chromium	21		1.1	0.18	mg/Kg	1	☼	6010B	Total/NA
Lead	10	B	0.54	0.19	mg/Kg	1	☼	6010B	Total/NA
Mercury	18		18	8.7	ug/Kg	1	☼	7471A	Total/NA

Client Sample ID: GP-2 12-14' — Lab Sample ID: 500-56421-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
WI Diesel Range Organics (C10-C28)	3.3	J	4.1	1.7	mg/Kg	1	☼	WI-DRO	Total/NA
Lead	8.9	B	0.52	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-3 0-4' — Lab Sample ID: 500-56421-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
WI Diesel Range Organics (C10-C28)	2.6	J	3.7	1.5	mg/Kg	1	☼	WI-DRO	Total/NA
Lead	7.3	B	0.53	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-3 8-10' — Lab Sample ID: 500-56421-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
WI Diesel Range Organics (C10-C28)	3.3	J	4.3	1.7	mg/Kg	1	☼	WI-DRO	Total/NA
Lead	15	B	0.52	0.18	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: TRC Environmental Corporation.
Project/Site: WisDOT Bristol Garage - 202795

TestAmerica Job ID: 500-56421-1

Client Sample ID: GP-4 0-2' — Lab Sample ID: 500-56421-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
WI Diesel Range Organics (C10-C28)	2.5	J	4.3	1.7	mg/Kg	1	☼	WI-DRO	Total/NA
Lead	19	B	0.56	0.19	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-4 2-4' — Lab Sample ID: 500-56421-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
WI Diesel Range Organics (C10-C28)	2.1	J	4.3	1.7	mg/Kg	1	☼	WI-DRO	Total/NA
Lead	11	B	0.61	0.21	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-5 2-4' — Lab Sample ID: 500-56421-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
WI Diesel Range Organics (C10-C28)	2.1	J	4.5	1.8	mg/Kg	1	☼	WI-DRO	Total/NA
Lead	12	B	0.64	0.22	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-5 8-10' — Lab Sample ID: 500-56421-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
WI Diesel Range Organics (C10-C28)	2.4	J	4.1	1.6	mg/Kg	1	☼	WI-DRO	Total/NA
Lead	10	B	0.54	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-6 2-4' — Lab Sample ID: 500-56421-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
WI Diesel Range Organics (C10-C28)	1.9	J	4.4	1.8	mg/Kg	1	☼	WI-DRO	Total/NA
Lead	14	B	0.54	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-6 6-8' — Lab Sample ID: 500-56421-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.7	B	0.52	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-7 0-2' — Lab Sample ID: 500-56421-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
WI Diesel Range Organics (C10-C28)	3.5	J	4.8	1.9	mg/Kg	1	☼	WI-DRO	Total/NA
Lead	23	B	0.63	0.22	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-7 4-6' — Lab Sample ID: 500-56421-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
WI Diesel Range Organics (C10-C28)	2.0	J	4.5	1.8	mg/Kg	1	☼	WI-DRO	Total/NA
Lead	9.4	B	0.58	0.20	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: MeOH Blank — Lab Sample ID: 500-56421-15

No Detections.

Client Sample ID: GP-3 — Lab Sample ID: 500-56421-16

This Detection Summary does not include radiochemical test results.

Client Sample ID: GP-3 (Continued) — Lab Sample ID: 500-56421-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.36	J	1.0	0.15	ug/L	1		6020	Dissolved
Barium	92		2.5	0.45	ug/L	1		6020	Dissolved
Cadmium	0.18	J	0.50	0.10	ug/L	1		6020	Dissolved
Chromium	0.76	J	5.0	0.64	ug/L	1		6020	Dissolved
Lead	0.73		0.50	0.16	ug/L	1		6020	Dissolved
Selenium	0.53	J ^	2.5	0.25	ug/L	1		6020	Dissolved
Silver	0.15	J	0.50	0.069	ug/L	1		6020	Dissolved

Client Sample ID: GP-4 — Lab Sample ID: 500-56421-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.44	J	0.50	0.074	ug/L	1		8260B	Total/NA
Ethylbenzene	0.31	J	0.50	0.13	ug/L	1		8260B	Total/NA
Arsenic	1.7		1.0	0.15	ug/L	1		6020	Dissolved
Barium	66		2.5	0.45	ug/L	1		6020	Dissolved
Chromium	0.66	J	5.0	0.64	ug/L	1		6020	Dissolved
Lead	0.83		0.50	0.16	ug/L	1		6020	Dissolved

Client Sample ID: Trip Blank — Lab Sample ID: 500-56421-18

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: TRC Environmental Corporation.
Project/Site: WisDOT Bristol Garage - 202795

TestAmerica Job ID: 500-56421-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
WDNR	Wisconsin - Gasoline Range Organics (GC)	WI-GRO	TAL NSH
WI-GRO	Wisconsin - Gasoline Range Organics (GC)	WI-GRO	TAL CHI
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
WI-DRO	Wisconsin - Diesel Range Organics (GC)	WI-DRO	TAL CHI
6010B	Metals (ICP)	SW846	TAL CHI
6020	Metals (ICP/MS)	SW846	TAL CHI
7470A	Mercury (CVAA)	SW846	TAL CHI
7471A	Mercury (CVAA)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

WI-DRO = "Modified DRO: Method For Determining Diesel Range Organics", Wisconsin DNR, Publ-SW-141, September, 1995.

WI-GRO = "Modified GRO: Method For Determining Gasoline Range Organics", Wisconsin DNR, Publ-SW-140, September, 1995.

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Sample Summary

Client: TRC Environmental Corporation.
Project/Site: WisDOT Bristol Garage - 202795

TestAmerica Job ID: 500-56421-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-56421-1	GP-1 4-6'	Solid	04/24/13 00:00	04/26/13 10:25
500-56421-2	GP-1 6-8'	Solid	04/24/13 00:00	04/26/13 10:25
500-56421-3	GP-2 6-8'	Solid	04/24/13 00:00	04/26/13 10:25
500-56421-4	GP-2 12-14'	Solid	04/24/13 00:00	04/26/13 10:25
500-56421-5	GP-3 0-4'	Solid	04/24/13 00:00	04/26/13 10:25
500-56421-6	GP-3 8-10'	Solid	04/24/13 00:00	04/26/13 10:25
500-56421-7	GP-4 0-2'	Solid	04/24/13 00:00	04/26/13 10:25
500-56421-8	GP-4 2-4'	Solid	04/24/13 00:00	04/26/13 10:25
500-56421-9	GP-5 2-4'	Solid	04/24/13 00:00	04/26/13 10:25
500-56421-10	GP-5 8-10'	Solid	04/24/13 00:00	04/26/13 10:25
500-56421-11	GP-6 2-4'	Solid	04/24/13 00:00	04/26/13 10:25
500-56421-12	GP-6 6-8'	Solid	04/24/13 00:00	04/26/13 10:25
500-56421-13	GP-7 0-2'	Solid	04/24/13 00:00	04/26/13 10:25
500-56421-14	GP-7 4-6'	Solid	04/24/13 00:00	04/26/13 10:25
500-56421-15	MeOH Blank	Solid	04/24/13 00:00	04/26/13 10:25
500-56421-16	GP-3	Water	04/24/13 00:00	04/26/13 10:25
500-56421-17	GP-4	Water	04/24/13 00:00	04/26/13 10:25
500-56421-18	Trip Blank	Water	04/24/13 00:00	04/26/13 10:25

Client Sample ID: GP-1 4-6'

Lab Sample ID: 500-56421-1

Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 77.8

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<19		31	19	ug/Kg	☼	04/27/13 16:45	04/29/13 16:42	1
1,3,5-Trimethylbenzene	<19		31	19	ug/Kg	☼	04/27/13 16:45	04/29/13 16:42	1
Benzene	<23		31	23	ug/Kg	☼	04/27/13 16:45	04/29/13 16:42	1
Ethylbenzene	<24		31	24	ug/Kg	☼	04/27/13 16:45	04/29/13 16:42	1
Methyl tert-butyl ether	<15		31	15	ug/Kg	☼	04/27/13 16:45	04/29/13 16:42	1
Naphthalene	<150		310	150	ug/Kg	☼	04/27/13 16:45	04/29/13 16:42	1
Toluene	<21		31	21	ug/Kg	☼	04/27/13 16:45	04/29/13 16:42	1
Xylenes, Total	<38		94	38	ug/Kg	☼	04/27/13 16:45	04/29/13 16:42	1
Wisconsin GRO	<3100		6300	3100	ug/Kg	☼	04/27/13 16:45	04/29/13 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*80 - 120*	*04/27/13 16:45*	*04/29/13 16:42*	*1*
a,a,a-Trifluorotoluene	*93*		*80 - 120*	*04/27/13 16:45*	*04/29/13 16:42*	*1*

Method: WI-DRO - Wisconsin - Diesel Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
WI Diesel Range Organics (C10-C28)	**2.8**	**J**	4.4	1.8	mg/Kg	☼	04/30/13 08:37	05/01/13 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*77*		*44 - 148*	*04/30/13 08:37*	*05/01/13 00:12*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**14**	**B**	0.59	0.20	mg/Kg	☼	04/26/13 16:00	05/02/13 02:17	1

Client Sample ID: GP-1 6-8'

Lab Sample ID: 500-56421-2

Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 82.1

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<15		25	15	ug/Kg	☼	04/27/13 16:45	04/29/13 17:10	1
1,3,5-Trimethylbenzene	<15		25	15	ug/Kg	☼	04/27/13 16:45	04/29/13 17:10	1
Benzene	<18		25	18	ug/Kg	☼	04/27/13 16:45	04/29/13 17:10	1
Ethylbenzene	<19		25	19	ug/Kg	☼	04/27/13 16:45	04/29/13 17:10	1
Methyl tert-butyl ether	<12		25	12	ug/Kg	☼	04/27/13 16:45	04/29/13 17:10	1
Naphthalene	<120		250	120	ug/Kg	☼	04/27/13 16:45	04/29/13 17:10	1
Toluene	<17		25	17	ug/Kg	☼	04/27/13 16:45	04/29/13 17:10	1
Xylenes, Total	<30		75	30	ug/Kg	☼	04/27/13 16:45	04/29/13 17:10	1
Wisconsin GRO	<2500		5000	2500	ug/Kg	☼	04/27/13 16:45	04/29/13 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*80 - 120*	*04/27/13 16:45*	*04/29/13 17:10*	*1*
a,a,a-Trifluorotoluene	*91*		*80 - 120*	*04/27/13 16:45*	*04/29/13 17:10*	*1*

Method: WI-DRO - Wisconsin - Diesel Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
WI Diesel Range Organics (C10-C28)	**3.8**	**J**	4.3	1.7	mg/Kg	☼	04/30/13 08:37	05/01/13 00:48	1

Client: TRC Environmental Corporation.
Project/Site: WisDOT Bristol Garage - 202795

TestAmerica Job ID: 500-56421-1

Client Sample ID: GP-1 6-8'

Lab Sample ID: 500-56421-2

Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 82.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*80*		*44 - 148*	*04/30/13 08:37*	*05/01/13 00:48*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**13**	**B**	0.60	0.21	mg/Kg	☼	04/26/13 16:00	05/02/13 02:45	1

Client Sample ID: GP-2 6-8'

Lab Sample ID: 500-56421-3

Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 83.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<24		140	24	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
1,1,1-Trichloroethane	<14		71	14	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
1,1,2,2-Tetrachloroethane	<17		71	17	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
1,1,2-Trichloroethane	<20		71	20	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
1,1-Dichloroethane	<13		71	13	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
1,1-Dichloroethene	<22		71	22	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
1,1-Dichloropropene	<24		71	24	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
1,2,3-Trichlorobenzene	<25		140	25	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
1,2,3-Trichloropropane	<40		140	40	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
1,2,4-Trichlorobenzene	<27		140	27	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
1,2,4-Trimethylbenzene	**3600**		140	15	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
1,2-Dibromo-3-Chloropropane	<61		140	61	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
1,2-Dibromoethane	<22		140	22	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
1,2-Dichlorobenzene	<14		140	14	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
1,2-Dichloroethane	<20		71	20	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
1,2-Dichloropropane	<14		71	14	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
1,3,5-Trimethylbenzene	**1100**		140	15	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
1,3-Dichlorobenzene	<18		140	18	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
1,3-Dichloropropane	<9.5		71	9.5	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
1,4-Dichlorobenzene	<12		140	12	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
2,2-Dichloropropane	<22		71	22	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
2-Chlorotoluene	<15		71	15	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
4-Chlorotoluene	<14		71	14	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Benzene	**470**		18	5.2	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Bromobenzene	<30		140	30	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Bromochloromethane	<27		140	27	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Bromodichloromethane	<24		140	24	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Bromoform	<31		140	31	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Bromomethane	<48		140	48	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Carbon tetrachloride	<18		71	18	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Chlorobenzene	<10		71	10	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Chloroethane	<31		140	31	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Chloroform	<14		71	14	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Chloromethane	<33		140	33	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
cis-1,2-Dichloroethene	<8.7		71	8.7	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
cis-1,3-Dichloropropene	<13		71	13	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Dibromochloromethane	<24		140	24	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Dibromomethane	<34		140	34	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50

Client Sample ID: GP-2 6-8'
Date Collected: 04/24/13 00:00
Date Received: 04/26/13 10:25

Lab Sample ID: 500-56421-3
Matrix: Solid
Percent Solids: 83.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<36		140	36	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Ethylbenzene	**790**		18	8.9	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Hexachlorobutadiene	<24		140	24	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Isopropyl ether	<10		140	10	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Isopropylbenzene	**680**		140	18	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Methyl tert-butyl ether	<30		140	30	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Methylene Chloride	<48		350	48	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Naphthalene	**1800**		140	35	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
n-Butylbenzene	**1400**		71	9.1	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
N-Propylbenzene	**1200**		140	12	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
p-Isopropyltoluene	**790**		140	13	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
sec-Butylbenzene	**770**		71	11	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Styrene	<7.0		71	7.0	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
tert-Butylbenzene	<9.6		71	9.6	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Tetrachloroethene	<12		71	12	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Toluene	<8.1		18	8.1	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
trans-1,2-Dichloroethene	<18		71	18	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
trans-1,3-Dichloropropene	<15		71	15	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Trichloroethene	<13		35	13	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Trichlorofluoromethane	<29		140	29	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Vinyl chloride	<7.3		18	7.3	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50
Xylenes, Total	**1600**		35	4.8	ug/Kg	☼	04/24/13 00:00	05/01/13 12:14	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 125*	*04/24/13 00:00*	*05/01/13 12:14*	*50*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*	*04/24/13 00:00*	*05/01/13 12:14*	*50*
Dibromofluoromethane	*94*		*75 - 120*	*04/24/13 00:00*	*05/01/13 12:14*	*50*
Toluene-d8 (Surr)	*110*		*75 - 120*	*04/24/13 00:00*	*05/01/13 12:14*	*50*

Method: WI-GRO - Wisconsin - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
WI Gasoline Range Organics (C5-C10)	**250000**		18000	5300	ug/Kg	☼	04/24/13 00:00	05/08/13 04:56	500

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.0		20	7.0	ug/Kg	☼	04/30/13 07:20	05/02/13 23:37	1
PCB-1221	<8.7		20	8.7	ug/Kg	☼	04/30/13 07:20	05/02/13 23:37	1
PCB-1232	<8.6		20	8.6	ug/Kg	☼	04/30/13 07:20	05/02/13 23:37	1
PCB-1242	<6.5		20	6.5	ug/Kg	☼	04/30/13 07:20	05/02/13 23:37	1
PCB-1248	<7.8		20	7.8	ug/Kg	☼	04/30/13 07:20	05/02/13 23:37	1
PCB-1254	<4.3		20	4.3	ug/Kg	☼	04/30/13 07:20	05/02/13 23:37	1
PCB-1260	<9.7		20	9.7	ug/Kg	☼	04/30/13 07:20	05/02/13 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*69*		*50 - 116*	*04/30/13 07:20*	*05/02/13 23:37*	*1*
DCB Decachlorobiphenyl	*75*		*48 - 142*	*04/30/13 07:20*	*05/02/13 23:37*	*1*

Client Sample ID: GP-2 6-8'

Lab Sample ID: 500-56421-3

Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 83.0

Method: WI-DRO - Wisconsin - Diesel Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
WI Diesel Range Organics (C10-C28)	11		4.2	1.7	mg/Kg	☼	04/30/13 08:37	05/01/13 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*85*		*44 - 148*	*04/30/13 08:37*	*05/01/13 01:23*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		1.1	0.24	mg/Kg	☼	04/26/13 16:00	05/02/13 02:49	1
Barium	54		1.1	0.13	mg/Kg	☼	04/26/13 16:00	05/02/13 02:49	1
Cadmium	0.19	J	0.22	0.053	mg/Kg	☼	04/26/13 16:00	05/03/13 13:21	1
Chromium	21		1.1	0.18	mg/Kg	☼	04/26/13 16:00	05/02/13 02:49	1
Lead	10	B	0.54	0.19	mg/Kg	☼	04/26/13 16:00	05/02/13 02:49	1
Selenium	<0.31		1.1	0.31	mg/Kg	☼	04/26/13 16:00	05/02/13 02:49	1
Silver	<0.065		0.54	0.065	mg/Kg	☼	04/26/13 16:00	05/02/13 02:49	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	18		18	8.7	ug/Kg	☼	04/29/13 14:00	04/30/13 10:17	1

Client Sample ID: GP-2 12-14'

