09-44-576399

Sager, John E - DNR

From: Sager, John E - DNR
Sent: Tuesday, December 01, 2015 16:10
To: Robinson, John H - DNR (John.Robinson@wisconsin.gov); Saari, Christopher A - DNR (Christopher.Saari@Wisconsin.gov); Pauli, Mark D - DNR
Subject: Lake Tomahawk Mini Mart 01-44-576399 Closure Committee Package
Attachments: 01-44-576399 Lake Tomahawk Mini Mart Assessment.pdf; 01-44-576399 Lake Tomahawk Mini Mart Closure Form.pdf; Lake Tomahawk Mini Mart Closure Committee memo.docx

Hi all,

Attached is a copy of a UST assessment and NAR memo for the Lake Tomahawk Mini Mart for the closure committee meeting.

Thank you.

We are committed to service excellence.
Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

John Sager
Hydrogeologist – Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
1701 N. 4th St.
Superior, WI 54880
Phone: (715) 392-7822
Fax: (715) 392-7993
john.sager@wisconsin.gov

dnr.wi.gov

09-44-576399

State of Wisconsin

CORRESPONDENCE/MEMORANDUM

DATE: December 1, 2015 FILE REF:

TO: NOR Closure Committee

FROM: John Sager

SUBJECT: Lake Tomahawk Mini Mart, BRRTS ID 01-44-576399

GEI Consultants, Inc. conducted a UST assessment at the lake Tomahawk Mini Mart in October 2015. The assessment was for the removal of three USTs and associated piping and dispensers. 21 soil samples were collected during the site assessment. GEI consultants states no petroleum related impacts were observed during the assessment. PVOCs and naphthalene were not detected in any of the soil samples.

Based on the information presented by GEI Consultants, Inc. I recommend no additional action be required at this time at the Lake Tomahawk Mini Mart Site associated with the removal of the UST system.

09-44-576399

TR-WM-140 (04/15)
Formerly ERS-8951 (R. 07/13)

Wisconsin Department of Agriculture, Trade and Consumer Protection
Bureau of Weights and Measures, Permits and Licensing
P.O. Box 7837
Madison, WI 53707-7837
(608) 224-4942

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Wis. Admin. Code §ATCP 93.560

TANK SYSTEM SERVICE AND CLOSURE ASSESSMENT REPORT

CHECK ONE: ☒ UNDERGROUND ☐ ABOVEGROUND

FOR PORTIONS OF THE FORM THAT DO NOT APPLY, CHECK THE 'N/A' BOX

Complete One Form for Each System Service Event

The information you provide may be used for purposes other than for which it was originally intended (s.15.04 (1) (m), Wis. Stats.).

Part A – To be completed by contractor performing repair or closure

A. TYPE OF SERVICE ☒ CLOSURE ☐ REPAIR/UPGRADE ☐ CHANGE-IN-SERVICE
Indicate portion of system being serviced if a repair, upgrade or change-in-service is being performed
☐ Remote fill ☐ Tank ☐ Piping ☐ Transition/containment sump ☐ Spill bucket ☐ Dispenser

B. IDENTIFICATION (Please Print)

1. Facility Name: Lake Tomahawk Mini Mart	2. Owner Name: Arora Gas LLC
Facility Street Address (not P.O. Box): 7205 State Highway 47	3. Contact Name: James Moser — Job Title: WDNR
Municipality: Lake Tomahawk	Mailing Address: PO Box 235
☐ City ☐ Village ☒ Town of: Lake Tomahawk	Post Office: Lake Tomahawk — State: WI — Zip Code: 54539
Zip Code: 54539 — County: Oneida	County: Oneida — Telephone No. (include area code): (715) 892-2886
4. Primary Service Contractor Section A above: Environmental Services Plus	Service Contractor Street Address: W1734 KenDale Drive PO Box 187
Service Contractor Telephone No. (include area code): (920) 766-6756	Service Contractor City, State, Zip Code: Kaukauna, WI. 54130

C. TANK SYSTEM DETAIL (Complete for all service activities)

a	b	c	d	e	f	g		h	
Tank ID #	Type of Closure[1]	Tank Material of Construction	Piping Material of Construction	Tank Capacity (gallons)	Contents[2]	Release - System Integrity Compromised (e.g. holes, cracks, loose connection, etc)?		If "Yes" to "g", Then Specify Source & Cause of Release[3]	
								Source of Release[3]	Cause of Release[4]
313234	p	coated steel	fiberglass	6,000	UL	☐ Y	☒ N		
313235	p	coated steel	fiberglass	6,000	UL	☐ Y	☒ N		
313236	p	coated steel	fiberglass	6,000	DL	☐ Y	☒ N		
						☐ Y	☐ N		
						☐ Y	☐ N		
						☐ Y	☐ N		

1. Indicate type of closure: P = Permanent, TOS = Temporarily Out-of-Service, CIP = Closure In-Place

2. Indicate type of product: DL = Diesel, LG = Leaded Gasoline, UG = Unleaded Gasoline, FO = Fuel Oil, GH = Gasohol, AF = Aviation Fuel, K = Kerosene, PX = Premix, WO = Waste/Used Motor Oil, FCHZW = Flammable/Combustible Hazardous Waste, OC = Other Chemical (indicate the chemical name(s):

CAS number(s):

3. Source of release: T = tank, P = piping, D = dispenser, STP = submersible turbine pump, DP = delivery problem, O = other, UNK = Unknown

4. Cause of release: S = spill, O = overfill, POMD = physical or mechanical damage, C = corrosion, IP = installation problem, O = other, UNK = Unknown

5. Has release been reported to the Department of Natural Resources? ☐ Yes ☐ No ☒ Release not evident at this time

Part A Distribution: DATCP DNR Inspector Contractor Owner

TR-WM-140 (04/15)
Formerly ERS-8951 (R. 07/13)

D. CLOSURES (Check applicable box at right in response to all statements in section D)

Written notification was provided to the local agent 5 days in advance of closure date. ☒ Y ☐ N

All local permits were obtained before beginning closure. ☒ Y ☐ N ☐ NA

☒ UST Form TR-WM-137 or ☐ AST Form TR-WM-118 filed by owner with the DATCP indicating closure. ☒ Y ☐ N ☐ NA