Lab Sample ID: 500-56421-4

Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 85.5

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<15		24	15	ug/Kg	☼	04/27/13 16:45	04/29/13 17:38	1
1,3,5-Trimethylbenzene	<15		24	15	ug/Kg	☼	04/27/13 16:45	04/29/13 17:38	1
Benzene	<18		24	18	ug/Kg	☼	04/27/13 16:45	04/29/13 17:38	1
Ethylbenzene	<18		24	18	ug/Kg	☼	04/27/13 16:45	04/29/13 17:38	1
Methyl tert-butyl ether	<12		24	12	ug/Kg	☼	04/27/13 16:45	04/29/13 17:38	1
Naphthalene	<120		240	120	ug/Kg	☼	04/27/13 16:45	04/29/13 17:38	1
Toluene	<17		24	17	ug/Kg	☼	04/27/13 16:45	04/29/13 17:38	1
Xylenes, Total	<29		73	29	ug/Kg	☼	04/27/13 16:45	04/29/13 17:38	1
Wisconsin GRO	<2400		4900	2400	ug/Kg	☼	04/27/13 16:45	04/29/13 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*80 - 120*	*04/27/13 16:45*	*04/29/13 17:38*	*1*
a,a,a-Trifluorotoluene	*94*		*80 - 120*	*04/27/13 16:45*	*04/29/13 17:38*	*1*

Method: WI-DRO - Wisconsin - Diesel Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
WI Diesel Range Organics (C10-C28)	3.3	J	4.1	1.7	mg/Kg	☼	04/30/13 08:37	05/01/13 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*78*		*44 - 148*	*04/30/13 08:37*	*05/01/13 01:59*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.9	B	0.52	0.18	mg/Kg	☼	04/26/13 16:00	05/02/13 02:53	1

Client Sample ID: GP-3 0-4'

Lab Sample ID: 500-56421-5

Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 91.4

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<13		21	13	ug/Kg	☼	04/27/13 16:45	04/29/13 18:06	1
1,3,5-Trimethylbenzene	<13		21	13	ug/Kg	☼	04/27/13 16:45	04/29/13 18:06	1
Benzene	<15		21	15	ug/Kg	☼	04/27/13 16:45	04/29/13 18:06	1
Ethylbenzene	<16		21	16	ug/Kg	☼	04/27/13 16:45	04/29/13 18:06	1
Methyl tert-butyl ether	<10		21	10	ug/Kg	☼	04/27/13 16:45	04/29/13 18:06	1
Naphthalene	<100		210	100	ug/Kg	☼	04/27/13 16:45	04/29/13 18:06	1
Toluene	<14		21	14	ug/Kg	☼	04/27/13 16:45	04/29/13 18:06	1
Xylenes, Total	<25		63	25	ug/Kg	☼	04/27/13 16:45	04/29/13 18:06	1
Wisconsin GRO	<2100		4200	2100	ug/Kg	☼	04/27/13 16:45	04/29/13 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*80 - 120*	*04/27/13 16:45*	*04/29/13 18:06*	*1*
a,a,a-Trifluorotoluene	*94*		*80 - 120*	*04/27/13 16:45*	*04/29/13 18:06*	*1*

Method: WI-DRO - Wisconsin - Diesel Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
WI Diesel Range Organics (C10-C28)	**2.6**	**J**	3.7	1.5	mg/Kg	☼	04/30/13 08:37	05/01/13 02:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*77*		*44 - 148*	*04/30/13 08:37*	*05/01/13 02:34*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**7.3**	**B**	0.53	0.18	mg/Kg	☼	04/26/13 16:00	05/02/13 02:57	1

Client Sample ID: GP-3 8-10'

Lab Sample ID: 500-56421-6

Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 81.2

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<16		26	16	ug/Kg	☼	04/27/13 16:45	04/29/13 18:34	1
1,3,5-Trimethylbenzene	<16		26	16	ug/Kg	☼	04/27/13 16:45	04/29/13 18:34	1
Benzene	<19		26	19	ug/Kg	☼	04/27/13 16:45	04/29/13 18:34	1
Ethylbenzene	<20		26	20	ug/Kg	☼	04/27/13 16:45	04/29/13 18:34	1
Methyl tert-butyl ether	<13		26	13	ug/Kg	☼	04/27/13 16:45	04/29/13 18:34	1
Naphthalene	<130		260	130	ug/Kg	☼	04/27/13 16:45	04/29/13 18:34	1
Toluene	<18		26	18	ug/Kg	☼	04/27/13 16:45	04/29/13 18:34	1
Xylenes, Total	<32		79	32	ug/Kg	☼	04/27/13 16:45	04/29/13 18:34	1
Wisconsin GRO	<2600		5300	2600	ug/Kg	☼	04/27/13 16:45	04/29/13 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*80 - 120*	*04/27/13 16:45*	*04/29/13 18:34*	*1*
a,a,a-Trifluorotoluene	*93*		*80 - 120*	*04/27/13 16:45*	*04/29/13 18:34*	*1*

Method: WI-DRO - Wisconsin - Diesel Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
WI Diesel Range Organics (C10-C28)	**3.3**	**J**	4.3	1.7	mg/Kg	☼	04/30/13 08:37	05/01/13 03:10	1

Client Sample ID: GP-3 8-10'

Lab Sample ID: 500-56421-6
Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 81.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Nonane	*81*		*44 - 148*	*04/30/13 08:37*	*05/01/13 03:10*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**15**	**B**	0.52	0.18	mg/Kg	☼	04/26/13 16:00	05/02/13 03:02	1

Client Sample ID: GP-4 0-2'

Lab Sample ID: 500-56421-7
Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 80.0

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<18		30	18	ug/Kg	☼	04/27/13 16:45	04/29/13 19:02	1
1,3,5-Trimethylbenzene	<18		30	18	ug/Kg	☼	04/27/13 16:45	04/29/13 19:02	1
Benzene	<21		30	21	ug/Kg	☼	04/27/13 16:45	04/29/13 19:02	1
Ethylbenzene	<23		30	23	ug/Kg	☼	04/27/13 16:45	04/29/13 19:02	1
Methyl tert-butyl ether	<14		30	14	ug/Kg	☼	04/27/13 16:45	04/29/13 19:02	1
Naphthalene	<140		300	140	ug/Kg	☼	04/27/13 16:45	04/29/13 19:02	1
Toluene	<20		30	20	ug/Kg	☼	04/27/13 16:45	04/29/13 19:02	1
Xylenes, Total	<36		89	36	ug/Kg	☼	04/27/13 16:45	04/29/13 19:02	1
Wisconsin GRO	<3000		6000	3000	ug/Kg	☼	04/27/13 16:45	04/29/13 19:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	*96*		*80 - 120*	*04/27/13 16:45*	*04/29/13 19:02*	*1*
a,a,a-Trifluorotoluene	*93*		*80 - 120*	*04/27/13 16:45*	*04/29/13 19:02*	*1*

Method: WI-DRO - Wisconsin - Diesel Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
WI Diesel Range Organics (C10-C28)	**2.5**	**J**	4.3	1.7	mg/Kg	☼	04/30/13 08:37	05/01/13 03:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Nonane	*78*		*44 - 148*	*04/30/13 08:37*	*05/01/13 03:45*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**19**	**B**	0.56	0.19	mg/Kg	☼	04/26/13 16:00	05/02/13 03:06	1

Client Sample ID: GP-4 2-4'

Lab Sample ID: 500-56421-8
Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 81.2

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<18		29	18	ug/Kg	☼	04/27/13 16:45	04/29/13 19:30	1
1,3,5-Trimethylbenzene	<18		29	18	ug/Kg	☼	04/27/13 16:45	04/29/13 19:30	1
Benzene	<21		29	21	ug/Kg	☼	04/27/13 16:45	04/29/13 19:30	1
Ethylbenzene	<22		29	22	ug/Kg	☼	04/27/13 16:45	04/29/13 19:30	1
Methyl tert-butyl ether	<14		29	14	ug/Kg	☼	04/27/13 16:45	04/29/13 19:30	1
Naphthalene	<140		290	140	ug/Kg	☼	04/27/13 16:45	04/29/13 19:30	1
Toluene	<20		29	20	ug/Kg	☼	04/27/13 16:45	04/29/13 19:30	1
Xylenes, Total	<35		88	35	ug/Kg	☼	04/27/13 16:45	04/29/13 19:30	1

Client Sample ID: GP-4 2-4'
Date Collected: 04/24/13 00:00
Date Received: 04/26/13 10:25

Lab Sample ID: 500-56421-8
Matrix: Solid
Percent Solids: 81.2

Method: WDNR - Wisconsin - Gasoline Range Organics (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Wisconsin GRO	<2900		5900	2900	ug/Kg	☼	04/27/13 16:45	04/29/13 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*99*		*80 - 120*	*04/27/13 16:45*	*04/29/13 19:30*	*1*
a,a,a-Trifluorotoluene	*95*		*80 - 120*	*04/27/13 16:45*	*04/29/13 19:30*	*1*

Method: WI-DRO - Wisconsin - Diesel Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
WI Diesel Range Organics (C10-C28)	2.1	J	4.3	1.7	mg/Kg	☼	04/30/13 08:37	05/01/13 04:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*81*		*44 - 148*	*04/30/13 08:37*	*05/01/13 04:21*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	11	B	0.61	0.21	mg/Kg	☼	04/26/13 16:00	05/02/13 03:10	1

Client Sample ID: GP-5 2-4'
Date Collected: 04/24/13 00:00
Date Received: 04/26/13 10:25

Lab Sample ID: 500-56421-9
Matrix: Solid
Percent Solids: 77.1

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<19		32	19	ug/Kg	☼	04/27/13 16:45	04/29/13 19:58	1
1,3,5-Trimethylbenzene	<19		32	19	ug/Kg	☼	04/27/13 16:45	04/29/13 19:58	1
Benzene	<23		32	23	ug/Kg	☼	04/27/13 16:45	04/29/13 19:58	1
Ethylbenzene	<25		32	25	ug/Kg	☼	04/27/13 16:45	04/29/13 19:58	1
Methyl tert-butyl ether	<16		32	16	ug/Kg	☼	04/27/13 16:45	04/29/13 19:58	1
Naphthalene	<160		320	160	ug/Kg	☼	04/27/13 16:45	04/29/13 19:58	1
Toluene	<22		32	22	ug/Kg	☼	04/27/13 16:45	04/29/13 19:58	1
Xylenes, Total	<39		97	39	ug/Kg	☼	04/27/13 16:45	04/29/13 19:58	1
Wisconsin GRO	<3200		6500	3200	ug/Kg	☼	04/27/13 16:45	04/29/13 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*80 - 120*	*04/27/13 16:45*	*04/29/13 19:58*	*1*
a,a,a-Trifluorotoluene	*92*		*80 - 120*	*04/27/13 16:45*	*04/29/13 19:58*	*1*

Method: WI-DRO - Wisconsin - Diesel Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
WI Diesel Range Organics (C10-C28)	2.1	J	4.5	1.8	mg/Kg	☼	04/30/13 08:37	05/01/13 05:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*79*		*44 - 148*	*04/30/13 08:37*	*05/01/13 05:31*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	12	B	0.64	0.22	mg/Kg	☼	04/26/13 16:00	05/02/13 03:22	1

Client Sample ID: GP-5 8-10'

Lab Sample ID: 500-56421-10

Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 86.0

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<14		23	14	ug/Kg	☼	04/27/13 16:45	04/29/13 22:18	1
1,3,5-Trimethylbenzene	<14		23	14	ug/Kg	☼	04/27/13 16:45	04/29/13 22:18	1
Benzene	<16		23	16	ug/Kg	☼	04/27/13 16:45	04/29/13 22:18	1
Ethylbenzene	<17		23	17	ug/Kg	☼	04/27/13 16:45	04/29/13 22:18	1
Methyl tert-butyl ether	<11		23	11	ug/Kg	☼	04/27/13 16:45	04/29/13 22:18	1
Naphthalene	<110		230	110	ug/Kg	☼	04/27/13 16:45	04/29/13 22:18	1
Toluene	<15		23	15	ug/Kg	☼	04/27/13 16:45	04/29/13 22:18	1
Xylenes, Total	<27		68	27	ug/Kg	☼	04/27/13 16:45	04/29/13 22:18	1
Wisconsin GRO	<2300		4500	2300	ug/Kg	☼	04/27/13 16:45	04/29/13 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*80 - 120*	*04/27/13 16:45*	*04/29/13 22:18*	*1*
a,a,a-Trifluorotoluene	*95*		*80 - 120*	*04/27/13 16:45*	*04/29/13 22:18*	*1*

Method: WI-DRO - Wisconsin - Diesel Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
WI Diesel Range Organics (C10-C28)	**2.4**	**J**	4.1	1.6	mg/Kg	☼	04/30/13 08:37	05/01/13 06:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*79*		*44 - 148*	*04/30/13 08:37*	*05/01/13 06:07*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**10**	**B**	0.54	0.18	mg/Kg	☼	04/26/13 16:00	05/02/13 03:26	1

Client Sample ID: GP-6 2-4'

Lab Sample ID: 500-56421-11

Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 79.6

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<18		29	18	ug/Kg	☼	04/27/13 16:45	04/29/13 22:46	1
1,3,5-Trimethylbenzene	<18		29	18	ug/Kg	☼	04/27/13 16:45	04/29/13 22:46	1
Benzene	<21		29	21	ug/Kg	☼	04/27/13 16:45	04/29/13 22:46	1
Ethylbenzene	<22		29	22	ug/Kg	☼	04/27/13 16:45	04/29/13 22:46	1
Methyl tert-butyl ether	<14		29	14	ug/Kg	☼	04/27/13 16:45	04/29/13 22:46	1
Naphthalene	<140		290	140	ug/Kg	☼	04/27/13 16:45	04/29/13 22:46	1
Toluene	<20		29	20	ug/Kg	☼	04/27/13 16:45	04/29/13 22:46	1
Xylenes, Total	<35		88	35	ug/Kg	☼	04/27/13 16:45	04/29/13 22:46	1
Wisconsin GRO	<2900		5900	2900	ug/Kg	☼	04/27/13 16:45	04/29/13 22:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*99*		*80 - 120*	*04/27/13 16:45*	*04/29/13 22:46*	*1*
a,a,a-Trifluorotoluene	*96*		*80 - 120*	*04/27/13 16:45*	*04/29/13 22:46*	*1*

Method: WI-DRO - Wisconsin - Diesel Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
WI Diesel Range Organics (C10-C28)	**1.9**	**J**	4.4	1.8	mg/Kg	☼	04/30/13 08:37	05/01/13 06:42	1

Client Sample ID: GP-6 2-4'

Lab Sample ID: 500-56421-11
Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 79.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Nonane	81		44 - 148	04/30/13 08:37	05/01/13 06:42	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	14	B	0.54	0.18	mg/Kg	☼	04/26/13 16:00	05/02/13 03:30	1

Client Sample ID: GP-6 6-8'

Lab Sample ID: 500-56421-12
Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 80.7

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<16		26	16	ug/Kg	☼	04/27/13 16:45	04/29/13 23:14	1
1,3,5-Trimethylbenzene	<16		26	16	ug/Kg	☼	04/27/13 16:45	04/29/13 23:14	1
Benzene	<19		26	19	ug/Kg	☼	04/27/13 16:45	04/29/13 23:14	1
Ethylbenzene	<20		26	20	ug/Kg	☼	04/27/13 16:45	04/29/13 23:14	1
Methyl tert-butyl ether	<13		26	13	ug/Kg	☼	04/27/13 16:45	04/29/13 23:14	1
Naphthalene	<130		260	130	ug/Kg	☼	04/27/13 16:45	04/29/13 23:14	1
Toluene	<18		26	18	ug/Kg	☼	04/27/13 16:45	04/29/13 23:14	1
Xylenes, Total	<32		79	32	ug/Kg	☼	04/27/13 16:45	04/29/13 23:14	1
Wisconsin GRO	<2600		5300	2600	ug/Kg	☼	04/27/13 16:45	04/29/13 23:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	100		80 - 120	04/27/13 16:45	04/29/13 23:14	1
a,a,a-Trifluorotoluene	96		80 - 120	04/27/13 16:45	04/29/13 23:14	1

Method: WI-DRO - Wisconsin - Diesel Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
WI Diesel Range Organics (C10-C28)	<1.7		4.4	1.7	mg/Kg	☼	04/30/13 08:37	05/01/13 07:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Nonane	82		44 - 148	04/30/13 08:37	05/01/13 07:18	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.7	B	0.52	0.18	mg/Kg	☼	04/26/13 16:00	05/02/13 03:34	1

Client Sample ID: GP-7 0-2'

Lab Sample ID: 500-56421-13
Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 75.3

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<21		34	21	ug/Kg	☼	04/27/13 16:45	04/29/13 23:42	1
1,3,5-Trimethylbenzene	<21		34	21	ug/Kg	☼	04/27/13 16:45	04/29/13 23:42	1
Benzene	<25		34	25	ug/Kg	☼	04/27/13 16:45	04/29/13 23:42	1
Ethylbenzene	<26		34	26	ug/Kg	☼	04/27/13 16:45	04/29/13 23:42	1
Methyl tert-butyl ether	<16		34	16	ug/Kg	☼	04/27/13 16:45	04/29/13 23:42	1
Naphthalene	<160		340	160	ug/Kg	☼	04/27/13 16:45	04/29/13 23:42	1
Toluene	<23		34	23	ug/Kg	☼	04/27/13 16:45	04/29/13 23:42	1
Xylenes, Total	<41		100	41	ug/Kg	☼	04/27/13 16:45	04/29/13 23:42	1
Wisconsin GRO	<3400		6900	3400	ug/Kg	☼	04/27/13 16:45	04/29/13 23:42	1

Client Sample ID: GP-7 0-2'

Lab Sample ID: 500-56421-13
Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 75.3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*104*		*80 - 120*	*04/27/13 16:45*	*04/29/13 23:42*	*1*
a,a,a-Trifluorotoluene	*96*		*80 - 120*	*04/27/13 16:45*	*04/29/13 23:42*	*1*

Method: WI-DRO - Wisconsin - Diesel Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
WI Diesel Range Organics (C10-C28)	3.5	J	4.8	1.9	mg/Kg	☼	04/30/13 08:37	05/01/13 07:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*79*		*44 - 148*	*04/30/13 08:37*	*05/01/13 07:53*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	23	B	0.63	0.22	mg/Kg	☼	04/26/13 16:00	05/02/13 03:38	1

Client Sample ID: GP-7 4-6'

Lab Sample ID: 500-56421-14
Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 79.0

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<14		23	14	ug/Kg	☼	04/27/13 16:45	04/30/13 00:10	1
1,3,5-Trimethylbenzene	<14		23	14	ug/Kg	☼	04/27/13 16:45	04/30/13 00:10	1
Benzene	<17		23	17	ug/Kg	☼	04/27/13 16:45	04/30/13 00:10	1
Ethylbenzene	<18		23	18	ug/Kg	☼	04/27/13 16:45	04/30/13 00:10	1
Methyl tert-butyl ether	<11		23	11	ug/Kg	☼	04/27/13 16:45	04/30/13 00:10	1
Naphthalene	<110		230	110	ug/Kg	☼	04/27/13 16:45	04/30/13 00:10	1
Toluene	<16		23	16	ug/Kg	☼	04/27/13 16:45	04/30/13 00:10	1
Xylenes, Total	<28		70	28	ug/Kg	☼	04/27/13 16:45	04/30/13 00:10	1
Wisconsin GRO	<2300		4700	2300	ug/Kg	☼	04/27/13 16:45	04/30/13 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*80 - 120*	*04/27/13 16:45*	*04/30/13 00:10*	*1*
a,a,a-Trifluorotoluene	*95*		*80 - 120*	*04/27/13 16:45*	*04/30/13 00:10*	*1*

Method: WI-DRO - Wisconsin - Diesel Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
WI Diesel Range Organics (C10-C28)	2.0	J	4.5	1.8	mg/Kg	☼	04/30/13 08:37	05/01/13 08:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*77*		*44 - 148*	*04/30/13 08:37*	*05/01/13 08:29*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	9.4	B	0.58	0.20	mg/Kg	☼	04/26/13 16:00	05/02/13 03:42	1

Client Sample ID: MeOH Blank

Lab Sample ID: 500-56421-15

Date Collected: 04/24/13 00:00

Matrix: Solid

Date Received: 04/26/13 10:25

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<15		25	15	ug/Kg		04/27/13 16:45	04/29/13 15:46	1
1,3,5-Trimethylbenzene	<15		25	15	ug/Kg		04/27/13 16:45	04/29/13 15:46	1
Benzene	<18		25	18	ug/Kg		04/27/13 16:45	04/29/13 15:46	1
Ethylbenzene	<19		25	19	ug/Kg		04/27/13 16:45	04/29/13 15:46	1
Methyl tert-butyl ether	<12		25	12	ug/Kg		04/27/13 16:45	04/29/13 15:46	1
Naphthalene	<120		250	120	ug/Kg		04/27/13 16:45	04/29/13 15:46	1
Toluene	<17		25	17	ug/Kg		04/27/13 16:45	04/29/13 15:46	1
Xylenes, Total	<30		75	30	ug/Kg		04/27/13 16:45	04/29/13 15:46	1
Wisconsin GRO	<2500		5000	2500	ug/Kg		04/27/13 16:45	04/29/13 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*80 - 120*	*04/27/13 16:45*	*04/29/13 15:46*	*1*
a,a,a-Trifluorotoluene	*93*		*80 - 120*	*04/27/13 16:45*	*04/29/13 15:46*	*1*

Client Sample ID: GP-3

Lab Sample ID: 500-56421-16

Date Collected: 04/24/13 00:00

Matrix: Water

Date Received: 04/26/13 10:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			05/03/13 02:09	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			05/03/13 02:09	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			05/03/13 02:09	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			05/03/13 02:09	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			05/03/13 02:09	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			05/03/13 02:09	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			05/03/13 02:09	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			05/03/13 02:09	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			05/03/13 02:09	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			05/03/13 02:09	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			05/03/13 02:09	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			05/03/13 02:09	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			05/03/13 02:09	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			05/03/13 02:09	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			05/03/13 02:09	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			05/03/13 02:09	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			05/03/13 02:09	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			05/03/13 02:09	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			05/03/13 02:09	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			05/03/13 02:09	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			05/03/13 02:09	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			05/03/13 02:09	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			05/03/13 02:09	1
Benzene	<0.074		0.50	0.074	ug/L			05/03/13 02:09	1
Bromobenzene	<0.25		1.0	0.25	ug/L			05/03/13 02:09	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			05/03/13 02:09	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			05/03/13 02:09	1
Bromoform	<0.28		1.0	0.28	ug/L			05/03/13 02:09	1
Bromomethane	<0.31		1.0	0.31	ug/L			05/03/13 02:09	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			05/03/13 02:09	1

Client Sample ID: GP-3
Date Collected: 04/24/13 00:00
Date Received: 04/26/13 10:25

Lab Sample ID: 500-56421-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	<0.14		1.0	0.14	ug/L			05/03/13 02:09	1
Chloroethane	<0.34		1.0	0.34	ug/L			05/03/13 02:09	1
Chloroform	<0.20		1.0	0.20	ug/L			05/03/13 02:09	1
Chloromethane	<0.18		1.0	0.18	ug/L			05/03/13 02:09	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			05/03/13 02:09	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			05/03/13 02:09	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			05/03/13 02:09	1
Dibromomethane	<0.33		1.0	0.33	ug/L			05/03/13 02:09	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			05/03/13 02:09	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			05/03/13 02:09	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			05/03/13 02:09	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			05/03/13 02:09	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			05/03/13 02:09	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			05/03/13 02:09	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			05/03/13 02:09	1
Naphthalene	<0.16		1.0	0.16	ug/L			05/03/13 02:09	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			05/03/13 02:09	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			05/03/13 02:09	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			05/03/13 02:09	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			05/03/13 02:09	1
Styrene	<0.10		1.0	0.10	ug/L			05/03/13 02:09	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			05/03/13 02:09	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			05/03/13 02:09	1
Toluene	<0.11		0.50	0.11	ug/L			05/03/13 02:09	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			05/03/13 02:09	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			05/03/13 02:09	1
Trichloroethene	<0.19		0.50	0.19	ug/L			05/03/13 02:09	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			05/03/13 02:09	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			05/03/13 02:09	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			05/03/13 02:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 125*		*05/03/13 02:09*	*1*
4-Bromofluorobenzene (Surr)	*94*		*75 - 120*		*05/03/13 02:09*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*05/03/13 02:09*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*05/03/13 02:09*	*1*

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.36**	**J**	1.0	0.15	ug/L		04/28/13 09:11	04/30/13 20:16	1
Barium	**92**		2.5	0.45	ug/L		04/28/13 09:11	04/30/13 20:16	1
Cadmium	**0.18**	**J**	0.50	0.10	ug/L		04/28/13 09:11	04/30/13 20:16	1
Chromium	**0.76**	**J**	5.0	0.64	ug/L		04/28/13 09:11	04/30/13 20:16	1
Lead	**0.73**		0.50	0.16	ug/L		04/28/13 09:11	04/30/13 20:16	1
Selenium	**0.53**	**J ^**	2.5	0.25	ug/L		04/28/13 09:11	04/30/13 20:16	1
Silver	**0.15**	**J**	0.50	0.069	ug/L		04/28/13 09:11	04/30/13 20:16	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.064		0.20	0.064	ug/L		04/29/13 14:45	04/30/13 11:54	1

Client: TRC Environmental Corporation.
Project/Site: WisDOT Bristol Garage - 202795

TestAmerica Job ID: 500-56421-1

Client Sample ID: GP-4
Date Collected: 04/24/13 00:00
Date Received: 04/26/13 10:25

Lab Sample ID: 500-56421-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			05/03/13 02:31	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			05/03/13 02:31	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			05/03/13 02:31	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			05/03/13 02:31	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			05/03/13 02:31	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			05/03/13 02:31	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			05/03/13 02:31	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			05/03/13 02:31	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			05/03/13 02:31	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			05/03/13 02:31	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			05/03/13 02:31	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			05/03/13 02:31	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			05/03/13 02:31	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			05/03/13 02:31	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			05/03/13 02:31	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			05/03/13 02:31	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			05/03/13 02:31	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			05/03/13 02:31	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			05/03/13 02:31	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			05/03/13 02:31	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			05/03/13 02:31	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			05/03/13 02:31	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			05/03/13 02:31	1
Benzene	**0.44**	**J**	0.50	0.074	ug/L			05/03/13 02:31	1
Bromobenzene	<0.25		1.0	0.25	ug/L			05/03/13 02:31	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			05/03/13 02:31	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			05/03/13 02:31	1
Bromoform	<0.28		1.0	0.28	ug/L			05/03/13 02:31	1
Bromomethane	<0.31		1.0	0.31	ug/L			05/03/13 02:31	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			05/03/13 02:31	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			05/03/13 02:31	1
Chloroethane	<0.34		1.0	0.34	ug/L			05/03/13 02:31	1
Chloroform	<0.20		1.0	0.20	ug/L			05/03/13 02:31	1
Chloromethane	<0.18		1.0	0.18	ug/L			05/03/13 02:31	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			05/03/13 02:31	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			05/03/13 02:31	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			05/03/13 02:31	1
Dibromomethane	<0.33		1.0	0.33	ug/L			05/03/13 02:31	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			05/03/13 02:31	1
Ethylbenzene	**0.31**	**J**	0.50	0.13	ug/L			05/03/13 02:31	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			05/03/13 02:31	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			05/03/13 02:31	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			05/03/13 02:31	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			05/03/13 02:31	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			05/03/13 02:31	1
Naphthalene	<0.16		1.0	0.16	ug/L			05/03/13 02:31	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			05/03/13 02:31	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			05/03/13 02:31	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			05/03/13 02:31	1

Client Sample ID: GP-4

Lab Sample ID: 500-56421-17

Date Collected: 04/24/13 00:00

Matrix: Water

Date Received: 04/26/13 10:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			05/03/13 02:31	1
Styrene	<0.10		1.0	0.10	ug/L			05/03/13 02:31	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			05/03/13 02:31	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			05/03/13 02:31	1
Toluene	<0.11		0.50	0.11	ug/L			05/03/13 02:31	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			05/03/13 02:31	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			05/03/13 02:31	1
Trichloroethene	<0.19		0.50	0.19	ug/L			05/03/13 02:31	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			05/03/13 02:31	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			05/03/13 02:31	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			05/03/13 02:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 125*		*05/03/13 02:31*	*1*
4-Bromofluorobenzene (Surr)	*94*		*75 - 120*		*05/03/13 02:31*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*05/03/13 02:31*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*05/03/13 02:31*	*1*

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.7**		1.0	0.15	ug/L		04/28/13 09:11	04/30/13 20:18	1
Barium	**66**		2.5	0.45	ug/L		04/28/13 09:11	04/30/13 20:18	1
Cadmium	<0.10		0.50	0.10	ug/L		04/28/13 09:11	04/30/13 20:18	1
Chromium	**0.66**	**J**	5.0	0.64	ug/L		04/28/13 09:11	04/30/13 20:18	1
Lead	**0.83**		0.50	0.16	ug/L		04/28/13 09:11	04/30/13 20:18	1
Selenium	<0.25	^	2.5	0.25	ug/L		04/28/13 09:11	04/30/13 20:18	1
Silver	<0.069		0.50	0.069	ug/L		04/28/13 09:11	04/30/13 20:18	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.064		0.20	0.064	ug/L		04/29/13 14:45	04/30/13 11:56	1

Client Sample ID: Trip Blank

Lab Sample ID: 500-56421-18

Date Collected: 04/24/13 00:00

Matrix: Water

Date Received: 04/26/13 10:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			05/03/13 02:54	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			05/03/13 02:54	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			05/03/13 02:54	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			05/03/13 02:54	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			05/03/13 02:54	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			05/03/13 02:54	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			05/03/13 02:54	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			05/03/13 02:54	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			05/03/13 02:54	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			05/03/13 02:54	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			05/03/13 02:54	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			05/03/13 02:54	1

Client: TRC Environmental Corporation.
Project/Site: WisDOT Bristol Garage - 202795

TestAmerica Job ID: 500-56421-1

Client Sample ID: Trip Blank
Date Collected: 04/24/13 00:00
Date Received: 04/26/13 10:25

Lab Sample ID: 500-56421-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			05/03/13 02:54	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			05/03/13 02:54	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			05/03/13 02:54	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			05/03/13 02:54	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			05/03/13 02:54	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			05/03/13 02:54	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			05/03/13 02:54	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			05/03/13 02:54	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			05/03/13 02:54	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			05/03/13 02:54	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			05/03/13 02:54	1
Benzene	<0.074		0.50	0.074	ug/L			05/03/13 02:54	1
Bromobenzene	<0.25		1.0	0.25	ug/L			05/03/13 02:54	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			05/03/13 02:54	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			05/03/13 02:54	1
Bromoform	<0.28		1.0	0.28	ug/L			05/03/13 02:54	1
Bromomethane	<0.31		1.0	0.31	ug/L			05/03/13 02:54	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			05/03/13 02:54	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			05/03/13 02:54	1
Chloroethane	<0.34		1.0	0.34	ug/L			05/03/13 02:54	1
Chloroform	<0.20		1.0	0.20	ug/L			05/03/13 02:54	1
Chloromethane	<0.18		1.0	0.18	ug/L			05/03/13 02:54	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			05/03/13 02:54	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			05/03/13 02:54	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			05/03/13 02:54	1
Dibromomethane	<0.33		1.0	0.33	ug/L			05/03/13 02:54	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			05/03/13 02:54	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			05/03/13 02:54	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			05/03/13 02:54	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			05/03/13 02:54	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			05/03/13 02:54	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			05/03/13 02:54	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			05/03/13 02:54	1
Naphthalene	<0.16		1.0	0.16	ug/L			05/03/13 02:54	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			05/03/13 02:54	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			05/03/13 02:54	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			05/03/13 02:54	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			05/03/13 02:54	1
Styrene	<0.10		1.0	0.10	ug/L			05/03/13 02:54	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			05/03/13 02:54	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			05/03/13 02:54	1
Toluene	<0.11		0.50	0.11	ug/L			05/03/13 02:54	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			05/03/13 02:54	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			05/03/13 02:54	1
Trichloroethene	<0.19		0.50	0.19	ug/L			05/03/13 02:54	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			05/03/13 02:54	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			05/03/13 02:54	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			05/03/13 02:54	1

Client: TRC Environmental Corporation.
Project/Site: WisDOT Bristol Garage - 202795

TestAmerica Job ID: 500-56421-1

Client Sample ID: Trip Blank
Date Collected: 04/24/13 00:00
Date Received: 04/26/13 10:25

Lab Sample ID: 500-56421-18
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 125		05/03/13 02:54	1
4-Bromofluorobenzene (Surr)	92		75 - 120		05/03/13 02:54	1
Dibromofluoromethane	96		75 - 120		05/03/13 02:54	1
Toluene-d8 (Surr)	97		75 - 120		05/03/13 02:54	1

Qualifiers

GC/MS VOA

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

GC Semi VOA

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

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.