NOTE: TANK INVENTORY FORM TR-WM-137 or TR-WM-118 SIGNED BY THE OWNER MUST BE SUBMITTED WITH EACH CLOSURE or CHANGE-IN-SERVICE CHECKLIST

D.1 ☐ TEMPORARILY OUT-OF-SERVICE 1. Product removed.	Remover Verified	Inspector Verified	NA
a. Product lines drained into tank (or other container) and liquid removed, and	☐Y ☐N	☐Y ☐N	☒
b. All product removed to bottom of suction line, OR	☐Y ☐N	☐Y ☐N	☒
c. All product removed to within 1" of bottom.	☐Y ☐N	☐Y ☐N	☒
2. Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped.	☐Y ☐N	☐Y ☐N	☒
3. All product lines at the islands or pumps located elsewhere are removed and capped, OR	☐Y ☐N	☐Y ☐N	☒
4. Dispensers/pumps left in place but locked and power disconnected.	☐Y ☐N	☐Y ☐N	☒
5. Vent lines left open.	☐Y ☐N	☐Y ☐N	☒
6. Inventory form filed indicating temporarily out-of-service (TOS) closure.	☐Y ☐N	☐Y ☐N	☒
D.2. ☒ CLOSURE BY REMOVAL OR IN-PLACE			
1. General Requirements			
a. Product from piping drained into tank (or other container).	☒Y ☐N	☐Y ☐N	☐
b. Piping disconnected from tank and removed.	☒Y ☐N	☐Y ☐N	☐
c. All liquid and residue removed from tank using explosion-proof pumps or hand pumps.	☒Y ☐N	☐Y ☐N	☐
d. All pump motors and suction hoses bonded to tank or otherwise grounded.	☒Y ☐N	☐Y ☐N	☐
e. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	☒Y ☐N	☐Y ☐N	☐
f. Vent lines left connected until tanks purged.	☒Y ☐N	☐Y ☐N	☐
g. Tank openings temporarily plugged so vapors exit through vent.	☒Y ☐N	☐Y ☐N	☐
h. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E.	☒Y ☐N	☐Y ☐N	☐
2. Specific Closure-by-Removal Requirements			
a. Tank removed from excavation after **PURGING/INERTING**; placed on level ground and blocked to prevent movement.	☒Y ☐N	☐Y ☐N	☐
b. Tank cleaned before being removed from site.	☒Y ☐N	☐Y ☐N	☐
c. Tank labeled in 2" high letters after removal but before being moved from site.	☒Y ☐N	☐Y ☐N	☐
NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; DATE.			
d. Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site.	☐Y ☐N	☐Y ☐N	☒
e. Site security is provided while the excavation is open.	☒Y ☐N	☐Y ☐N	☐
3. Specific Closure-In-Place Requirements **NOTE: CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION (DATCP) OR LOCAL AGENT.**			
a. Tank properly cleaned to remove all sludge and residue.	☐Y ☐N	☐Y ☐N	☒
b. Solid inert material (sand, cyclone boiler slag, or pea gravel recommended) introduced and tank filled.	☐Y ☐N	☐Y ☐N	☒
c. Vent line disconnected or removed.	☐Y ☐N	☐Y ☐N	☒
d. Inventory form filed by owner with the DATCP indicating closure in-place.	☐Y ☐N	☐Y ☐N	☒

E. ☐ REPAIR, UPGRADE OR CHANGE-IN-SERVICE

Written notification was provided to the local agent 5 days in advance of service date. ☐ Y ☐ N ☒ NA

All local permits were obtained before beginning service. ☐ Y ☐ N ☒ NA

Form TR-WM-137 or ☐ TR-WM-118 filed by owner with the DATCP indicating change-in-service. ☐ Y ☐ N ☒ NA

F. METHOD OF VAPOR FREEING OF TANK

☒ Displacement of vapors by eductor or diffused air blower.
Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12 feet above ground.
Diffused air blower bonded and drop tube removed. Air pressure not exceeding 5 psig.

☐ Inert gas using dry ice or liquid carbon dioxide.

☐ Inert gas using CO_2 or N_2 **NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNCTION ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT.**
Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent.
Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.

☒ Readings of 10% or less of the lower flammable range (LEL) or 0% oxygen obtained before removing tank from ground.

☒ Tank atmosphere monitored for flammable or combustible vapor levels prior to and during cleaning and cutting.

☒ Calibrate combustible gas indicator and/or oxygen meter prior to use. Drop tube removed prior to checking atmosphere. Tank space monitored at bottom, middle and upper portion of tank.

G. REMOVER/CLEANER INFORMATION

Jesse F. Rose	Jesse F Rose	#41240	10/20/2015
Remover/Cleaner Name (print)	Remover/Cleaner Signature	Certification No.	Date Signed

I attest that the procedures and information which I have provided as the tank closure contractor are correct and comply with ATCP 93.

Company expected to perform soil contamination assessment: GEI Consultants GB-wi

H. INSPECTOR INFORMATION

	NO - Inspector @ Site		
Inspector Name (print)	Inspector Signature	Inspector Cert #	LPO Agency #:

FDID # For Location Where Inspection Performed	Inspector Telephone Number	Date Signed

Distribution: DATCP DNR Inspector Contractor Owner

TR-WM-137 (04/15)
Formerly ERS 7437 (R. 03/13)

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Wis. Admin. Code §ATCP 93.140

UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. A separate form is needed for each tank. Send each completed form to the agency designated above. Have you previously registered this tank by submitting a form? ☒ Yes ☐ No
If yes, are you correcting/updating information only? ☒ Yes ☐ No
Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04 (1)(m) Wis. Stats.)

This registration applies to a tank status that is (check one):
☐ In Use ☒ Closed - Tank Removed ☐ Ownership Change (indicate new owner name in block 2—attach deed)
☐ Newly Installed ☐ Closed - Filled with Inert Materials
☐ Abandoned with Product ☐ Abandon with Water
☐ Abandoned without Product (empty) ☐ Temporarily Out of Service - Provide Date: _____

Fire Department providing fire coverage where tank is located:
☐ City ☐ Village ☒ Town: FDID #4307 Lake Tomahawk

A. IDENTIFICATION (Please Print)

1. Tank Site Name	Site Street Address	Site Telephone Number
Lake Tomahawk Mini Mart	7205 State Highway 47	( ) N/A
☐ City ☐ Village ☒ Town: Lake Tomahawk	State WISCONSIN / Zip Code 54539	County Oneida
2. Tank Owner Legal Name: Arora Gas LLC	Mailing Address: PO Box 235	Telephone Number: (715) 892-2881
☐ City ☐ Village ☒ Town: Lake Tomahawk	State: Wisconsin / Zip Code: 54539	County: Oneida
3. Property Owner Name (if different than tank owner)	Property Owner Address if different than #1	
4. Class A Operator Name	DOB / Training Method / Certification #	
5. Class B Operator Name	DOB / Training Method / Certification #	

B. Site ID #: Facility ID #: 101534 Customer ID #: 996521

C. Tank Capacity (gallons): 6,000 Tank Age (age or date installed): 05/02/1989 Vehicle fueling: ☒ Yes ☐ No

D. LAND OWNER TYPE (check one) Refer to back
☐ County ☐ State ☐ Federal Leased ☐ Federal Owned ☐ Tribal Nation ☐ Municipal ☐ Other Government ☒ Private

E. OCCUPANCY TYPE (check one) Refer to back
☒ Retail Fuel Sales ☐ Bulk Storage ☐ Terminal Storage ☐ Mercantile/Commercial ☐ Industrial ☐ Residential ☐ School
☐ Agricultural (crop or livestock production) ☐ Backup or Emergency Generator ☐ Gov't Fleet ☐ Utility ☐ Other (specify:)

F. Tank Construction:
☐ Bare Steel ☒ Coated Steel ☐ Stainless steel ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Fiberglass ☐ Unknown ☐ Other (specify): _____ ☐ Lined (date): _____
Overfill Protection? ☒ Yes ☐ No
Spill Containment? ☒ Yes ☐ No

G. Tank Cathodic Protection: ☒ Sacrificial Anodes ☐ Impressed Current ☐ N/A
Tank Double Walled? ☐ Yes ☒ No

H. Primary Tank Leak Detection Method:
☒ Automatic tank gauging ☐ Interstitial monitoring ⇨ Electronic: ☐ Yes ☐ No ☐ Inventory control and tightness testing
☐ Manual tank gauging (only for tanks of 1,000 gallons or less) ☐ Statistical Inventory Reconciliation (SIR) ☐ Unknown

I. Piping Construction:
☐ Bare Steel ☐ Coated Steel ☐ Stainless Steel ☒ Fiberglass ☐ Flexible ☐ Copper ☐ Unknown ☐ NA ☐ Other _____

J. Piping Cathodic Protection: ☐ Sacrificial Anodes ☐ Impressed Current ☐ N/A
Pipe Double Walled? ☐ Yes ☒ No

K. Primary Piping System Type: ☒ Pressurized piping with ⇨ A. ☐ Pump auto shutoff - ELLD; B. ☒ flow restrictor – MLLD ☐ Unknown
☐ Suction piping with check valve at tank ☐ Suction piping with check valve at pump and inspectable ☐ Not needed if waste oil

L. Piping Leak Detection Method: ☐ Interstitial monitoring ⇨ Electronic: ☐ NO ☐ YES ⇨ Sump or cable sensor ☐ Yes ☐ No
☒ Tightness testing ☐ Electronic line monitor - ELLD ☐ SIR ☐ Not required ☐ Unknown

M. TANK CONTENTS (Current, or previous product (if tank now empty))
☐ Leaded ☒ Unleaded ☐ Gasohol ☐ E85 ☐ Diesel ☐ Bio-diesel ☐ Aviation ☐ Premix ☐ Fuel Oil ☐ Kerosene ☐ Unknown
☐ New Oil ☐ New oil – Low FP ☐ Waste/Used Motor Oil ☐ Hazardous Waste/Interface* ☐ Empty* ☐ Sand/Gravel/Slurry*
☐ Other (specify): _____ ☐ Chemical* Name _____ CAS #: _____

* NOT PECFA eligible.

N. If Tank Closed, Abandoned or Out of Service
Give date (mo/day/yr): 10/20/2015

Geo Latitude: N45.813200 Geo Longitude: W 89.592526
Has a site assessment been completed? (see reverse side for details) ☒ Yes ☐ No

Tank Owner Legal Name (please print): GURMEET S. ARORA
E-mail Address:

Tank Owner Signature (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.) Date: 10-20-15

Note: Refer to comments on reverse side of form.

TR-WM-137 (04/15)
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Wis. Admin. Code §ATCP 93.140

UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. A separate form is needed for each tank. Send each completed form to the agency designated above. Have you previously registered this tank by submitting a form? ☒ Yes ☐ No
If yes, are you correcting/updating information only? ☒ Yes ☐ No
Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04 (1)(m) Wis. Stats.)

This registration applies to a tank status that is (check one):
☐ In Use ☒ Closed - Tank Removed ☐ Ownership Change (indicate new owner name in block 2—attach deed)
☐ Newly Installed ☐ Closed - Filled with Inert Materials
☐ Abandoned with Product ☐ Abandon with Water
☐ Abandoned without Product (empty) ☐ Temporarily Out of Service - Provide Date: _____

Fire Department providing fire coverage where tank is located:
☐ City ☐ Village ☒ Town: FDID #4307 Lake Tomahawk

A. IDENTIFICATION (Please Print)

1. Tank Site Name	Site Street Address	Site Telephone Number
Lake Tomahawk Mini Mart	7205 State Highway 47	( ) N/A
☐ City ☐ Village ☒ Town: Lake Tomahawk	State WISCONSIN / Zip Code 54539	County Oneida
2. Tank Owner Legal Name: Arora Gas LLC	Mailing Address: PO Box 235	Telephone Number: (715) 892-2882
☐ City ☐ Village ☒ Town: Lake Tomahawk	State: Wisconsin / Zip Code: 54539	County: Oneida
3. Property Owner Name (if different than tank owner)	Property Owner Address if different than #1	
4. Class A Operator Name	DOB / Training Method / Certification #	
5. Class B Operator Name	DOB / Training Method / Certification #	