Glossary

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

GC/MS VOA

Prep Batch: 184416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56421-3	GP-2 6-8'	Total/NA	Solid	5035	
LB3 500-184416/20-A LB3	Method Blank	Total/NA	Solid	5035	
LCS 500-184416/21-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 184694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56421-3	GP-2 6-8'	Total/NA	Solid	8260B	184416
LB3 500-184416/20-A LB3	Method Blank	Total/NA	Solid	8260B	184416
LCS 500-184416/21-A	Lab Control Sample	Total/NA	Solid	8260B	184416
LCS 500-184694/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 500-184694/7	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 184980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56421-16	GP-3	Total/NA	Water	8260B	
500-56421-17	GP-4	Total/NA	Water	8260B	
500-56421-18	Trip Blank	Total/NA	Water	8260B	
LCS 500-184980/4	Lab Control Sample	Total/NA	Water	8260B	
MB 500-184980/6	Method Blank	Total/NA	Water	8260B	

GC VOA

Prep Batch: 75593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56421-1	GP-1 4-6'	Total/NA	Solid	5035	
500-56421-2	GP-1 6-8'	Total/NA	Solid	5035	
500-56421-4	GP-2 12-14'	Total/NA	Solid	5035	
500-56421-5	GP-3 0-4'	Total/NA	Solid	5035	
500-56421-6	GP-3 8-10'	Total/NA	Solid	5035	
500-56421-7	GP-4 0-2'	Total/NA	Solid	5035	
500-56421-8	GP-4 2-4'	Total/NA	Solid	5035	
500-56421-9	GP-5 2-4'	Total/NA	Solid	5035	
500-56421-10	GP-5 8-10'	Total/NA	Solid	5035	
500-56421-11	GP-6 2-4'	Total/NA	Solid	5035	
500-56421-12	GP-6 6-8'	Total/NA	Solid	5035	
500-56421-13	GP-7 0-2'	Total/NA	Solid	5035	
500-56421-14	GP-7 4-6'	Total/NA	Solid	5035	
500-56421-15	MeOH Blank	Total/NA	Solid	5035	

Analysis Batch: 75793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56421-1	GP-1 4-6'	Total/NA	Solid	WDNR	75593
500-56421-2	GP-1 6-8'	Total/NA	Solid	WDNR	75593
500-56421-4	GP-2 12-14'	Total/NA	Solid	WDNR	75593
500-56421-5	GP-3 0-4'	Total/NA	Solid	WDNR	75593
500-56421-6	GP-3 8-10'	Total/NA	Solid	WDNR	75593
500-56421-7	GP-4 0-2'	Total/NA	Solid	WDNR	75593
500-56421-8	GP-4 2-4'	Total/NA	Solid	WDNR	75593
500-56421-9	GP-5 2-4'	Total/NA	Solid	WDNR	75593
500-56421-10	GP-5 8-10'	Total/NA	Solid	WDNR	75593

GC VOA (Continued)

Analysis Batch: 75793 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56421-11	GP-6 2-4'	Total/NA	Solid	WDNR	75593
500-56421-12	GP-6 6-8'	Total/NA	Solid	WDNR	75593
500-56421-13	GP-7 0-2'	Total/NA	Solid	WDNR	75593
500-56421-14	GP-7 4-6'	Total/NA	Solid	WDNR	75593
500-56421-15	MeOH Blank	Total/NA	Solid	WDNR	75593
LCS 490-75793/17	Lab Control Sample	Total/NA	Solid	WDNR	
LCSD 490-75793/45	Lab Control Sample Dup	Total/NA	Solid	WDNR	
MB 490-75793/20	Method Blank	Total/NA	Solid	WDNR	
MB 490-75793/34	Method Blank	Total/NA	Solid	WDNR	

Prep Batch: 184416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56421-3	GP-2 6-8'	Total/NA	Solid	5035	
LB3 500-184416/20-A LB3	Method Blank	Total/NA	Solid	5035	
LCS 500-184416/22-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 185501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56421-3	GP-2 6-8'	Total/NA	Solid	WI-GRO	184416
LB3 500-184416/20-A LB3	Method Blank	Total/NA	Solid	WI-GRO	184416
LCS 500-184416/22-A	Lab Control Sample	Total/NA	Solid	WI-GRO	184416
LCS 500-185501/3	Lab Control Sample	Total/NA	Solid	WI-GRO	
LCSD 500-185501/8	Lab Control Sample Dup	Total/NA	Solid	WI-GRO	
MB 500-185501/2	Method Blank	Total/NA	Solid	WI-GRO	

GC Semi VOA

Prep Batch: 184568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56421-3	GP-2 6-8'	Total/NA	Solid	3541	
LCS 500-184568/3-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-184568/1-A	Method Blank	Total/NA	Solid	3541	

Prep Batch: 184605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56421-1	GP-1 4-6'	Total/NA	Solid	WI DRO PREP	
500-56421-2	GP-1 6-8'	Total/NA	Solid	WI DRO PREP	
500-56421-3	GP-2 6-8'	Total/NA	Solid	WI DRO PREP	
500-56421-4	GP-2 12-14'	Total/NA	Solid	WI DRO PREP	
500-56421-5	GP-3 0-4'	Total/NA	Solid	WI DRO PREP	
500-56421-6	GP-3 8-10'	Total/NA	Solid	WI DRO PREP	
500-56421-7	GP-4 0-2'	Total/NA	Solid	WI DRO PREP	
500-56421-8	GP-4 2-4'	Total/NA	Solid	WI DRO PREP	
500-56421-9	GP-5 2-4'	Total/NA	Solid	WI DRO PREP	
500-56421-10	GP-5 8-10'	Total/NA	Solid	WI DRO PREP	
500-56421-11	GP-6 2-4'	Total/NA	Solid	WI DRO PREP	
500-56421-12	GP-6 6-8'	Total/NA	Solid	WI DRO PREP	
500-56421-13	GP-7 0-2'	Total/NA	Solid	WI DRO PREP	
500-56421-14	GP-7 4-6'	Total/NA	Solid	WI DRO PREP	
LCS 500-184605/2-A	Lab Control Sample	Total/NA	Solid	WI DRO PREP	

GC Semi VOA (Continued)

Prep Batch: 184605 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 500-184605/3-A	Lab Control Sample Dup	Total/NA	Solid	WI DRO PREP	
MB 500-184605/1-A	Method Blank	Total/NA	Solid	WI DRO PREP	

Analysis Batch: 184611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56421-1	GP-1 4-6'	Total/NA	Solid	WI-DRO	184605
500-56421-2	GP-1 6-8'	Total/NA	Solid	WI-DRO	184605
500-56421-3	GP-2 6-8'	Total/NA	Solid	WI-DRO	184605
500-56421-4	GP-2 12-14'	Total/NA	Solid	WI-DRO	184605
500-56421-5	GP-3 0-4'	Total/NA	Solid	WI-DRO	184605
500-56421-6	GP-3 8-10'	Total/NA	Solid	WI-DRO	184605
500-56421-7	GP-4 0-2'	Total/NA	Solid	WI-DRO	184605
500-56421-8	GP-4 2-4'	Total/NA	Solid	WI-DRO	184605
500-56421-9	GP-5 2-4'	Total/NA	Solid	WI-DRO	184605
500-56421-10	GP-5 8-10'	Total/NA	Solid	WI-DRO	184605
500-56421-11	GP-6 2-4'	Total/NA	Solid	WI-DRO	184605
500-56421-12	GP-6 6-8'	Total/NA	Solid	WI-DRO	184605
500-56421-13	GP-7 0-2'	Total/NA	Solid	WI-DRO	184605
500-56421-14	GP-7 4-6'	Total/NA	Solid	WI-DRO	184605
LCS 500-184605/2-A	Lab Control Sample	Total/NA	Solid	WI-DRO	184605
LCSD 500-184605/3-A	Lab Control Sample Dup	Total/NA	Solid	WI-DRO	184605
MB 500-184605/1-A	Method Blank	Total/NA	Solid	WI-DRO	184605

Analysis Batch: 185041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56421-3	GP-2 6-8'	Total/NA	Solid	8082	184568
LCS 500-184568/3-A	Lab Control Sample	Total/NA	Solid	8082	184568
MB 500-184568/1-A	Method Blank	Total/NA	Solid	8082	184568

Metals

Prep Batch: 184352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56421-1	GP-1 4-6'	Total/NA	Solid	3050B	
500-56421-1 DU	GP-1 4-6'	Total/NA	Solid	3050B	
500-56421-1 MS	GP-1 4-6'	Total/NA	Solid	3050B	
500-56421-1 MSD	GP-1 4-6'	Total/NA	Solid	3050B	
500-56421-2	GP-1 6-8'	Total/NA	Solid	3050B	
500-56421-3	GP-2 6-8'	Total/NA	Solid	3050B	
500-56421-4	GP-2 12-14'	Total/NA	Solid	3050B	
500-56421-5	GP-3 0-4'	Total/NA	Solid	3050B	
500-56421-6	GP-3 8-10'	Total/NA	Solid	3050B	
500-56421-7	GP-4 0-2'	Total/NA	Solid	3050B	
500-56421-8	GP-4 2-4'	Total/NA	Solid	3050B	
500-56421-9	GP-5 2-4'	Total/NA	Solid	3050B	
500-56421-10	GP-5 8-10'	Total/NA	Solid	3050B	
500-56421-11	GP-6 2-4'	Total/NA	Solid	3050B	
500-56421-12	GP-6 6-8'	Total/NA	Solid	3050B	
500-56421-13	GP-7 0-2'	Total/NA	Solid	3050B	
500-56421-14	GP-7 4-6'	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 184352 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-184352/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 500-184352/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 184419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56421-16	GP-3	Dissolved	Water	3005A	
500-56421-17	GP-4	Dissolved	Water	3005A	
LCS 500-184419/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 500-184419/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 184471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56421-3	GP-2 6-8'	Total/NA	Solid	7471A	
LCS 500-184471/8-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 500-184471/7-A	Method Blank	Total/NA	Solid	7471A	

Prep Batch: 184500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56421-16	GP-3	Dissolved	Water	7470A	
500-56421-17	GP-4	Dissolved	Water	7470A	
LCS 500-184500/8-A	Lab Control Sample	Total/NA	Water	7470A	
MB 500-184500/7-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 184644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56421-16	GP-3	Dissolved	Water	7470A	184500
500-56421-17	GP-4	Dissolved	Water	7470A	184500
LCS 500-184500/8-A	Lab Control Sample	Total/NA	Water	7470A	184500
MB 500-184500/7-A	Method Blank	Total/NA	Water	7470A	184500

Analysis Batch: 184648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56421-3	GP-2 6-8'	Total/NA	Solid	7471A	184471
LCS 500-184471/8-A	Lab Control Sample	Total/NA	Solid	7471A	184471
MB 500-184471/7-A	Method Blank	Total/NA	Solid	7471A	184471

Analysis Batch: 184778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56421-16	GP-3	Dissolved	Water	6020	184419
500-56421-17	GP-4	Dissolved	Water	6020	184419
LCS 500-184419/2-A	Lab Control Sample	Total Recoverable	Water	6020	184419
MB 500-184419/1-A	Method Blank	Total Recoverable	Water	6020	184419

Analysis Batch: 184915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56421-1	GP-1 4-6'	Total/NA	Solid	6010B	184352
500-56421-1 DU	GP-1 4-6'	Total/NA	Solid	6010B	184352
500-56421-1 MS	GP-1 4-6'	Total/NA	Solid	6010B	184352
500-56421-1 MSD	GP-1 4-6'	Total/NA	Solid	6010B	184352
500-56421-2	GP-1 6-8'	Total/NA	Solid	6010B	184352
500-56421-3	GP-2 6-8'	Total/NA	Solid	6010B	184352

Metals (Continued)

Analysis Batch: 184915 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56421-4	GP-2 12-14'	Total/NA	Solid	6010B	184352
500-56421-5	GP-3 0-4'	Total/NA	Solid	6010B	184352
500-56421-6	GP-3 8-10'	Total/NA	Solid	6010B	184352
500-56421-7	GP-4 0-2'	Total/NA	Solid	6010B	184352
500-56421-8	GP-4 2-4'	Total/NA	Solid	6010B	184352
500-56421-9	GP-5 2-4'	Total/NA	Solid	6010B	184352
500-56421-10	GP-5 8-10'	Total/NA	Solid	6010B	184352
500-56421-11	GP-6 2-4'	Total/NA	Solid	6010B	184352
500-56421-12	GP-6 6-8'	Total/NA	Solid	6010B	184352
500-56421-13	GP-7 0-2'	Total/NA	Solid	6010B	184352
500-56421-14	GP-7 4-6'	Total/NA	Solid	6010B	184352
LCS 500-184352/2-A	Lab Control Sample	Total/NA	Solid	6010B	184352
MB 500-184352/1-A	Method Blank	Total/NA	Solid	6010B	184352

Analysis Batch: 185154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56421-3	GP-2 6-8'	Total/NA	Solid	6010B	184352
LCS 500-184352/2-A	Lab Control Sample	Total/NA	Solid	6010B	184352
MB 500-184352/1-A	Method Blank	Total/NA	Solid	6010B	184352

General Chemistry

Analysis Batch: 184327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56421-1	GP-1 4-6'	Total/NA	Solid	Moisture	
500-56421-1 DU	GP-1 4-6'	Total/NA	Solid	Moisture	
500-56421-2	GP-1 6-8'	Total/NA	Solid	Moisture	
500-56421-3	GP-2 6-8'	Total/NA	Solid	Moisture	
500-56421-4	GP-2 12-14'	Total/NA	Solid	Moisture	
500-56421-5	GP-3 0-4'	Total/NA	Solid	Moisture	
500-56421-6	GP-3 8-10'	Total/NA	Solid	Moisture	
500-56421-7	GP-4 0-2'	Total/NA	Solid	Moisture	
500-56421-8	GP-4 2-4'	Total/NA	Solid	Moisture	
500-56421-9	GP-5 2-4'	Total/NA	Solid	Moisture	
500-56421-10	GP-5 8-10'	Total/NA	Solid	Moisture	
500-56421-11	GP-6 2-4'	Total/NA	Solid	Moisture	
500-56421-12	GP-6 6-8'	Total/NA	Solid	Moisture	
500-56421-13	GP-7 0-2'	Total/NA	Solid	Moisture	
500-56421-14	GP-7 4-6'	Total/NA	Solid	Moisture	

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-125)	(75-120)	(75-120)	(75-120)
500-56421-3	GP-2 6-8'	92	99	94	110
LB3 500-184416/20-A LB3	Method Blank	88	86	87	102
LCS 500-184416/21-A	Lab Control Sample	98	95	101	109
LCS 500-184694/4	Lab Control Sample	93	91	97	105
MB 500-184694/7	Method Blank	95	92	98	108

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-125)	(75-120)	(75-120)	(75-120)
500-56421-16	GP-3	103	94	94	98
500-56421-17	GP-4	107	94	94	102
500-56421-18	Trip Blank	102	92	96	97
LCS 500-184980/4	Lab Control Sample	105	96	100	97
MB 500-184980/6	Method Blank	104	97	97	100

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Surr)

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TFT	TFT
Lab Sample ID	Client Sample ID	(80-120)	(80-120)
500-56421-1	GP-1 4-6'	95	95
500-56421-2	GP-1 6-8'	95	95
500-56421-4	GP-2 12-14'	93	93
500-56421-5	GP-3 0-4'	97	97
500-56421-6	GP-3 8-10'	93	93
500-56421-7	GP-4 0-2'	96	96
500-56421-8	GP-4 2-4'	99	99
500-56421-9	GP-5 2-4'	95	95
500-56421-10	GP-5 8-10'	96	96
500-56421-11	GP-6 2-4'	99	99
500-56421-12	GP-6 6-8'	100	100
500-56421-13	GP-7 0-2'	104	104
500-56421-14	GP-7 4-6'	97	97
500-56421-15	MeOH Blank	95	95

Method: WDNR - Wisconsin - Gasoline Range Organics (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	TFT (80-120)	TFT (80-120)								
LCS 490-75793/17	Lab Control Sample	105	105								
LCSD 490-75793/45	Lab Control Sample Dup	110	110								
MB 490-75793/20	Method Blank	97	97								
MB 490-75793/34	Method Blank	98	98								

Surrogate Legend

TFT = a,a,a-Trifluorotoluene

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	TCX2 (50-116)	DCB2 (48-142)								
500-56421-3	GP-2 6-8'	69	75								
LCS 500-184568/3-A	Lab Control Sample	56	75								
MB 500-184568/1-A	Method Blank	63	73								

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Method: WI-DRO - Wisconsin - Diesel Range Organics (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	C9 (44-148)									
500-56421-1	GP-1 4-6'	77									
500-56421-2	GP-1 6-8'	80									
500-56421-3	GP-2 6-8'	85									
500-56421-4	GP-2 12-14'	78									
500-56421-5	GP-3 0-4'	77									
500-56421-6	GP-3 8-10'	81									
500-56421-7	GP-4 0-2'	78									
500-56421-8	GP-4 2-4'	81									
500-56421-9	GP-5 2-4'	79									
500-56421-10	GP-5 8-10'	79									
500-56421-11	GP-6 2-4'	81									
500-56421-12	GP-6 6-8'	82									
500-56421-13	GP-7 0-2'	79									
500-56421-14	GP-7 4-6'	77									
LCS 500-184605/2-A	Lab Control Sample	81									
LCSD 500-184605/3-A	Lab Control Sample Dup	83									
MB 500-184605/1-A	Method Blank	81									

Surrogate Legend

C9 = n-Nonane

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LB3 500-184416/20-A LB3
Matrix: Solid
Analysis Batch: 184694

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 184416

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<17		100	17	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
1,1,1-Trichloroethane	<10		50	10	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
1,1,2,2-Tetrachloroethane	<12		50	12	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
1,1,2-Trichloroethane	<14		50	14	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
1,1-Dichloroethane	<9.3		50	9.3	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
1,1-Dichloroethene	<15		50	15	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
1,1-Dichloropropene	<17		50	17	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
1,2,3-Trichlorobenzene	<18		100	18	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
1,2,3-Trichloropropane	<29		100	29	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
1,2,4-Trichlorobenzene	<19		100	19	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
1,2,4-Trimethylbenzene	<11		100	11	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
1,2-Dibromo-3-Chloropropane	<44		100	44	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
1,2-Dibromoethane	<16		100	16	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
1,2-Dichlorobenzene	<10		100	10	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
1,2-Dichloroethane	<14		50	14	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
1,2-Dichloropropane	<9.8		50	9.8	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
1,3,5-Trimethylbenzene	<10		100	10	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
1,3-Dichlorobenzene	<13		100	13	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
1,3-Dichloropropane	<6.7		50	6.7	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
1,4-Dichlorobenzene	<8.7		100	8.7	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
2,2-Dichloropropane	<16		50	16	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
2-Chlorotoluene	<10		50	10	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
4-Chlorotoluene	<9.9		50	9.9	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Benzene	<3.7		13	3.7	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Bromobenzene	<21		100	21	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Bromochloromethane	<19		100	19	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Bromodichloromethane	<17		100	17	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Bromoform	<22		100	22	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Bromomethane	<34		100	34	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Carbon tetrachloride	<13		50	13	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Chlorobenzene	<7.2		50	7.2	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Chloroethane	<22		100	22	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Chloroform	<10		50	10	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Chloromethane	<23		100	23	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
cis-1,2-Dichloroethene	<6.2		50	6.2	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
cis-1,3-Dichloropropene	<8.9		50	8.9	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Dibromochloromethane	<17		100	17	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Dibromomethane	<24		100	24	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Dichlorodifluoromethane	<26		100	26	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Ethylbenzene	<6.3		13	6.3	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Hexachlorobutadiene	<17		100	17	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Isopropyl ether	<7.4		100	7.4	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Isopropylbenzene	<13		100	13	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Methyl tert-butyl ether	<22		100	22	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Methylene Chloride	<34		250	34	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Naphthalene	<25		100	25	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
n-Butylbenzene	<6.5		50	6.5	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
N-Propylbenzene	<8.8		100	8.8	ug/Kg		04/25/13 00:00	05/01/13 04:00	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB3 500-184416/20-A LB3
Matrix: Solid
Analysis Batch: 184694