B. Site ID #: Facility ID #: 101534 Customer ID #: 996521

C. Tank Capacity (gallons): 6,000 Tank Age (age or date installed): 05/02/1989 Vehicle fueling: ☒ Yes ☐ No

D. LAND OWNER TYPE (check one) Refer to back
☐ County ☐ State ☐ Federal Leased ☐ Federal Owned ☐ Tribal Nation ☐ Municipal ☐ Other Government ☒ Private

E. OCCUPANCY TYPE (check one) Refer to back
☒ Retail Fuel Sales ☐ Bulk Storage ☐ Terminal Storage ☐ Mercantile/Commercial ☐ Industrial ☐ Residential ☐ School
☐ Agricultural (crop or livestock production) ☐ Backup or Emergency Generator ☐ Gov't Fleet ☐ Utility ☐ Other (specify:)

F. Tank Construction:
☐ Bare Steel ☒ Coated Steel ☐ Stainless steel ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Fiberglass ☐ Unknown ☐ Other (specify): _____ ☐ Lined (date): _____
Overfill Protection? ☒ Yes ☐ No
Spill Containment? ☒ Yes ☐ No

G. Tank Cathodic Protection: ☒ Sacrificial Anodes ☐ Impressed Current ☐ N/A
Tank Double Walled? ☐ Yes ☒ No

H. Primary Tank Leak Detection Method:
☒ Automatic tank gauging ☐ Interstitial monitoring ⇨ Electronic: ☐ Yes ☐ No ☐ Inventory control and tightness testing
☐ Manual tank gauging (only for tanks of 1,000 gallons or less) ☐ Statistical Inventory Reconciliation (SIR) ☐ Unknown

I. Piping Construction:
☐ Bare Steel ☐ Coated Steel ☐ Stainless Steel ☒ Fiberglass ☐ Flexible ☐ Copper ☐ Unknown ☐ NA ☐ Other _____

J. Piping Cathodic Protection: ☐ Sacrificial Anodes ☐ Impressed Current ☐ N/A
Pipe Double Walled? ☐ Yes ☒ No

K. Primary Piping System Type: ☒ Pressurized piping with ⇨ A. ☐ Pump auto shutoff - ELLD; B. ☒ flow restrictor – MLLD ☐ Unknown
☐ Suction piping with check valve at tank ☐ Suction piping with check valve at pump and inspectable ☐ Not needed if waste oil

L. Piping Leak Detection Method: ☐ Interstitial monitoring ⇨ Electronic: ☐ NO ☐ YES ⇨ Sump or cable sensor ☐ Yes ☐ No
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M. TANK CONTENTS (Current, or previous product (if tank now empty))
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☐ New Oil ☐ New oil – Low FP ☐ Waste/Used Motor Oil ☐ Hazardous Waste/Interface* ☐ Empty* ☐ Sand/Gravel/Slurry*

☐ Other (specify): _____ ☐ Chemical* Name _____ CAS #: _____

* NOT PECFA eligible.

Geo Latitude: N45.813200 Geo Longitude: W89.592472
Has a site assessment been completed? (see reverse side for details) ☒ Yes ☐ No

N. If Tank Closed, Abandoned or Out of Service
Give date (mo/day/yr): 10/20/2015

Tank Owner Legal Name (please print): GURMEET S. ARORA
E-mail Address

Tank Owner Signature (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.) Date: 10-20-15

Note: Refer to comments on reverse side of form.

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☐ City ☐ Village ☒ Town: Lake Tomahawk	State WISCONSIN / Zip Code 54539	County Oneida
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☐ City ☐ Village ☒ Town: Lake Tomahawk	State: Wisconsin / Zip Code: 54539	County: Oneida
3. Property Owner Name (if different than tank owner)	Property Owner Address if different than #1	
4. Class A Operator Name	DOB / Training Method / Certification #	
5. Class B Operator Name	DOB / Training Method / Certification #	

B. Site ID #: Facility ID #: 101534 Customer ID #: 996521

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D. LAND OWNER TYPE (check one) Refer to back
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E. OCCUPANCY TYPE (check one) Refer to back
☒ Retail Fuel Sales ☐ Bulk Storage ☐ Terminal Storage ☐ Mercantile/Commercial ☐ Industrial ☐ Residential ☐ School
☐ Agricultural (crop or livestock production) ☐ Backup or Emergency Generator ☐ Gov't Fleet ☐ Utility ☐ Other (specify:)

F. Tank Construction:
☐ Bare Steel ☒ Coated Steel ☐ Stainless steel ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Fiberglass ☐ Unknown ☐ Other (specify): _____ ☐ Lined (date): _____
Overfill Protection? ☒ Yes ☐ No
Spill Containment? ☒ Yes ☐ No

G. Tank Cathodic Protection: ☒ Sacrificial Anodes ☐ Impressed Current ☐ N/A
Tank Double Walled? ☐ Yes ☒ No

H. Primary Tank Leak Detection Method:
☒ Automatic tank gauging ☐ Interstitial monitoring ⇨ Electronic: ☐ Yes ☐ No ☐ Inventory control and tightness testing
☐ Manual tank gauging (only for tanks of 1,000 gallons or less) ☐ Statistical Inventory Reconciliation (SIR) ☐ Unknown

I. Piping Construction:
☐ Bare Steel ☐ Coated Steel ☐ Stainless Steel ☒ Fiberglass ☐ Flexible ☐ Copper ☐ Unknown ☐ NA ☐ Other _____

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☐ Suction piping with check valve at tank ☐ Suction piping with check valve at pump and inspectable ☐ Not needed if waste oil

L. Piping Leak Detection Method: ☐ Interstitial monitoring ⇨ Electronic: ☐ NO ☐ YES ⇨ Sump or cable sensor ☐ Yes ☐ No
☒ Tightness testing ☐ Electronic line monitor - ELLD ☐ SIR ☐ Not required ☐ Unknown

M. TANK CONTENTS (Current, or previous product (if tank now empty))
☐ Leaded ☐ Unleaded ☐ Gasohol ☐ E85 ☒ Diesel ☐ Bio-diesel ☐ Aviation ☐ Premix ☐ Fuel Oil ☐ Kerosene ☐ Unknown
☐ New Oil ☐ New oil – Low FP ☐ Waste/Used Motor Oil ☐ Hazardous Waste/Interface* ☐ Empty* ☐ Sand/Gravel/Slurry*

☐ Other (specify): _____ ☐ Chemical* Name _____ CAS #: _____

* NOT PECFA eligible.

N. If Tank Closed, Abandoned or Out of Service
Give date (mo/day/yr): 10/2/2015

Geo Latitude: N 45.813200 Geo Longitude: W 89.592442
Has a site assessment been completed? (see reverse side for details) ☒ Yes ☐ No

Tank Owner Legal Name (please print): GURMEET S. ARORA

E-mail Address:

Tank Owner Signature (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.)

Date: 10.20.15

Note: Refer to comments on reverse side of form.

Part B – To be completed by environmental professional

Submit original Part B to the WDNR along with a copy of Part A

I. TANK-SYSTEM SITE ASSESSMENT (TSSA)

Site Name: Lake Tomahawk Minimart

Address: 7205 STH 47, Lake Tomahawk, WI

Note: Site name and address must match with Part A Section 1.

To determine if a TSSA is required, see SPS 310 and section II part B of *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.*

If a TSSA is required, then follow the procedures detailed in *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.*

ORIGINAL

1. Site Information

a. Has there been a previously documented release at this site? ☐ Y ☒ N Closed spill in 2009

If yes, provide the PECFA # _____, or DNR BRRT's # _____.

b. Number of active tanks[1] at facility prior to completion of current services USTs 3 ASTs _____.

(NOTE 1: Do not include previously closed systems or system components.)

c. Excavation/trench dimensions (in feet). (Photos must be provided.)

EXCAVATION/TRENCH #	LENGTH	WIDTH	DEPTH
UST Trench	Approx. 30 ft.	Approx. 20 ft	12 ft

2. Visual Excavation/Trench Inspection (Photos must be provided for "Yes" responses, except item b.)

Do any of the following conditions exist in or about the excavation(s)?

a. Stained soils: ☐ Y ☒ N b. Petroleum odor: ☐ Y ☒ N c. Water in excavation/trench: ☐ Y ☒ N

d. Free product in the excavation/trench: ☐ Y ☒ N e. Sheen or free product on water: ☐ Y ☒ N

3. Geology/Hydrogeology

a. Depth to groundwater >13 feet b. Indicate type of geology[2] S

(Note 2: Use these symbols individually or in combination as appropriate: C = Clay, SLT = Silt, S = Sand, Gr = Gravel)

4. Receptors

a. Water supply well(s) within 250 feet of the facility? ☒ Y ☐ N If yes, specify Potable well on-site

b. Surface water(s) within 1000 feet of the facility? ☒ Y ☐ N If yes, specify Tomahawk Lake

5. Sampling

a. Follow the procedures detailed in *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.*

b. Complete Tables 1 and 2 as appropriate. (Attach chain-of-custody and laboratory analytical reports.)

c. Attach a detailed map of site features and sample locations.

J. NOTE RELEVANT OBSERVATIONS, SPECIFIC PROBLEMS OR CONCERNS BELOW

Did not observe petroleum-related impacts in the subsurface.
Soils consisted of fine to medium sands.
No groundwater was observed in UST excavation.

TABLE 1 SOIL FIELD SCREENING & GRO/DRO LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	Sample Location & Soil/Geologic Description	Sample Collection Method				Depth Below Tank/Piping (feet)	Field Screening Result (ppm)	
		Grab	Shelby Tube	Direct Push	Split Spoon			
1-21	Brown fine to med. sand	☒	☐	☐	☐	see Figure 1	See Figure 1	
		☐	☐	☐	☐			
		☐	☐	☐	☐			
		☐	☐	☐	☐			
		☐	☐	☐	☐			
		☐	☐	☐	☐			
		☐	☐	☐	☐			
		☐	☐	☐	☐			
		☐	☐	☐	☐			
		☐	☐	☐	☐			
		☐	☐	☐	☐			
		☐	☐	☐	☐			
		☐	☐	☐	☐			
		☐	☐	☐	☐			

TABLE 2 SOIL LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	BENZENE	TOLUENE	ETHYLBENZENE	MTBE	TRIMETHYL - BENZENES (TOTAL)	XYLENES (TOTAL)	NAPHTHALENE	CHLORINATED SOLVENTS
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
1-21 →	see attached table –			no detectable		PVOC: or Naphthalene		