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 184416

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<9.3		100	9.3	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
sec-Butylbenzene	<7.7		50	7.7	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Styrene	<4.9		50	4.9	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
tert-Butylbenzene	<6.8		50	6.8	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Tetrachloroethene	<8.4		50	8.4	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Toluene	<5.8		13	5.8	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
trans-1,2-Dichloroethene	<13		50	13	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
trans-1,3-Dichloropropene	<10		50	10	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Trichloroethene	<9.3		25	9.3	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Trichlorofluoromethane	<21		100	21	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Vinyl chloride	<5.2		13	5.2	ug/Kg		04/25/13 00:00	05/01/13 04:00	50
Xylenes, Total	<3.4		25	3.4	ug/Kg		04/25/13 00:00	05/01/13 04:00	50

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*75 - 125*	*04/25/13 00:00*	*05/01/13 04:00*	*50*
4-Bromofluorobenzene (Surr)	*86*		*75 - 120*	*04/25/13 00:00*	*05/01/13 04:00*	*50*
Dibromofluoromethane	*87*		*75 - 120*	*04/25/13 00:00*	*05/01/13 04:00*	*50*
Toluene-d8 (Surr)	*102*		*75 - 120*	*04/25/13 00:00*	*05/01/13 04:00*	*50*

Lab Sample ID: LCS 500-184416/21-A
Matrix: Solid
Analysis Batch: 184694

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 184416

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	2500	2450		ug/Kg		98	75 - 120
1,1,1-Trichloroethane	2500	2750		ug/Kg		110	70 - 123
1,1,2,2-Tetrachloroethane	2500	2650		ug/Kg		106	70 - 128
1,1,2-Trichloroethane	2500	2980		ug/Kg		119	69 - 120
1,1-Dichloroethane	2500	2560		ug/Kg		102	68 - 121
1,1-Dichloroethene	2500	2330		ug/Kg		93	58 - 122
1,1-Dichloropropene	2500	2430		ug/Kg		97	70 - 120
1,2,3-Trichlorobenzene	2500	2240		ug/Kg		90	56 - 137
1,2,3-Trichloropropane	2500	2530		ug/Kg		101	70 - 120
1,2,4-Trichlorobenzene	2500	2170		ug/Kg		87	65 - 121
1,2,4-Trimethylbenzene	2500	2500		ug/Kg		100	75 - 121
1,2-Dibromo-3-Chloropropane	2500	1920		ug/Kg		77	60 - 121
1,2-Dibromoethane	2500	2790		ug/Kg		112	70 - 120
1,2-Dichlorobenzene	2500	2500		ug/Kg		100	75 - 120
1,2-Dichloroethane	2500	2450		ug/Kg		98	69 - 120
1,2-Dichloropropane	2500	2610		ug/Kg		105	70 - 120
1,3,5-Trimethylbenzene	2500	2650		ug/Kg		106	75 - 123
1,3-Dichlorobenzene	2500	2490		ug/Kg		100	70 - 120
1,3-Dichloropropane	2500	2570		ug/Kg		103	70 - 120
1,4-Dichlorobenzene	2500	2570		ug/Kg		103	75 - 120
2,2-Dichloropropane	2500	2490		ug/Kg		100	67 - 125
2-Chlorotoluene	2500	2530		ug/Kg		101	70 - 120
4-Chlorotoluene	2500	2420		ug/Kg		97	70 - 120
Benzene	2500	2500		ug/Kg		100	70 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-184416/21-A
Matrix: Solid
Analysis Batch: 184694

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 184416

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	2500	2730		ug/Kg		109	70 - 120
Bromochloromethane	2500	2970		ug/Kg		119	67 - 122
Bromodichloromethane	2500	2450		ug/Kg		98	70 - 120
Bromoform	2500	2280		ug/Kg		91	70 - 125
Bromomethane	2500	2830		ug/Kg		113	50 - 150
Carbon tetrachloride	2500	2510		ug/Kg		101	70 - 125
Chlorobenzene	2500	2530		ug/Kg		101	70 - 120
Chloroethane	2500	2120		ug/Kg		85	50 - 150
Chloroform	2500	2630		ug/Kg		105	70 - 120
Chloromethane	2500	1710		ug/Kg		69	50 - 134
cis-1,2-Dichloroethene	2500	2750		ug/Kg		110	70 - 120
cis-1,3-Dichloropropene	2690	2780		ug/Kg		104	70 - 120
Dibromochloromethane	2500	2580		ug/Kg		103	70 - 120
Dibromomethane	2500	2600		ug/Kg		104	70 - 120
Dichlorodifluoromethane	2500	1170		ug/Kg		47	40 - 140
Ethylbenzene	2500	2520		ug/Kg		101	75 - 120
Hexachlorobutadiene	2500	2160		ug/Kg		86	65 - 135
Isopropylbenzene	2500	2480		ug/Kg		99	70 - 120
Methyl tert-butyl ether	2500	2640		ug/Kg		105	58 - 122
Methylene Chloride	2500	2630		ug/Kg		105	65 - 125
Naphthalene	2500	2360		ug/Kg		94	55 - 132
n-Butylbenzene	2500	2480		ug/Kg		99	75 - 120
N-Propylbenzene	2500	2440		ug/Kg		98	70 - 120
p-Isopropyltoluene	2500	2460		ug/Kg		98	70 - 120
sec-Butylbenzene	2500	2410		ug/Kg		97	70 - 120
Styrene	2500	2500		ug/Kg		100	75 - 120
tert-Butylbenzene	2500	2580		ug/Kg		103	70 - 120
Tetrachloroethene	2500	2760		ug/Kg		110	70 - 123
Toluene	2500	2740		ug/Kg		110	70 - 120
trans-1,2-Dichloroethene	2500	2680		ug/Kg		107	70 - 124
trans-1,3-Dichloropropene	2430	2540		ug/Kg		105	70 - 120
Trichloroethene	2500	2890		ug/Kg		116	70 - 120
Trichlorofluoromethane	2500	2370		ug/Kg		95	63 - 134
Vinyl chloride	2500	2120		ug/Kg		85	62 - 138
Xylenes, Total	7500	7190		ug/Kg		96	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 125*
4-Bromofluorobenzene (Surr)	*95*		*75 - 120*
Dibromofluoromethane	*101*		*75 - 120*
Toluene-d8 (Surr)	*109*		*75 - 120*

Lab Sample ID: MB 500-184694/7
Matrix: Solid
Analysis Batch: 184694

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.35		2.0	0.35	ug/Kg			05/01/13 03:34	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-184694/7
Matrix: Solid
Analysis Batch: 184694

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/Kg			05/01/13 03:34	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/Kg			05/01/13 03:34	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/Kg			05/01/13 03:34	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/Kg			05/01/13 03:34	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/Kg			05/01/13 03:34	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/Kg			05/01/13 03:34	1
1,2,3-Trichlorobenzene	<0.35		2.0	0.35	ug/Kg			05/01/13 03:34	1
1,2,3-Trichloropropane	<0.57		2.0	0.57	ug/Kg			05/01/13 03:34	1
1,2,4-Trichlorobenzene	<0.38		2.0	0.38	ug/Kg			05/01/13 03:34	1
1,2,4-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			05/01/13 03:34	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/Kg			05/01/13 03:34	1
1,2-Dibromoethane	<0.31		2.0	0.31	ug/Kg			05/01/13 03:34	1
1,2-Dichlorobenzene	<0.21		2.0	0.21	ug/Kg			05/01/13 03:34	1
1,2-Dichloroethane	<0.29		1.0	0.29	ug/Kg			05/01/13 03:34	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/Kg			05/01/13 03:34	1
1,3,5-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			05/01/13 03:34	1
1,3-Dichlorobenzene	<0.26		2.0	0.26	ug/Kg			05/01/13 03:34	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/Kg			05/01/13 03:34	1
1,4-Dichlorobenzene	<0.17		2.0	0.17	ug/Kg			05/01/13 03:34	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/Kg			05/01/13 03:34	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/Kg			05/01/13 03:34	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/Kg			05/01/13 03:34	1
Benzene	<0.074		0.25	0.074	ug/Kg			05/01/13 03:34	1
Bromobenzene	<0.43		2.0	0.43	ug/Kg			05/01/13 03:34	1
Bromochloromethane	<0.38		2.0	0.38	ug/Kg			05/01/13 03:34	1
Bromodichloromethane	<0.34		2.0	0.34	ug/Kg			05/01/13 03:34	1
Bromoform	<0.44		2.0	0.44	ug/Kg			05/01/13 03:34	1
Bromomethane	<0.68		2.0	0.68	ug/Kg			05/01/13 03:34	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/Kg			05/01/13 03:34	1
Chlorobenzene	<0.14		1.0	0.14	ug/Kg			05/01/13 03:34	1
Chloroethane	<0.44		2.0	0.44	ug/Kg			05/01/13 03:34	1
Chloroform	<0.21		1.0	0.21	ug/Kg			05/01/13 03:34	1
Chloromethane	<0.46		2.0	0.46	ug/Kg			05/01/13 03:34	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/Kg			05/01/13 03:34	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/Kg			05/01/13 03:34	1
Dibromochloromethane	<0.35		2.0	0.35	ug/Kg			05/01/13 03:34	1
Dibromomethane	<0.48		2.0	0.48	ug/Kg			05/01/13 03:34	1
Dichlorodifluoromethane	<0.51		2.0	0.51	ug/Kg			05/01/13 03:34	1
Ethylbenzene	<0.13		0.25	0.13	ug/Kg			05/01/13 03:34	1
Hexachlorobutadiene	<0.35		2.0	0.35	ug/Kg			05/01/13 03:34	1
Isopropyl ether	<0.15		2.0	0.15	ug/Kg			05/01/13 03:34	1
Isopropylbenzene	<0.25		2.0	0.25	ug/Kg			05/01/13 03:34	1
Methyl tert-butyl ether	<0.43		2.0	0.43	ug/Kg			05/01/13 03:34	1
Methylene Chloride	<0.68		5.0	0.68	ug/Kg			05/01/13 03:34	1
Naphthalene	<0.49		2.0	0.49	ug/Kg			05/01/13 03:34	1
n-Butylbenzene	<0.13		1.0	0.13	ug/Kg			05/01/13 03:34	1
N-Propylbenzene	<0.18		2.0	0.18	ug/Kg			05/01/13 03:34	1
p-Isopropyltoluene	<0.19		2.0	0.19	ug/Kg			05/01/13 03:34	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-184694/7
Matrix: Solid
Analysis Batch: 184694

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/Kg			05/01/13 03:34	1
Styrene	<0.099		1.0	0.099	ug/Kg			05/01/13 03:34	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/Kg			05/01/13 03:34	1
Tetrachloroethene	<0.17		1.0	0.17	ug/Kg			05/01/13 03:34	1
Toluene	<0.12		0.25	0.12	ug/Kg			05/01/13 03:34	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/Kg			05/01/13 03:34	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/Kg			05/01/13 03:34	1
Trichloroethene	<0.19		0.50	0.19	ug/Kg			05/01/13 03:34	1
Trichlorofluoromethane	<0.42		2.0	0.42	ug/Kg			05/01/13 03:34	1
Vinyl chloride	<0.10		0.25	0.10	ug/Kg			05/01/13 03:34	1
Xylenes, Total	<0.068		0.50	0.068	ug/Kg			05/01/13 03:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 125*		*05/01/13 03:34*	*1*
4-Bromofluorobenzene (Surr)	*92*		*75 - 120*		*05/01/13 03:34*	*1*
Dibromofluoromethane	*98*		*75 - 120*		*05/01/13 03:34*	*1*
Toluene-d8 (Surr)	*108*		*75 - 120*		*05/01/13 03:34*	*1*

Lab Sample ID: LCS 500-184694/4
Matrix: Solid
Analysis Batch: 184694

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	50.4		ug/Kg		101	75 - 120
1,1,1-Trichloroethane	50.0	54.6		ug/Kg		109	70 - 123
1,1,2,2-Tetrachloroethane	50.0	54.6		ug/Kg		109	70 - 128
1,1,2-Trichloroethane	50.0	59.2		ug/Kg		118	69 - 120
1,1-Dichloroethane	50.0	52.7		ug/Kg		105	68 - 121
1,1-Dichloroethene	50.0	49.7		ug/Kg		99	58 - 122
1,1-Dichloropropene	50.0	50.5		ug/Kg		101	70 - 120
1,2,3-Trichlorobenzene	50.0	45.5		ug/Kg		91	56 - 137
1,2,3-Trichloropropane	50.0	53.1		ug/Kg		106	70 - 120
1,2,4-Trichlorobenzene	50.0	44.4		ug/Kg		89	65 - 121
1,2,4-Trimethylbenzene	50.0	54.0		ug/Kg		108	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	41.8		ug/Kg		84	60 - 121
1,2-Dibromoethane	50.0	55.9		ug/Kg		112	70 - 120
1,2-Dichlorobenzene	50.0	51.9		ug/Kg		104	75 - 120
1,2-Dichloroethane	50.0	49.5		ug/Kg		99	69 - 120
1,2-Dichloropropane	50.0	53.5		ug/Kg		107	70 - 120
1,3,5-Trimethylbenzene	50.0	56.9		ug/Kg		114	75 - 123
1,3-Dichlorobenzene	50.0	51.1		ug/Kg		102	70 - 120
1,3-Dichloropropane	50.0	52.3		ug/Kg		105	70 - 120
1,4-Dichlorobenzene	50.0	53.1		ug/Kg		106	75 - 120
2,2-Dichloropropane	50.0	50.8		ug/Kg		102	67 - 125
2-Chlorotoluene	50.0	52.9		ug/Kg		106	70 - 120
4-Chlorotoluene	50.0	50.7		ug/Kg		101	70 - 120
Benzene	50.0	52.4		ug/Kg		105	70 - 120
Bromobenzene	50.0	58.0		ug/Kg		116	70 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-184694/4
Matrix: Solid
Analysis Batch: 184694

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromochloromethane	50.0	51.1		ug/Kg		102	67 - 122
Bromodichloromethane	50.0	50.3		ug/Kg		101	70 - 120
Bromoform	50.0	45.3		ug/Kg		91	70 - 125
Bromomethane	50.0	59.5		ug/Kg		119	50 - 150
Carbon tetrachloride	50.0	51.0		ug/Kg		102	70 - 125
Chlorobenzene	50.0	50.8		ug/Kg		102	70 - 120
Chloroethane	50.0	46.0		ug/Kg		92	50 - 150
Chloroform	50.0	53.3		ug/Kg		107	70 - 120
Chloromethane	50.0	40.9		ug/Kg		82	50 - 134
cis-1,2-Dichloroethene	50.0	56.9		ug/Kg		114	70 - 120
cis-1,3-Dichloropropene	53.8	55.4		ug/Kg		103	70 - 120
Dibromochloromethane	50.0	51.9		ug/Kg		104	70 - 120
Dibromomethane	50.0	53.0		ug/Kg		106	70 - 120
Dichlorodifluoromethane	50.0	33.1		ug/Kg		66	40 - 140
Ethylbenzene	50.0	52.3		ug/Kg		105	75 - 120
Hexachlorobutadiene	50.0	41.6		ug/Kg		83	65 - 135
Isopropylbenzene	50.0	51.3		ug/Kg		103	70 - 120
Methyl tert-butyl ether	50.0	44.7		ug/Kg		89	58 - 122
Methylene Chloride	50.0	54.1		ug/Kg		108	65 - 125
Naphthalene	50.0	48.0		ug/Kg		96	55 - 132
n-Butylbenzene	50.0	51.0		ug/Kg		102	75 - 120
N-Propylbenzene	50.0	50.4		ug/Kg		101	70 - 120
p-Isopropyltoluene	50.0	51.5		ug/Kg		103	70 - 120
sec-Butylbenzene	50.0	49.8		ug/Kg		100	70 - 120
Styrene	50.0	51.6		ug/Kg		103	75 - 120
tert-Butylbenzene	50.0	53.4		ug/Kg		107	70 - 120
Tetrachloroethene	50.0	54.7		ug/Kg		109	70 - 123
Toluene	50.0	57.0		ug/Kg		114	70 - 120
trans-1,2-Dichloroethene	50.0	56.0		ug/Kg		112	70 - 124
trans-1,3-Dichloropropene	48.6	49.4		ug/Kg		102	70 - 120
Trichloroethene	50.0	56.9		ug/Kg		114	70 - 120
Trichlorofluoromethane	50.0	48.0		ug/Kg		96	63 - 134
Vinyl chloride	50.0	47.0		ug/Kg		94	62 - 138
Xylenes, Total	150	146		ug/Kg		98	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 125*
4-Bromofluorobenzene (Surr)	*91*		*75 - 120*
Dibromofluoromethane	*97*		*75 - 120*
Toluene-d8 (Surr)	*105*		*75 - 120*

Lab Sample ID: MB 500-184980/6
Matrix: Water
Analysis Batch: 184980

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			05/02/13 23:08	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			05/02/13 23:08	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-184980/6
Matrix: Water
Analysis Batch: 184980