K. TANK-SYSTEM SITE ASSESSMENT INFORMATION

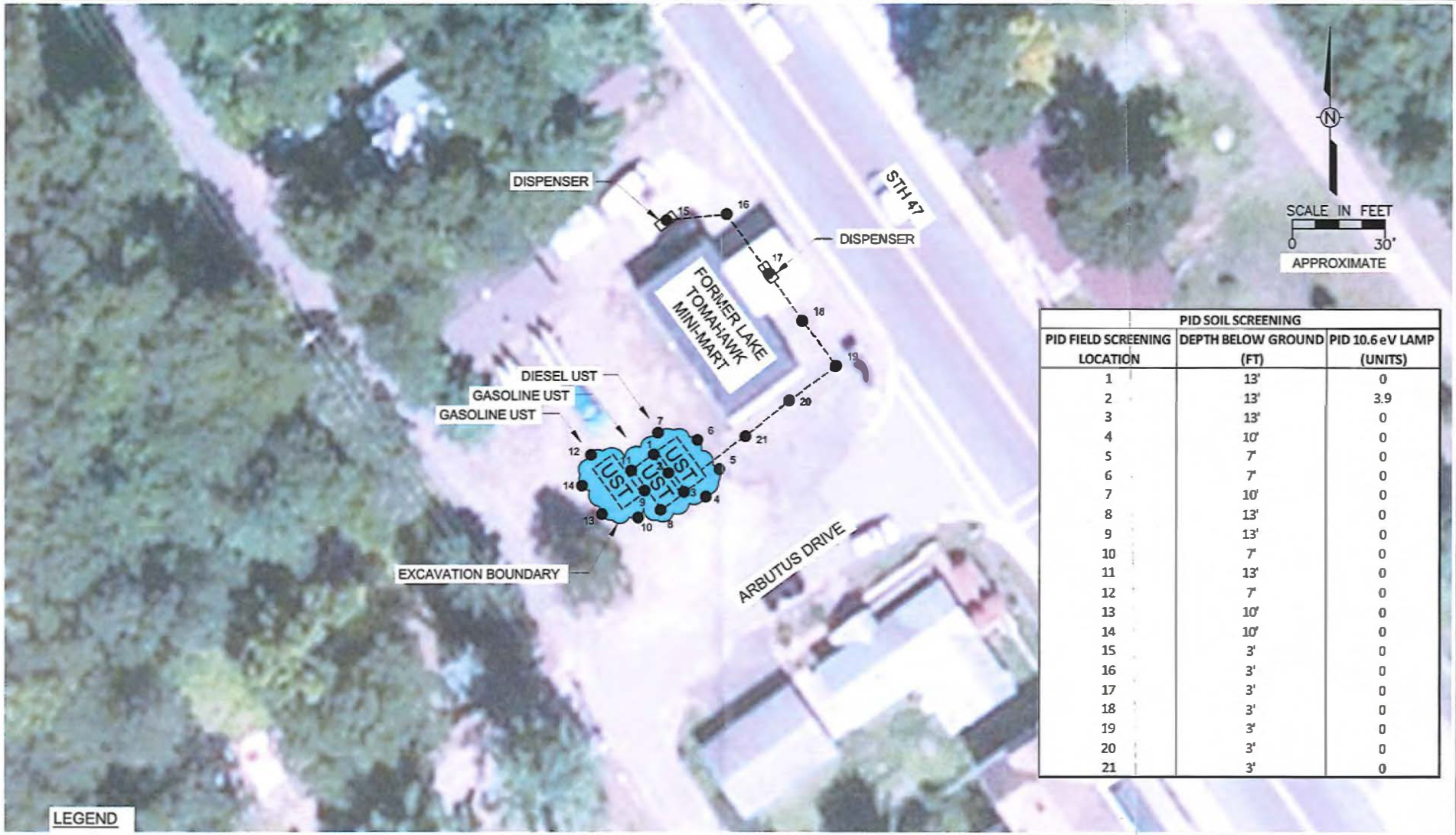
☒ As a tank-system site assessor certified under Wis. Admin. Code section SPS 305.83, it is my opinion that there is no indication of a release of a regulated substance to the environment.

☐ Sampling at the site indicates there has been a release to the environment. Pursuant to Wis. Admin. Code section SPS 310.585 (2) (a) and Wis. Stats. section 292.11 (2) (a), the owner or operator or contractor performing work under chapter SPS 310 shall immediately report any release of a regulated substance to the Wisconsin Department of Natural Resources. Failure to do so may result in forfeitures of a minimum of $10 and a maximum of $5000 for each violation under Wis. Stats. section 101.09 (5). Each day of continued violation and each tank are treated as separate offenses.

Paul M. Garvey	Paul M. Garvey	41953
Tank-System Site Assessor Name (print)	Tank-System Site Assessor Signature	Certification Number #
920.883.1710	11/2/2015	GEI Consultants, Inc.
Tank-System Site Assessor Telephone Number	Date Signed	Company Name

TABLE 2 SOIL LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS
LAKE TOMAHAWK MINI-MART

SAMPLE ID #	DEPTH (FT)	BENZENE	TOLUENE	ETHYLBENZENE	MTBE	TRIMETHYL-BENZENES (TOTAL)	XYLENES (TOTAL)	NAPHTHALENE
		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
S-1	-13	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
S-2	-13	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
S-3	-13	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
S-4	-10	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
S-5	-7	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
S-6	-7	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
S-7	-10	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
S-8	-13	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
S-9	-13	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
S-10	-7	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
S-11	-13	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
S-12	-7	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
S-13	-10	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
S-14	-10	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
S-15	-3	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
S-16	-3	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
S-17	-3	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
S-18	-3	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
S-19	-3	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
S-20	-3	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
S-21	-3	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0



PID SOIL SCREENING		
PID FIELD SCREENING LOCATION	DEPTH BELOW GROUND (FT)	PID 10.6 eV LAMP (UNITS)
1	13'	0
2	13'	3.9
3	13'	0
4	10'	0
5	7'	0
6	7'	0
7	10'	0
8	13'	0
9	13'	0
10	7'	0
11	13'	0
12	7'	0
13	10'	0
14	10'	0
15	3'	0
16	3'	0
17	3'	0
18	3'	0
19	3'	0
20	3'	0
21	3'	0

LEGEND

- SOIL SAMPLE AND PID SCREENING LOCATION
- UST — 6,000 GALLON CAPACITY UNDERGROUND STORAGE TANK (UST)
- APPROXIMATE SOIL EXCAVATION LOCATION

AJG Meadows, LLC.
Two Pierce Place
Itasca, Illinois

GEI Consultants

Site Diagram and
Soil Sample Locations
Lake Tomahawk Mini-Mart
7205 STH 47
Lake Tomahawk, Wisconsin

Project 1514190 | October 2015 | Fig. 1

J:\2015\1514190 - AJG Mini Mart & CH Walentonski\dwg\1514190001 lake tomahawk mini mart&ch walentonski

PHOTOGRAPHIC LOG

PHOTOGRAPH NO: 1	DATE: 20-Oct-2015	PROJECT NO: 1514200	CLIENT: Environmental Services Plus
DIRECTION: S	SITE LOCATION: Lake Tomahawk Minimart, 7205 STH 47, Lake Tomahawk, WI		
DESCRIPTION: Looking south toward the UST area excavation toward the southwest portion of the Minimart property.			

PHOTOGRAPH NO: 2	DATE: 20-Oct-2015	PROJECT NO: 1514200	CLIENT: Environmental Services Plus
DIRECTION: SW	SITE LOCATION: Lake Tomahawk Minimart, 7205 STH 47, Lake Tomahawk, WI		
DESCRIPTION: Looking southwest toward the pump island removal areas (west of the structure and under the canopy).			

PHOTOGRAPHIC LOG

PHOTOGRAPH NO: 3	DATE: 20-Oct-2015	PROJECT NO: 1514200	CLIENT: Environmental Services Plus
DIRECTION: N	SITE LOCATION: Lake Tomahawk Minimart, 7205 STH 47, Lake Tomahawk, WI		
DESCRIPTION: Uncovering the three 6000-gallon capacity USTs (looking north).			