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			05/02/13 23:08	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			05/02/13 23:08	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			05/02/13 23:08	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			05/02/13 23:08	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			05/02/13 23:08	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			05/02/13 23:08	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			05/02/13 23:08	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			05/02/13 23:08	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			05/02/13 23:08	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			05/02/13 23:08	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			05/02/13 23:08	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			05/02/13 23:08	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			05/02/13 23:08	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			05/02/13 23:08	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			05/02/13 23:08	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			05/02/13 23:08	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			05/02/13 23:08	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			05/02/13 23:08	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			05/02/13 23:08	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			05/02/13 23:08	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			05/02/13 23:08	1
Benzene	<0.074		0.50	0.074	ug/L			05/02/13 23:08	1
Bromobenzene	<0.25		1.0	0.25	ug/L			05/02/13 23:08	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			05/02/13 23:08	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			05/02/13 23:08	1
Bromoform	<0.28		1.0	0.28	ug/L			05/02/13 23:08	1
Bromomethane	<0.31		1.0	0.31	ug/L			05/02/13 23:08	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			05/02/13 23:08	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			05/02/13 23:08	1
Chloroethane	<0.34		1.0	0.34	ug/L			05/02/13 23:08	1
Chloroform	<0.20		1.0	0.20	ug/L			05/02/13 23:08	1
Chloromethane	<0.18		1.0	0.18	ug/L			05/02/13 23:08	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			05/02/13 23:08	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			05/02/13 23:08	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			05/02/13 23:08	1
Dibromomethane	<0.33		1.0	0.33	ug/L			05/02/13 23:08	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			05/02/13 23:08	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			05/02/13 23:08	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			05/02/13 23:08	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			05/02/13 23:08	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			05/02/13 23:08	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			05/02/13 23:08	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			05/02/13 23:08	1
Naphthalene	<0.16		1.0	0.16	ug/L			05/02/13 23:08	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			05/02/13 23:08	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			05/02/13 23:08	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			05/02/13 23:08	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			05/02/13 23:08	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-184980/6
Matrix: Water
Analysis Batch: 184980

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.10		1.0	0.10	ug/L			05/02/13 23:08	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			05/02/13 23:08	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			05/02/13 23:08	1
Toluene	<0.11		0.50	0.11	ug/L			05/02/13 23:08	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			05/02/13 23:08	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			05/02/13 23:08	1
Trichloroethene	<0.19		0.50	0.19	ug/L			05/02/13 23:08	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			05/02/13 23:08	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			05/02/13 23:08	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			05/02/13 23:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 125*		*05/02/13 23:08*	*1*
4-Bromofluorobenzene (Surr)	*97*		*75 - 120*		*05/02/13 23:08*	*1*
Dibromofluoromethane	*97*		*75 - 120*		*05/02/13 23:08*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*05/02/13 23:08*	*1*

Lab Sample ID: LCS 500-184980/4
Matrix: Water
Analysis Batch: 184980

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	47.8		ug/L		96	75 - 120
1,1,1-Trichloroethane	50.0	47.9		ug/L		96	70 - 123
1,1,2,2-Tetrachloroethane	50.0	54.9		ug/L		110	70 - 128
1,1,2-Trichloroethane	50.0	53.9		ug/L		108	69 - 120
1,1-Dichloroethane	50.0	51.9		ug/L		104	68 - 121
1,1-Dichloroethene	50.0	48.2		ug/L		96	58 - 122
1,1-Dichloropropene	50.0	50.0		ug/L		100	70 - 120
1,2,3-Trichlorobenzene	50.0	53.5		ug/L		107	56 - 137
1,2,3-Trichloropropane	50.0	56.1		ug/L		112	70 - 120
1,2,4-Trichlorobenzene	50.0	45.9		ug/L		92	65 - 121
1,2,4-Trimethylbenzene	50.0	51.0		ug/L		102	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	49.9		ug/L		100	60 - 121
1,2-Dibromoethane	50.0	50.7		ug/L		101	70 - 120
1,2-Dichlorobenzene	50.0	47.5		ug/L		95	75 - 120
1,2-Dichloroethane	50.0	52.1		ug/L		104	69 - 120
1,2-Dichloropropane	50.0	52.4		ug/L		105	70 - 120
1,3,5-Trimethylbenzene	50.0	52.4		ug/L		105	75 - 123
1,3-Dichlorobenzene	50.0	46.0		ug/L		92	70 - 120
1,3-Dichloropropane	50.0	52.5		ug/L		105	70 - 120
1,4-Dichlorobenzene	50.0	49.2		ug/L		98	75 - 120
2,2-Dichloropropane	50.0	41.3		ug/L		83	67 - 125
2-Chlorotoluene	50.0	48.4		ug/L		97	70 - 120
4-Chlorotoluene	50.0	47.6		ug/L		95	70 - 120
Benzene	50.0	49.3		ug/L		99	70 - 120
Bromobenzene	50.0	53.6		ug/L		107	70 - 120
Bromochloromethane	50.0	50.4		ug/L		101	67 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-184980/4
Matrix: Water
Analysis Batch: 184980

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	50.0	47.1		ug/L		94	70 - 120
Bromoform	50.0	45.8		ug/L		92	70 - 125
Bromomethane	50.0	40.9		ug/L		82	50 - 150
Carbon tetrachloride	50.0	44.7		ug/L		89	70 - 125
Chlorobenzene	50.0	45.0		ug/L		90	70 - 120
Chloroethane	50.0	40.9		ug/L		82	50 - 150
Chloroform	50.0	52.0		ug/L		104	70 - 120
Chloromethane	50.0	43.1		ug/L		86	50 - 134
cis-1,2-Dichloroethene	50.0	51.5		ug/L		103	70 - 120
cis-1,3-Dichloropropene	53.8	52.2		ug/L		97	70 - 120
Dibromochloromethane	50.0	48.0		ug/L		96	70 - 120
Dibromomethane	50.0	48.6		ug/L		97	70 - 120
Dichlorodifluoromethane	50.0	31.1		ug/L		62	40 - 140
Ethylbenzene	50.0	47.8		ug/L		96	75 - 120
Hexachlorobutadiene	50.0	47.9		ug/L		96	65 - 135
Isopropylbenzene	50.0	46.9		ug/L		94	70 - 120
Methyl tert-butyl ether	50.0	52.0		ug/L		104	58 - 122
Methylene Chloride	50.0	48.1		ug/L		96	65 - 125
Naphthalene	50.0	53.7		ug/L		107	55 - 132
n-Butylbenzene	50.0	47.7		ug/L		95	75 - 120
N-Propylbenzene	50.0	47.0		ug/L		94	70 - 120
p-Isopropyltoluene	50.0	45.9		ug/L		92	70 - 120
sec-Butylbenzene	50.0	45.9		ug/L		92	70 - 120
Styrene	50.0	48.6		ug/L		97	75 - 120
tert-Butylbenzene	50.0	47.0		ug/L		94	70 - 120
Tetrachloroethene	50.0	47.0		ug/L		94	70 - 123
Toluene	50.0	50.9		ug/L		102	70 - 120
trans-1,2-Dichloroethene	50.0	52.0		ug/L		104	70 - 124
trans-1,3-Dichloropropene	48.6	49.0		ug/L		101	70 - 120
Trichloroethene	50.0	47.2		ug/L		94	70 - 120
Trichlorofluoromethane	50.0	48.3		ug/L		97	63 - 134
Vinyl chloride	50.0	43.6		ug/L		87	62 - 138
Xylenes, Total	150	139		ug/L		92	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 125*
4-Bromofluorobenzene (Surr)	*96*		*75 - 120*
Dibromofluoromethane	*100*		*75 - 120*
Toluene-d8 (Surr)	*97*		*75 - 120*

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Lab Sample ID: MB 490-75793/20
Matrix: Solid
Analysis Batch: 75793

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<15		25	15	ug/Kg			04/29/13 15:18	1

Method: WDNR - Wisconsin - Gasoline Range Organics (GC) (Continued)

Lab Sample ID: MB 490-75793/20
Matrix: Solid
Analysis Batch: 75793

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<15		25	15	ug/Kg			04/29/13 15:18	1
Benzene	<18		25	18	ug/Kg			04/29/13 15:18	1
Ethylbenzene	<19		25	19	ug/Kg			04/29/13 15:18	1
Methyl tert-butyl ether	<12		25	12	ug/Kg			04/29/13 15:18	1
Naphthalene	<120		250	120	ug/Kg			04/29/13 15:18	1
Toluene	<17		25	17	ug/Kg			04/29/13 15:18	1
Xylenes, Total	<30		75	30	ug/Kg			04/29/13 15:18	1
Wisconsin GRO	<2500		5000	2500	ug/Kg			04/29/13 15:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*80 - 120*		*04/29/13 15:18*	*1*
a,a,a-Trifluorotoluene	*93*		*80 - 120*		*04/29/13 15:18*	*1*

Lab Sample ID: MB 490-75793/34
Matrix: Solid
Analysis Batch: 75793

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<15		25	15	ug/Kg			04/29/13 21:50	1
1,3,5-Trimethylbenzene	<15		25	15	ug/Kg			04/29/13 21:50	1
Benzene	<18		25	18	ug/Kg			04/29/13 21:50	1
Ethylbenzene	<19		25	19	ug/Kg			04/29/13 21:50	1
Methyl tert-butyl ether	<12		25	12	ug/Kg			04/29/13 21:50	1
Naphthalene	<120		250	120	ug/Kg			04/29/13 21:50	1
Toluene	<17		25	17	ug/Kg			04/29/13 21:50	1
Xylenes, Total	<30		75	30	ug/Kg			04/29/13 21:50	1
Wisconsin GRO	<2500		5000	2500	ug/Kg			04/29/13 21:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*98*		*80 - 120*		*04/29/13 21:50*	*1*
a,a,a-Trifluorotoluene	*97*		*80 - 120*		*04/29/13 21:50*	*1*

Lab Sample ID: LCS 490-75793/17
Matrix: Solid
Analysis Batch: 75793

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	100	98.8		ug/Kg		99	60 - 140
1,3,5-Trimethylbenzene	100	102		ug/Kg		102	74 - 133
Benzene	100	101		ug/Kg		101	76 - 120
Ethylbenzene	100	103		ug/Kg		103	77 - 120
Methyl tert-butyl ether	100	102		ug/Kg		102	73 - 120
Naphthalene	100	84.9		ug/Kg		85	74 - 127
Toluene	100	102		ug/Kg		102	79 - 120
Wisconsin GRO	1000	994		ug/Kg		99	80 - 120

Method: WDNR - Wisconsin - Gasoline Range Organics (GC) (Continued)

Lab Sample ID: LCS 490-75793/17
Matrix: Solid
Analysis Batch: 75793

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*105*		*80 - 120*
a,a,a-Trifluorotoluene	*96*		*80 - 120*

Lab Sample ID: LCSD 490-75793/45
Matrix: Solid
Analysis Batch: 75793

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trimethylbenzene			100	95.5		ug/Kg		96	60 - 140	3	50
1,3,5-Trimethylbenzene			100	100		ug/Kg		100	74 - 133	2	42
Benzene			100	101		ug/Kg		101	76 - 120	1	27
Ethylbenzene			100	102		ug/Kg		102	77 - 120	1	49
Methyl tert-butyl ether			100	102		ug/Kg		102	73 - 120	0	31
Naphthalene			100	84.1		ug/Kg		84	74 - 127	1	50
Toluene			100	100		ug/Kg		100	79 - 120	1	37
Wisconsin GRO			1000	959		ug/Kg		96	80 - 120	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*110*		*80 - 120*
a,a,a-Trifluorotoluene	*106*		*80 - 120*

Method: WI-GRO - Wisconsin - Gasoline Range Organics (GC)

Lab Sample ID: LB3 500-184416/20-A LB3
Matrix: Solid
Analysis Batch: 185501

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 184416

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
WI Gasoline Range Organics (C5-C10)	<440		1500	440	ug/Kg		04/25/13 00:00	05/08/13 03:10	50

Lab Sample ID: LCS 500-184416/22-A
Matrix: Solid
Analysis Batch: 185501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 184416

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
WI Gasoline Range Organics (C5-C10)			20000	19000		ug/Kg		95	80 - 120

Lab Sample ID: MB 500-185501/2
Matrix: Solid
Analysis Batch: 185501

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
WI Gasoline Range Organics (C5-C10)	<440		1500	440	ug/Kg			05/08/13 01:58	50

Method: WI-GRO - Wisconsin - Gasoline Range Organics (GC) (Continued)

Lab Sample ID: LCS 500-185501/3
Matrix: Solid
Analysis Batch: 185501

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
WI Gasoline Range Organics (C5-C10)	20000	20500		ug/Kg		103	80 - 120

Lab Sample ID: LCSD 500-185501/8
Matrix: Solid
Analysis Batch: 185501

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
WI Gasoline Range Organics (C5-C10)	20000	20200		ug/Kg		101	80 - 120	2	20

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 500-184568/1-A
Matrix: Solid
Analysis Batch: 185041

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 184568

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<5.9		17	5.9	ug/Kg		04/30/13 07:20	05/02/13 20:36	1
PCB-1221	<7.3		17	7.3	ug/Kg		04/30/13 07:20	05/02/13 20:36	1
PCB-1232	<7.3		17	7.3	ug/Kg		04/30/13 07:20	05/02/13 20:36	1
PCB-1242	<5.5		17	5.5	ug/Kg		04/30/13 07:20	05/02/13 20:36	1
PCB-1248	<6.6		17	6.6	ug/Kg		04/30/13 07:20	05/02/13 20:36	1
PCB-1254	<3.6		17	3.6	ug/Kg		04/30/13 07:20	05/02/13 20:36	1
PCB-1260	<8.2		17	8.2	ug/Kg		04/30/13 07:20	05/02/13 20:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*63*		*50 - 116*	*04/30/13 07:20*	*05/02/13 20:36*	*1*
DCB Decachlorobiphenyl	*73*		*48 - 142*	*04/30/13 07:20*	*05/02/13 20:36*	*1*

Lab Sample ID: LCS 500-184568/3-A
Matrix: Solid
Analysis Batch: 185041

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 184568

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	167	100		ug/Kg		60	59 - 110
PCB-1260	167	122		ug/Kg		73	69 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*56*		*50 - 116*
DCB Decachlorobiphenyl	*75*		*48 - 142*

Method: WI-DRO - Wisconsin - Diesel Range Organics (GC)

Lab Sample ID: MB 500-184605/1-A
Matrix: Solid
Analysis Batch: 184611

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 184605

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
WI Diesel Range Organics (C10-C28)	<1.6		4.0	1.6	mg/Kg		04/30/13 08:37	04/30/13 23:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*81*		*44 - 148*	*04/30/13 08:37*	*04/30/13 23:01*	*1*

Lab Sample ID: LCS 500-184605/2-A
Matrix: Solid
Analysis Batch: 184611

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 184605

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
WI Diesel Range Organics (C10-C28)			20.0	19.6		mg/Kg		98	70 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Nonane	*81*		*44 - 148*

Lab Sample ID: LCSD 500-184605/3-A
Matrix: Solid
Analysis Batch: 184611

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 184605

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
WI Diesel Range Organics (C10-C28)			20.0	20.5		mg/Kg		103	70 - 120	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Nonane	*83*		*44 - 148*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 500-184352/1-A
Matrix: Solid
Analysis Batch: 184915

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 184352

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.22		1.0	0.22	mg/Kg		04/26/13 16:00	05/02/13 02:09	1
Barium	<0.12		1.0	0.12	mg/Kg		04/26/13 16:00	05/02/13 02:09	1
Chromium	<0.17		1.0	0.17	mg/Kg		04/26/13 16:00	05/02/13 02:09	1
Lead	0.532		0.50	0.17	mg/Kg		04/26/13 16:00	05/02/13 02:09	1
Selenium	<0.29		1.0	0.29	mg/Kg		04/26/13 16:00	05/02/13 02:09	1
Silver	<0.060		0.50	0.060	mg/Kg		04/26/13 16:00	05/02/13 02:09	1

Lab Sample ID: MB 500-184352/1-A
Matrix: Solid
Analysis Batch: 185154

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 184352

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.050		0.20	0.050	mg/Kg		04/26/13 16:00	05/03/13 13:13	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 500-184352/2-A
Matrix: Solid
Analysis Batch: 184915

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 184352

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	10.0	9.76		mg/Kg		98	80 - 120
Barium	200	204		mg/Kg		102	80 - 120
Chromium	20.0	20.7		mg/Kg		103	80 - 120
Lead	10.0	10.5		mg/Kg		105	80 - 120
Selenium	10.0	9.09		mg/Kg		91	80 - 120
Silver	5.00	4.96		mg/Kg		99	80 - 120

Lab Sample ID: LCS 500-184352/2-A
Matrix: Solid
Analysis Batch: 185154

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 184352

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	5.00	4.71		mg/Kg		94	80 - 120

Lab Sample ID: 500-56421-1 MS
Matrix: Solid
Analysis Batch: 184915

Client Sample ID: GP-1 4-6'
Prep Type: Total/NA
Prep Batch: 184352

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	14	B	11.8	24.1		mg/Kg	☼	86	75 - 125

Lab Sample ID: 500-56421-1 MSD
Matrix: Solid
Analysis Batch: 184915

Client Sample ID: GP-1 4-6'
Prep Type: Total/NA
Prep Batch: 184352

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	14	B	11.6	24.1		mg/Kg	☼	88	75 - 125	0	20