PHOTOGRAPH NO: 4	DATE: 20-Oct-2015	PROJECT NO: 1514200	CLIENT: Environmental Services Plus
DIRECTION: East	SITE LOCATION: Lake Tomahawk Minimart, 7205 STH 47, Lake Tomahawk, WI		
DESCRIPTION: Excavation of the northern most UST.			

PHOTOGRAPHIC LOG

PHOTOGRAPH NO: 5	DATE: 20-Oct-2015	PROJECT NO: 1514200	CLIENT: Environmental Services Plus
DIRECTION: E	SITE LOCATION: Lake Tomahawk Minimart, 7205 STH 47, Lake Tomahawk, WI		
DESCRIPTION: Looking into UST excavation. No groundwater was observed at the 12-13 foot depth. No staining or odors were observed.			

PHOTOGRAPH NO: 6	DATE: 20-Oct-2015	PROJECT NO: 1514200	CLIENT: Environmental Services Plus
DIRECTION: SE	SITE LOCATION: Lake Tomahawk Minimart, 7205 STH 47, Lake Tomahawk, WI		
DESCRIPTION: Looking southeast at the excavation for the southern most UST.			

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

October 28, 2015

Paul Garvey
GEI Consultants, Inc.
3159 Voyager Drive
Green Bay, WI 54311

RE: Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Dear Paul Garvey:
Enclosed are the analytical results for sample(s) received by the laboratory on October 22, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Christopher Hyska

Christopher Hyska
christopher.hyska@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
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CERTIFICATIONS

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
Virginia VELAP ID: 460263
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Virginia VELAP ID: 460263
Virginia VELAP Certification ID: 460263
Wisconsin Certification #: 405132750

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SAMPLE SUMMARY

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40123351001	S-1, -13'	Solid	10/20/15 12:50	10/22/15 10:32
40123351002	S-2, -13'	Solid	10/20/15 12:45	10/22/15 10:32
40123351003	S-3, -13'	Solid	10/20/15 12:40	10/22/15 10:32
40123351004	S-4, -10'	Solid	10/20/15 12:20	10/22/15 10:32
40123351005	S-5, -7'	Solid	10/20/15 12:25	10/22/15 10:32
40123351006	S-6, -7'	Solid	10/20/15 12:35	10/22/15 10:32
40123351007	S-7, -10'	Solid	10/20/15 12:30	10/22/15 10:32
40123351008	S-8, -13'	Solid	10/20/15 13:20	10/22/15 10:32
40123351009	S-9, -13'	Solid	10/20/15 13:25	10/22/15 10:32
40123351010	S-10, -7'	Solid	10/20/15 13:15	10/22/15 10:32
40123351011	S-11, -13'	Solid	10/20/15 13:30	10/22/15 10:32
40123351012	S-12, -7'	Solid	10/20/15 13:40	10/22/15 10:32
40123351013	S-13, -10'	Solid	10/20/15 14:40	10/22/15 10:32
40123351014	S-14, -10'	Solid	10/20/15 14:45	10/22/15 10:32
40123351015	S-15, -3'	Solid	10/20/15 14:50	10/22/15 10:32
40123351016	S-16, -3'	Solid	10/20/15 14:55	10/22/15 10:32
40123351017	S-17, -3'	Solid	10/20/15 15:00	10/22/15 10:32
40123351018	S-18, -3'	Solid	10/20/15 15:05	10/22/15 10:32
40123351019	S-19, -3'	Solid	10/20/15 15:10	10/22/15 10:32
40123351020	S-20, -3'	Solid	10/20/15 15:15	10/22/15 10:32
40123351021	S-21, -3'	Solid	10/20/15 15:20	10/22/15 10:32

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SAMPLE ANALYTE COUNT

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40123351001	S-1, -13'	WI MOD GRO	LCF	10	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40123351002	S-2, -13'	WI MOD GRO	LCF	10	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40123351003	S-3, -13'	WIMOD GRO	LCF	10	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40123351004	S-4, -10'	WI MODGRO	LCF	10	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40123351005	S-5, -7'	WI MOD GRO	LCF	10	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40123351006	S-6, -7'	WI MODGRO	LCF	10	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40123351007	S-7, -10'	WI MOD GRO	LCF	10	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40123351008	S-8, -13'	WI MODGRO	LCF	10	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40123351009	S-9, -13'	WI MOD GRO	LCF	10	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40123351010	S-10, -7'	WI MODGRO	LCF	10	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40123351011	S-11, -13'	WI MODGRO	LCF	10	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40123351012	S-12, -7'	WI MODGRO	LCF	10	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40123351013	S-13, -10'	WI MODGRO	LCF	10	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40123351014	S-14, -10'	WI MOD GRO	LCF	10	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40123351015	S-15, -3'	WI MODGRO	LCF	10	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40123351016	S-16, -3'	WI MOD GRO	LCF	10	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40123351017	S-17, -3'	WI MOD GRO	LCF	10	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40123351018	S-18, -3'	WI MODGRO	LCF	10	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40123351019	S-19, -3'	WI MOD GRO	LCF	10	PASI-G

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SAMPLE ANALYTE COUNT

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		ASTM D2974-87	KTS	1	PASI-G
40123351020	S-20, -3'	WI MOD GRO	LCF	10	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40123351021	S-21, -3'	WI MOD GRO	PMS	10	PASI-G
		ASTM D2974-87	KTS	1	PASI-G