Lab Sample ID: 500-56421-1 DU
Matrix: Solid
Analysis Batch: 184915

Client Sample ID: GP-1 4-6'
Prep Type: Total/NA
Prep Batch: 184352

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lead	14	B	13.9		mg/Kg	☼	0.01	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 500-184419/1-A
Matrix: Water
Analysis Batch: 184778

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 184419

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.15		1.0	0.15	ug/L		04/28/13 09:11	04/30/13 19:23	1
Barium	<0.45		2.5	0.45	ug/L		04/28/13 09:11	04/30/13 19:23	1
Cadmium	<0.10		0.50	0.10	ug/L		04/28/13 09:11	04/30/13 19:23	1
Chromium	<0.64		5.0	0.64	ug/L		04/28/13 09:11	04/30/13 19:23	1
Lead	<0.16		0.50	0.16	ug/L		04/28/13 09:11	04/30/13 19:23	1
Selenium	<0.25	^	2.5	0.25	ug/L		04/28/13 09:11	04/30/13 19:23	1
Silver	<0.069		0.50	0.069	ug/L		04/28/13 09:11	04/30/13 19:23	1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 500-184419/2-A
Matrix: Water
Analysis Batch: 184778

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 184419

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	100	99.0		ug/L		99	80 - 120
Barium	500	487		ug/L		97	80 - 120
Cadmium	50.0	53.2		ug/L		106	80 - 120
Chromium	200	198		ug/L		99	80 - 120
Lead	100	103		ug/L		103	80 - 120
Selenium	100	100	^	ug/L		100	80 - 120
Silver	50.0	53.6		ug/L		107	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-184500/7-A
Matrix: Water
Analysis Batch: 184644

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 184500

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.064		0.20	0.064	ug/L		04/29/13 14:45	04/30/13 11:10	1

Lab Sample ID: LCS 500-184500/8-A
Matrix: Water
Analysis Batch: 184644

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 184500

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	2.00	2.03		ug/L		102	80 - 120

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 500-184471/7-A
Matrix: Solid
Analysis Batch: 184648

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 184471

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<7.9		17	7.9	ug/Kg		04/29/13 14:00	04/30/13 09:47	1

Lab Sample ID: LCS 500-184471/8-A
Matrix: Solid
Analysis Batch: 184648

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 184471

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	167	175		ug/Kg		105	80 - 120

Client Sample ID: GP-1 4-6' — **Lab Sample ID: 500-56421-1**
Date Collected: 04/24/13 00:00 — **Matrix: Solid**
Date Received: 04/26/13 10:25 — **Percent Solids: 77.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 16:42	BH	TAL NSH
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 16:42	BH	TAL NSH
Total/NA	Prep	WI DRO PREP			184605	04/30/13 08:37	DAK	TAL CHI
Total/NA	Analysis	WI-DRO		1	184611	05/01/13 00:12	SAW	TAL CHI
Total/NA	Prep	3050B			184352	04/26/13 16:00	RL	TAL CHI
Total/NA	Analysis	6010B		1	184915	05/02/13 02:17	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	184327	04/26/13 13:40	CMV	TAL CHI

Client Sample ID: GP-1 6-8' — **Lab Sample ID: 500-56421-2**
Date Collected: 04/24/13 00:00 — **Matrix: Solid**
Date Received: 04/26/13 10:25 — **Percent Solids: 82.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 17:10	BH	TAL NSH
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 17:10	BH	TAL NSH
Total/NA	Prep	WI DRO PREP			184605	04/30/13 08:37	DAK	TAL CHI
Total/NA	Analysis	WI-DRO		1	184611	05/01/13 00:48	SAW	TAL CHI
Total/NA	Prep	3050B			184352	04/26/13 16:00	RL	TAL CHI
Total/NA	Analysis	6010B		1	184915	05/02/13 02:45	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	184327	04/26/13 13:40	CMV	TAL CHI

Client Sample ID: GP-2 6-8' — **Lab Sample ID: 500-56421-3**
Date Collected: 04/24/13 00:00 — **Matrix: Solid**
Date Received: 04/26/13 10:25 — **Percent Solids: 83.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			184416	04/24/13 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	184694	05/01/13 12:14	EA	TAL CHI
Total/NA	Prep	5035			184416	04/24/13 00:00	WRE	TAL CHI
Total/NA	Analysis	WI-GRO		500	185501	05/08/13 04:56	WRE	TAL CHI
Total/NA	Prep	WI DRO PREP			184605	04/30/13 08:37	DAK	TAL CHI
Total/NA	Analysis	WI-DRO		1	184611	05/01/13 01:23	SAW	TAL CHI
Total/NA	Prep	3541			184568	04/30/13 07:20	STW	TAL CHI
Total/NA	Analysis	8082		1	185041	05/02/13 23:37	GMO	TAL CHI
Total/NA	Prep	7471A			184471	04/29/13 14:00	BJB	TAL CHI
Total/NA	Analysis	7471A		1	184648	04/30/13 10:17	BJB	TAL CHI
Total/NA	Prep	3050B			184352	04/26/13 16:00	RL	TAL CHI
Total/NA	Analysis	6010B		1	184915	05/02/13 02:49	LEG	TAL CHI
Total/NA	Prep	3050B			184352	04/26/13 16:00	RL	TAL CHI

Client Sample ID: GP-2 6-8' — **Lab Sample ID: 500-56421-3**
Date Collected: 04/24/13 00:00 — **Matrix: Solid**
Date Received: 04/26/13 10:25 — **Percent Solids: 83.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	185154	05/03/13 13:21	PJ	TAL CHI
Total/NA	Analysis	Moisture		1	184327	04/26/13 13:40	CMV	TAL CHI

Client Sample ID: GP-2 12-14' — **Lab Sample ID: 500-56421-4**
Date Collected: 04/24/13 00:00 — **Matrix: Solid**
Date Received: 04/26/13 10:25 — **Percent Solids: 85.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 17:38	BH	TAL NSH
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 17:38	BH	TAL NSH
Total/NA	Prep	WI DRO PREP			184605	04/30/13 08:37	DAK	TAL CHI
Total/NA	Analysis	WI-DRO		1	184611	05/01/13 01:59	SAW	TAL CHI
Total/NA	Prep	3050B			184352	04/26/13 16:00	RL	TAL CHI
Total/NA	Analysis	6010B		1	184915	05/02/13 02:53	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	184327	04/26/13 13:40	CMV	TAL CHI

Client Sample ID: GP-3 0-4' — **Lab Sample ID: 500-56421-5**
Date Collected: 04/24/13 00:00 — **Matrix: Solid**
Date Received: 04/26/13 10:25 — **Percent Solids: 91.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 18:06	BH	TAL NSH
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 18:06	BH	TAL NSH
Total/NA	Prep	WI DRO PREP			184605	04/30/13 08:37	DAK	TAL CHI
Total/NA	Analysis	WI-DRO		1	184611	05/01/13 02:34	SAW	TAL CHI
Total/NA	Prep	3050B			184352	04/26/13 16:00	RL	TAL CHI
Total/NA	Analysis	6010B		1	184915	05/02/13 02:57	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	184327	04/26/13 13:40	CMV	TAL CHI

Client Sample ID: GP-3 8-10' — **Lab Sample ID: 500-56421-6**
Date Collected: 04/24/13 00:00 — **Matrix: Solid**
Date Received: 04/26/13 10:25 — **Percent Solids: 81.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 18:34	BH	TAL NSH
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 18:34	BH	TAL NSH
Total/NA	Prep	WI DRO PREP			184605	04/30/13 08:37	DAK	TAL CHI

Client Sample ID: GP-3 8-10'

Lab Sample ID: 500-56421-6

Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 81.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	WI-DRO		1	184611	05/01/13 03:10	SAW	TAL CHI
Total/NA	Prep	3050B			184352	04/26/13 16:00	RL	TAL CHI
Total/NA	Analysis	6010B		1	184915	05/02/13 03:02	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	184327	04/26/13 13:40	CMV	TAL CHI

Client Sample ID: GP-4 0-2'

Lab Sample ID: 500-56421-7

Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 80.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 19:02	BH	TAL NSH
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 19:02	BH	TAL NSH
Total/NA	Prep	WI DRO PREP			184605	04/30/13 08:37	DAK	TAL CHI
Total/NA	Analysis	WI-DRO		1	184611	05/01/13 03:45	SAW	TAL CHI
Total/NA	Prep	3050B			184352	04/26/13 16:00	RL	TAL CHI
Total/NA	Analysis	6010B		1	184915	05/02/13 03:06	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	184327	04/26/13 13:40	CMV	TAL CHI

Client Sample ID: GP-4 2-4'

Lab Sample ID: 500-56421-8

Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 81.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 19:30	BH	TAL NSH
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 19:30	BH	TAL NSH
Total/NA	Prep	WI DRO PREP			184605	04/30/13 08:37	DAK	TAL CHI
Total/NA	Analysis	WI-DRO		1	184611	05/01/13 04:21	SAW	TAL CHI
Total/NA	Prep	3050B			184352	04/26/13 16:00	RL	TAL CHI
Total/NA	Analysis	6010B		1	184915	05/02/13 03:10	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	184327	04/26/13 13:40	CMV	TAL CHI

Client Sample ID: GP-5 2-4'

Lab Sample ID: 500-56421-9

Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 77.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 19:58	BH	TAL NSH
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH

Client Sample ID: GP-5 2-4'

Lab Sample ID: 500-56421-9

Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 77.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	WDNR		1	75793	04/29/13 19:58	BH	TAL NSH
Total/NA	Prep	WI DRO PREP			184605	04/30/13 08:37	DAK	TAL CHI
Total/NA	Analysis	WI-DRO		1	184611	05/01/13 05:31	SAW	TAL CHI
Total/NA	Prep	3050B			184352	04/26/13 16:00	RL	TAL CHI
Total/NA	Analysis	6010B		1	184915	05/02/13 03:22	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	184327	04/26/13 13:40	CMV	TAL CHI

Client Sample ID: GP-5 8-10'

Lab Sample ID: 500-56421-10

Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 22:18	BH	TAL NSH
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 22:18	BH	TAL NSH
Total/NA	Prep	WI DRO PREP			184605	04/30/13 08:37	DAK	TAL CHI
Total/NA	Analysis	WI-DRO		1	184611	05/01/13 06:07	SAW	TAL CHI
Total/NA	Prep	3050B			184352	04/26/13 16:00	RL	TAL CHI
Total/NA	Analysis	6010B		1	184915	05/02/13 03:26	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	184327	04/26/13 13:40	CMV	TAL CHI

Client Sample ID: GP-6 2-4'

Lab Sample ID: 500-56421-11

Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 22:46	BH	TAL NSH
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 22:46	BH	TAL NSH
Total/NA	Prep	WI DRO PREP			184605	04/30/13 08:37	DAK	TAL CHI
Total/NA	Analysis	WI-DRO		1	184611	05/01/13 06:42	SAW	TAL CHI
Total/NA	Prep	3050B			184352	04/26/13 16:00	RL	TAL CHI
Total/NA	Analysis	6010B		1	184915	05/02/13 03:30	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	184327	04/26/13 13:40	CMV	TAL CHI

Client Sample ID: GP-6 6-8'

Lab Sample ID: 500-56421-12

Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 80.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH

Client Sample ID: GP-6 6-8'

Lab Sample ID: 500-56421-12

Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 80.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	WDNR		1	75793	04/29/13 23:14	BH	TAL NSH
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 23:14	BH	TAL NSH
Total/NA	Prep	WI DRO PREP			184605	04/30/13 08:37	DAK	TAL CHI
Total/NA	Analysis	WI-DRO		1	184611	05/01/13 07:18	SAW	TAL CHI
Total/NA	Prep	3050B			184352	04/26/13 16:00	RL	TAL CHI
Total/NA	Analysis	6010B		1	184915	05/02/13 03:34	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	184327	04/26/13 13:40	CMV	TAL CHI

Client Sample ID: GP-7 0-2'

Lab Sample ID: 500-56421-13

Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 75.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 23:42	BH	TAL NSH
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 23:42	BH	TAL NSH
Total/NA	Prep	WI DRO PREP			184605	04/30/13 08:37	DAK	TAL CHI
Total/NA	Analysis	WI-DRO		1	184611	05/01/13 07:53	SAW	TAL CHI
Total/NA	Prep	3050B			184352	04/26/13 16:00	RL	TAL CHI
Total/NA	Analysis	6010B		1	184915	05/02/13 03:38	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	184327	04/26/13 13:40	CMV	TAL CHI

Client Sample ID: GP-7 4-6'

Lab Sample ID: 500-56421-14

Date Collected: 04/24/13 00:00
Matrix: Solid
Date Received: 04/26/13 10:25
Percent Solids: 79.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/30/13 00:10	BH	TAL NSH
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/30/13 00:10	BH	TAL NSH
Total/NA	Prep	WI DRO PREP			184605	04/30/13 08:37	DAK	TAL CHI
Total/NA	Analysis	WI-DRO		1	184611	05/01/13 08:29	SAW	TAL CHI
Total/NA	Prep	3050B			184352	04/26/13 16:00	RL	TAL CHI
Total/NA	Analysis	6010B		1	184915	05/02/13 03:42	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	184327	04/26/13 13:40	CMV	TAL CHI

Client Sample ID: MeOH Blank

Lab Sample ID: 500-56421-15

Date Collected: 04/24/13 00:00

Matrix: Solid

Date Received: 04/26/13 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 15:46	BH	TAL NSH
Total/NA	Prep	5035			75593	04/27/13 16:45	ML	TAL NSH
Total/NA	Analysis	WDNR		1	75793	04/29/13 15:46	BH	TAL NSH

Client Sample ID: GP-3

Lab Sample ID: 500-56421-16

Date Collected: 04/24/13 00:00

Matrix: Water

Date Received: 04/26/13 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	184980	05/03/13 02:09	BDA	TAL CHI
Dissolved	Prep	7470A			184500	04/29/13 14:45	BJB	TAL CHI
Dissolved	Analysis	7470A		1	184644	04/30/13 11:54	BJB	TAL CHI
Dissolved	Prep	3005A			184419	04/28/13 09:11	DB	TAL CHI
Dissolved	Analysis	6020		1	184778	04/30/13 20:16	PFK	TAL CHI

Client Sample ID: GP-4

Lab Sample ID: 500-56421-17

Date Collected: 04/24/13 00:00

Matrix: Water

Date Received: 04/26/13 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	184980	05/03/13 02:31	BDA	TAL CHI
Dissolved	Prep	7470A			184500	04/29/13 14:45	BJB	TAL CHI
Dissolved	Analysis	7470A		1	184644	04/30/13 11:56	BJB	TAL CHI
Dissolved	Prep	3005A			184419	04/28/13 09:11	DB	TAL CHI
Dissolved	Analysis	6020		1	184778	04/30/13 20:18	PFK	TAL CHI

Client Sample ID: Trip Blank

Lab Sample ID: 500-56421-18

Date Collected: 04/24/13 00:00

Matrix: Water

Date Received: 04/26/13 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	184980	05/03/13 02:54	BDA	TAL CHI

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: TRC Environmental Corporation.
Project/Site: WisDOT Bristol Garage - 202795

TestAmerica Job ID: 500-56421-1

Laboratory: TestAmerica Chicago

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40461	05-31-13
California	NELAP	9	01132CA	04-30-14
Georgia	State Program	4	N/A	04-30-14
Georgia	State Program	4	939	04-30-14
Hawaii	State Program	9	N/A	04-30-14
Illinois	NELAP	5	100201	04-30-14
Indiana	State Program	5	C-IL-02	05-31-13 *
Iowa	State Program	7	82	05-01-14
Kansas	NELAP	7	E-10161	10-31-13
Kentucky	State Program	4	90023	12-31-13
Kentucky (UST)	State Program	4	66	04-30-14
Louisiana	NELAP	6	30720	06-30-13
Massachusetts	State Program	1	M-IL035	06-30-13
Mississippi	State Program	4	N/A	04-30-14
North Carolina DENR	State Program	4	291	12-31-13
North Dakota	State Program	8	R-194	04-30-14
Oklahoma	State Program	6	8908	08-31-13
South Carolina	State Program	4	77001	05-31-13 *
Texas	NELAP	6	T104704252-09-TX	02-28-14
USDA	Federal		P330-12-00038	02-06-15
Virginia	NELAP	3	460142	06-14-13
Wisconsin	State Program	5	999580010	08-31-13
Wyoming	State Program	8	8TMS-Q	07-15-13

Laboratory: TestAmerica Nashville

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	ACIL		393	10-30-13
A2LA	ISO/IEC 17025		0453.07	12-31-13
Alabama	State Program	4	41150	05-31-13
Alaska (UST)	State Program	10	UST-087	07-24-13
Arizona	State Program	9	AZ0473	05-05-14 *
Arkansas DEQ	State Program	6	88-0737	04-25-13 *
California	NELAP	9	1168CA	10-31-13
Connecticut	State Program	1	PH-0220	12-31-13
Florida	NELAP	4	E87358	06-30-13
Illinois	NELAP	5	200010	12-09-13
Iowa	State Program	7	131	05-01-14
Kansas	NELAP	7	E-10229	10-31-13
Kentucky (UST)	State Program	4	19	09-15-13
Louisiana	NELAP	6	30613	06-30-13
Maryland	State Program	3	316	03-31-14
Massachusetts	State Program	1	M-TN032	06-30-13
Minnesota	NELAP	5	047-999-345	12-31-13
Mississippi	State Program	4	N/A	06-30-13
Montana (UST)	State Program	8	NA	01-01-15
Nevada	State Program	9	TN00032	07-31-13
New Hampshire	NELAP	1	2963	10-10-13
New Jersey	NELAP	2	TN965	06-30-13

* Expired certification is currently pending renewal and is considered valid.

Certification Summary

Client: TRC Environmental Corporation.
Project/Site: WisDOT Bristol Garage - 202795

TestAmerica Job ID: 500-56421-1

Laboratory: TestAmerica Nashville (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	11342	04-01-14
North Carolina DENR	State Program	4	387	12-31-13
North Dakota	State Program	8	R-146	06-30-13
Ohio VAP	State Program	5	CL0033	01-19-14
Oregon	NELAP	10	TN200001	04-29-14
Pennsylvania	NELAP	3	68-00585	06-30-13
Rhode Island	State Program	1	LAO00268	12-30-13
South Carolina	State Program	4	84009 (001)	05-31-14 *
South Carolina	State Program	4	84009 (002)	02-23-14
Tennessee	State Program	4	2008	02-23-14
Texas	NELAP	6	T104704077-09-TX	08-31-13
USDA	Federal		S-48469	11-02-13
Utah	NELAP	8	TAN	06-30-13
Virginia	NELAP	3	460152	06-14-13
Washington	State Program	10	C789	07-19-13
West Virginia DEP	State Program	3	219	02-28-14
Wisconsin	State Program	5	998020430	08-31-13
Wyoming (UST)	A2LA	8	453.07	12-31-13

* Expired certification is currently pending renewal and is considered valid.

TestAmerica

THE LEADER IN ENVIRONMENTAL

2417 Bond Street, University Park, IL 60
Phone: 708.534.5200 Fax: 708.534

500-56421 COC

Chain of Custody Record

Lab Job #: 500-56421

Chain of Custody Number:

Page 1 of 2

Temperature °C of Cooler: 1.3

(optional) Report To		(optional) Bill To	
Contact:	Ken Yass	Contact:	
Company:	TRC	Company:	
Address:	150 N. Patrick Blvd, Ste 180	Address:	
Address:	Brookfield, WI 53045	Address:	
Phone:	262-879-1212	Phone:	
Fax:	262-879-1220	Fax:	
E-Mail:	kyass@trcsolutions.com	PO#/Reference#	

Client	Client Project #	Preservative	9	8	8							
TRC	202795											
Project Name: WisDOT Bristol Garage		Parameter	Geo/Pvoc+Naph	DRO	Lead							
Project Location/State: Bristol, WI	Lab Project #											
Sampler: Bryan Bergmann	Lab PM											

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix									Comments
1		GP-1 4-6'	4-24-13		3	S	X	X	X						
2		GP-1 6-8'					X	X	X						
3		GP-2 6-8'					X	X	X						
4		GP-2 12-14'					X	X	X						
5		GP-3 0-4'					X	X	X						
6		GP-3 8-10'					X	X	X						
7		GP-4 0-2'					X	X	X						
8		GP-4 2-4'					X	X	X						
9		GP-5 2-4'					X	X	X						
10		GP-5 8-10'					X	X	X						

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Turnaround Time Required (Business Days)

___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days X 10 Days ___ 15 Days _____ Other

Requested Due Date _____

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Bryan Bergmann	TRC	4-25-13	1610	Alexis Scott	TA-CHI	4/26/13	1025
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier:

Shipped: FedEx

Hand Delivered:

Matrix Key

WW – Wastewater	SE – Sediment
W – Water	SO – Soil
S – Soil	L – Leachate
SL – Sludge	WI – Wipe
MS – Miscellaneous	DW – Drinking Water
OL – Oil	O – Other
A – Air	

Client Comments:

Lab Comments:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

Chain of Custody Record

Report To (optional)
Contact: Ken Yass
Company: TRC
Address: 150 N. Patrick Blvd., Ste 180
Address: Brookfield, WI 53045
Phone: 262 879-1212
Fax: 262-879-1220
E-Mail: Kyass@trcsolutions.com

Bill To (optional)
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Lab Job #: 500-56421
Chain of Custody Number:
Page 2 of 2
Temperature °C of Cooler: 1.3

Client: TRC
Client Project #: 202795
Project Name: WisDOT Bristol Garage
Project Location/State: Bristol, WI
Lab Project #:
Sampler: Bryan Bergmann
Lab PM:

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	GRO/PVOC/TMB 9	DRO 8	Lead 8	8 RCRA Metals 3	VOCs 1					Comments
11		GP-6 2-4'	4-24-13		3	S	X	X	X							
12		GP-6 6-8'	↓		3	↓	X	X	X							
13		GP-7 0-2'	↓		3	↓	X	X	X							
14		GP-7 4-6'	↓		3	↓	X	X	X							
15		MeOH Blank	↓		1		X									
16		GP-3	↓		4	W				X	X					
17		GP-4	↓		4	↓				X	X					
18		Trip Blank	↓		2						X					

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days X 10 Days ___ 15 Days ______ Other
Requested Due Date ______

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for ______ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	TRC	4-25-13	1610	[signature]	TA-CHI	4/26/13	1025

Lab Courier:
Shipped: FedEx
Hand Delivered:

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments
RCRA metals groundwater samples were field filtered.

Lab Comments:

TAL-4124-500 (1209)

Lunt, Jeff

From: Fredrick, Sandie
Sent: Friday, April 26, 2013 11:17 AM
To: Lunt, Jeff; Scott, Sherri
Subject: FW: WisDOT Bristol Garage, TRC No. 202795

Hi Jeff/Sherri,
Please see below – this will arrive today. Can this change be implemented and this email be scanned?
Thanks so much,
Sandie

SANDRA FREDRICK
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street
University Park, IL 60484
Tel 920-261-1660
sandie.fredrick@testamericainc.com

From: Bergmann, Bryan [mailto:BBergmann@trcsolutions.com]
Sent: Friday, April 26, 2013 11:15 AM
To: Fredrick, Sandie
Subject: WisDOT Bristol Garage, TRC No. 202795

Hi Sandie,

The lab should receive samples for this project this morning.

I would like to change the analyses for soil sample GP-2 (6-8').

Initially I wanted GRO/PVOCs+nap, DRO, and lead.

Can we change that to the following and let me know if you have enough sample for these analyses:
DRO
GRO
VOCs
PCBs
RCRA metals.

Thank you,

Bryan J. Bergmann, P.G.
Project Hydrogeologist

150 North Patrick Boulevard, Suite 180, Brookfield, WI 53045
T: 262.879.1212 | F: 262.879.1220 | C: 262-227-9210

Follow us on LinkedIn or Twitter | www.trcsolutions.com

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

500-56421 Chain of Custody

Cooler Received/Opened On: 4/27/2013 @0810

1. Tracking # 0338 (last 4 digits, FedEx)

Courier: Fed-Ex IR Gun ID: 96210146

2. Temperature of rep. sample or temp blank when opened: 5.8 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA 4/27/13

b. Was there any observable headspace present in any VOA vial? YES...NO...NA Soil

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # NA

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 11/28/12

TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Phone (708) 534-5200 Fax (708) 534-5211

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Fredrick, Sandie	Carrier Tracking No(s):	COC No: 500-34401.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: sandie.fredrick@testamericainc.com		Page: Page 1 of 2
Company: TestAmerica Laboratories, Inc				Job #: 500-56421-1
Address: 2960 Foster Creighton Drive, ,	Due Date Requested: 5/3/2013			
City: Nashville	TAT Requested (days):			
State, Zip: TN, 37204	PO #:			
Phone: 615-726-0177(Tel) 615-726-0954(Fax)	WO #:			
Email:	Project #: 50006705			
Project Name: WisDOT Bristol Garage - 202795	SSOW#:			
Site:				

Analysis Requested

Loc: 500
56421

Preservation Codes:

A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2SO3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - ph 4-5
Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	WI_GRO/6035FM_Calc (MOD) PVOC+NAP+GRO	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
GP-1 4-6' (500-56421-1)	4/24/13	Central		Solid			X	1	Plus GRO
GP-1 6-8' (500-56421-2)	4/24/13	Central		Solid			X	1	Plus GRO
GP-2 12-14' (500-56421-4)	4/24/13	Central		Solid			X	1	Plus GRO
GP-3 0-4' (500-56421-5)	4/24/13	Central		Solid			X	1	Plus GRO
GP-3 8-10' (500-56421-6)	4/24/13	Central		Solid			X	1	Plus GRO
GP-4 0-2' (500-56421-7)	4/24/13	Central		Solid			X	1	Plus GRO
GP-4 2-4' (500-56421-8)	4/24/13	Central		Solid			X	1	Plus GRO
GP-5 2-4' (500-56421-9)	4/24/13	Central		Solid			X	1	Plus GRO
GP-5 8-10' (500-56421-10)	4/24/13	Central		Solid			X	1	Plus GRO
GP-6 2-4' (500-56421-11)	4/24/13	Central		Solid			X	1	Plus GRO
GP-6 6-8' (500-56421-12)	4/24/13	Central		Solid			X	1	Plus GRO

Possible Hazard Identification
Unconfirmed
Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Sherri Scott	Date/Time: 4/26/13 1630	Company TA-CHI	Received by: Temp 5.8	Date/Time: 4/25/13 08:10	Company TAN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

5/8/2013

TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Phone (708) 534-5200 Fax (708) 534-5211

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Fredrick, Sandie	Carrier Tracking No(s):	COC No: 500-34401.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: sandie.fredrick@testamericainc.com		Page: Page 2 of 2
Company: TestAmerica Laboratories, Inc				Job #: 500-56421-1

Address: 2960 Foster Creighton Drive, ,	Due Date Requested: 5/3/2013
City: Nashville	TAT Requested (days):
State, Zip: TN, 37204	
Phone: 615-726-0177(Tel) 615-726-0954(Fax)	PO #:
Email:	WO #:
Project Name: WisDOT Bristol Garage - 202795	Project #: 50006705
Site:	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	WI_GRO/6035FM_Calc (MOD) PVOC+NAP+GRO	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
GP-7 0-2' (500-56421-13)	4/24/13	Central		Solid			X	1	Plus GRO
GP-7 4-6' (500-56421-14)	4/24/13	Central		Solid			X	1	Plus GRO
MeOH Blank (500-56421-15)	4/24/13	Central		Solid			X	1	Plus GRO

Possible Hazard Identification
Unconfirmed
Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For _____ Months*
Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	4/26/13 1630	TA-CHI	[signature] temp 5.8	4/27/13 08:10	TAN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Login Sample Receipt Checklist

Client: TRC Environmental Corporation.

Job Number: 500-56421-1

Login Number: 56421

List Source: TestAmerica Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: TRC Environmental Corporation.

Job Number: 500-56421-1

Login Number: 56421
List Number: 1
Creator: Himelick, John

List Source: TestAmerica Nashville
List Creation: 04/27/13 11:38 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix E
Release Notification

State of Wisconsin
Department of Natural Resources
dnr.wi.gov

Notification For Hazardous Substance Discharge (Non-Emergency Only)

Form 4400-225 (05/12) Page 1 of 2

Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003

Notice: Hazardous substance discharges must be reported immediately according to s. 292.11 Wis. Stats. Non-emergency hazardous substance discharges may be reported by telefaxing or e-mailing a completed report to the Department, or calling or visiting a Department office in person. If you choose to notify the Department by telefax or by email, you should use this form to be sure that all necessary information is included. However, use of this form is not mandatory. Under s. 292.99, Wis. Stats., the penalty for violating the reporting requirements of ch. 292 Wis. Stats., shall be no less than $10 nor more than $5000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (ss. 19.31 – 19.39, Wis. Stats.).

Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification.

Complete this form. **TYPE or PRINT LEGIBLY.** NOTIFY appropriate DNR region (see next page) **IMMEDIATELY** upon discovery of a potential release from **(check one)**:

- [x] Underground Petroleum Storage Tank System (additional information may be required for Item 6 below)
- [ ] Aboveground Petroleum Storage Tank System
- [ ] Dry Cleaner Facility
- [ ] Other - Describe: _____

ATTN DNR: **R & R Program Associate** Date DNR Notified: 05/17/2013

1. Discharge Reported By

Name	Firm	Phone No. (include area code)
Bryan Bergmann	TRC Environmental Corporation	(262) 879-1212

Mailing Address	Email Address
150 N. Patrick Blvd., Suite 180, Brookfield, WI 53045	bbergmann@trcsolutions.com

2. Site Information

Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence/vacant property. WisDOT NE Corner of USH 45 and 84th Street

Location: Include street address, not PO Box. If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60. 8335 200th Avenue

Municipality: (City, Village, Township) Specify municipality in which the site is located, not mailing address/city.
Town of Bristol

County:	Legal Description:	WTM:
Kenosha	SW 1/4 SW 1/4 Sec 8 Tn 1N Range 21 (•) E ( ) W	X 680055 Y 233394

3. Responsible Party (RP) and/or RP Representative

Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary.

Wisconsin DOT

- [ ] Reported in compliance with s. 292.11(2), Wis. Stats., by a local government exempt from liability under s. 292.11(9)(e), Wis. Stats. For more information see http://dnr.wi.gov/org/aw/rr/lgu/liability.htm.

Contact Person Name (if different)	Phone Number	Email Address
Sharlene TeBeest	(608) 266-1476	Sharlene.TeBeest@dot.wi.gov

Mailing Address	City	State	ZIP Code
4802 Sheboygan Ave., Room 451	Madison	WI	53705

Property owner if Different From RP: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary.

Contact Person Name (if different)	Phone Number	Email Address

Mailing Address	City	State	ZIP Code

(continued)

State of Wisconsin
Department of Natural Resources
dnr.wi.gov

Notification For Hazardous Substance Discharge (Non-Emergency Only)

4. Hazardous Substance Information

Identify hazardous substance discharged (check all that apply):

- ☐ VOC's
- ☐ PAH's
- ☐ Metals (specify): _____
- ☐ Arsenic
- ☐ Chromium
- ☐ Cyanide
- ☐ Lead
- ☐ PCB's
- ☐ Diesel
- ☐ Fuel Oil
- ☐ Gasoline
- ☐ Hydraulic Oil
- ☐ Jet Fuel
- ☐ Mineral Oil
- ☐ Waste Oil
- ☒ Petroleum-Unknown Type
- ☐ PERC (Dry Cleaners)
- ☐ RCRA Hazardous Waste
- ☐ Leachate
- ☐ Fertilizer
- ☐ Pesticide/Herbicide/Insecticide(s)
- ☐ Other (specify): _____
- ☐ Unknown

5. Impacts to the Environment Information

Enter "K" for known/confirmed or "P" for potential for all that apply.

- ___ Air Contamination
- ___ Co-Contamination (Petroleum & Non-Petroleum)
- ___ Contamination Within 1 Meter of Bedrock
- ___ Contaminated Private Well
- ___ Contaminated Public Well
- ___ Contamination in Fractured Bedrock
- ___ Sanitary Sewer Contamination
- K Contamination in Right of Way
- ___ Fire Explosion Threat
- ___ Free Product
- P Groundwater Contamination
- ___ Off-Site Contamination
- ___ Other (specify): _____
- K Soil Contamination
- ___ Storm Sewer Contamination
- ___ Surface Water Contamination
- ___ Within 100 ft of Private Well
- ___ Within 1000 ft of Public Well

Contamination was discovered as a result of:

☐ Tank closure assessment Date _____
☐ Site assessment Date _____
☒ Other - Describe: WisDOT Phase 3 Investigation Date 04/24/2013

Lab results: ☐ Lab results will be faxed upon receipt ☒ Lab results are attached

Additional Comments: Include a brief description of immediate actions taken to halt the release and contain or cleanup hazardous substances that have been discharged.

6. Federal Energy Act Requirements (Section 9002(d) of the Solid Waste Disposal Act (SWDA))

For all confirmed releases from UST's occurring after 9/30/2007 please provide the following information:

☒ Does not apply.

Source

- ☐ Tank
- ☐ Piping
- ☐ Dispenser
- ☐ Submersible Turbine Pump
- ☐ Delivery Problem
- ☐ Other (specify): _____

Cause

- ☐ Spill
- ☐ Overfill
- ☐ Corrosion
- ☐ Physical or Mechanical Damage
- ☐ Installation Problem
- ☐ Other (does not fit any of above)
- ☐ Unknown

Contact information to report non-emergency releases in DNR's five regions are as follows:

Northeast Region (FAX: 920-662-5197); Attention -- R&R Program Associate: DNRRRNER@wisconsin.gov

Brown, Calumet, Door, Fond du Lac **(except City of Waupun - see South Central Region)**, Green Lake, Kewaunee, Manitowoc, Marinette, Marquette, Menominee, Oconto, Outagamie, Shawano, Sheboygan, Waupaca, Waushara, Winnebago counties

Northern Region (FAX: 715-623-6773); Attention -- R&R Program Associate: DNRRRNOR@wisconsin.gov

Ashland, Barron, Bayfield, Burnett, Douglas, Forest, Florence, Iron, Langlade, Lincoln, Oneida, Polk, Price, Rusk, Sawyer, Taylor, Vilas, Washburn counties

South Central Region (FAX: 608-273-5610); Attention -- R&R Program Associate: DNRRRSCR@wisconsin.gov

Columbia, Dane, Dodge, Fond du Lac **(City of Waupun only)**, Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock, Sauk, Walworth counties

Southeast Region (FAX: 414-263-8550); Attention -- R&R Program Associate: DNRRRSER@wisconsin.gov

Kenosha, Milwaukee, Ozaukee, Racine, Washington, Waukesha counties

West Central Region (FAX: 715-839-6076); Attention -- R&R Program Associate: DNRRRWCR@wisconsin.gov

Adams, Buffalo, Chippewa, Clark, Crawford, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood counties