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SUMMARY OF DETECTION

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40123351001	**S-1, -13'**					
ASTM D2974-87	Percent Moisture	5.5	%	0.10	10/27/15 15:17	
40123351002	**S-2, -13'**					
ASTM D2974-87	Percent Moisture	5.0	%	0.10	10/27/15 15:17	
40123351003	**S-3, -13'**					
ASTM D2974-87	Percent Moisture	12.2	%	0.10	10/27/15 15:17	
40123351004	**S-4, -10'**					
ASTM D2974-87	Percent Moisture	14.2	%	0.10	10/27/15 15:17	
40123351005	**S-5, -7'**					
ASTM D2974-87	Percent Moisture	11.5	%	0.10	10/27/15 15:17	
40123351006	**S-6, -7'**					
ASTM D2974-87	Percent Moisture	9.5	%	0.10	10/27/15 15:17	
40123351007	**S-7, -10'**					
ASTM D2974-87	Percent Moisture	3.0	%	0.10	10/27/15 15:17	
40123351008	**S-8, -13'**					
ASTM D2974-87	Percent Moisture	5.0	%	0.10	10/27/15 15:18	
40123351009	**S-9, -13'**					
ASTM D2974-87	Percent Moisture	3.8	%	0.10	10/27/15 15:18	
40123351010	**S-10, -7'**					
ASTM D2974-87	Percent Moisture	2.3	%	0.10	10/27/15 15:16	
40123351011	**S-11, -13'**					
ASTM D2974-87	Percent Moisture	4.8	%	0.10	10/27/15 15:18	
40123351012	**S-12, -7'**					
ASTM D2974-87	Percent Moisture	3.0	%	0.10	10/27/15 16:40	
40123351013	**S-13, -10'**					
ASTM D2974-87	Percent Moisture	7.9	%	0.10	10/27/15 16:40	
40123351014	**S-14, -10'**					
ASTM D2974-87	Percent Moisture	4.3	%	0.10	10/27/15 16:40	
40123351015	**S-15, -3'**					
ASTM D2974-87	Percent Moisture	5.1	%	0.10	10/27/15 16:40	
40123351016	**S-16, -3'**					
ASTM D2974-87	Percent Moisture	2.6	%	0.10	10/27/15 16:40	
40123351017	**S-17, -3'**					
ASTM D2974-87	Percent Moisture	2.3	%	0.10	10/27/15 16:40	
40123351018	**S-18, -3'**					
ASTM D2974-87	Percent Moisture	9.1	%	0.10	10/27/15 16:40	

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SUMMARY OF DETECTION

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40123351019	**S-19, -3'**					
ASTM D2974-87	Percent Moisture	10.2	%	0.10	10/27/15 16:40	
40123351020	**S-20, -3'**					
ASTM D2974-87	Percent Moisture	5.9	%	0.10	10/27/15 16:40	
40123351021	**S-21, -3'**					
ASTM D2974-87	Percent Moisture	9.9	%	0.10	10/27/15 16:40	

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ANALYTICAL RESULTS

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Sample: S-1, -13' **Lab ID: 40123351001** Collected: 10/20/15 12:50 Received: 10/22/15 10:32 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 16:10	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 16:10	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 16:10	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 16:10	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 16:10	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 16:10	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 16:10	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	10/23/15 07:30	10/23/15 16:10	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 16:10	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1	10/23/15 07:30	10/23/15 16:10	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**5.5**	%	0.10	0.10	1		10/27/15 15:17		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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(920)469-2436

ANALYTICAL RESULTS

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Sample: S-2, -13' **Lab ID: 40123351002** Collected: 10/20/15 12:45 Received: 10/22/15 10:32 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGROGCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:02	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:02	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:02	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:02	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:02	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:02	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:02	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	10/23/15 07:30	10/23/15 11:02	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:02	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1	10/23/15 07:30	10/23/15 11:02	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**5.0**	%	0.10	0.10	1		10/27/15 15:17		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Sample: S-3, -13' **Lab ID: 40123351003** Collected: 10/20/15 12:40 Received: 10/22/15 10:32 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGROGCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:27	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:27	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:27	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:27	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:27	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:27	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:27	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	10/23/15 07:30	10/23/15 11:27	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:27	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1	10/23/15 07:30	10/23/15 11:27	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.2**	%	0.10	0.10	1		10/27/15 15:17		

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ANALYTICAL RESULTS

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Sample: S-4, -10' **Lab ID: 40123351004** Collected: 10/20/15 12:20 Received: 10/22/15 10:32 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGROGCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:53	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:53	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:53	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:53	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:53	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:53	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:53	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	10/23/15 07:30	10/23/15 11:53	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 11:53	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1	10/23/15 07:30	10/23/15 11:53	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.2**	%	0.10	0.10	1		10/27/15 15:17		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Sample: S-5, -7' **Lab ID: 40123351005** Collected: 10/20/15 12:25 Received: 10/22/15 10:32 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGROGCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 12:19	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 12:19	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 12:19	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 12:19	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 12:19	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 12:19	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 12:19	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	10/23/15 07:30	10/23/15 12:19	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 12:19	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1	10/23/15 07:30	10/23/15 12:19	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.5**	%	0.10	0.10	1		10/27/15 15:17		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Sample: S-6, -7' **Lab ID: 40123351006** Collected: 10/20/15 12:35 Received: 10/22/15 10:32 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 12:44	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 12:44	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 12:44	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 12:44	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 12:44	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 12:44	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 12:44	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	10/23/15 07:30	10/23/15 12:44	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 12:44	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1	10/23/15 07:30	10/23/15 12:44	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.5**	%	0.10	0.10	1		10/27/15 15:17		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Sample: S-7, -10' **Lab ID: 40123351007** Collected: 10/20/15 12:30 Received: 10/22/15 10:32 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	<25.0	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 13:10	71-43-2	W
Ethylbenzene	<25.0	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 13:10	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 13:10	1634-04-4	W
Naphthalene	<25.0	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 13:10	91-20-3	W
Toluene	<25.0	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 13:10	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 13:10	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 13:10	108-67-8	W
m&p-Xylene	<50.0	ug/kg	100	50.0	1	10/23/15 07:30	10/23/15 13:10	179601-23-1	W
o-Xylene	<25.0	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 13:10	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1	10/23/15 07:30	10/23/15 13:10	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	3.0	%	0.10	0.10	1		10/27/15 15:17		

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ANALYTICAL RESULTS

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Sample: S-8, -13' **Lab ID: 40123351008** Collected: 10/20/15 13:20 Received: 10/22/15 10:32 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 13:36	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 13:36	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 13:36	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 13:36	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 13:36	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 13:36	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 13:36	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	10/23/15 07:30	10/23/15 13:36	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 13:36	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1	10/23/15 07:30	10/23/15 13:36	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**5.0**	%	0.10	0.10	1		10/27/15 15:18		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Sample: S-9, -13' **Lab ID: 40123351009** Collected: 10/20/15 13:25 Received: 10/22/15 10:32 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGROGCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:02	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:02	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:02	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:02	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:02	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:02	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:02	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	10/23/15 07:30	10/23/15 14:02	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:02	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1	10/23/15 07:30	10/23/15 14:02	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**3.8**	%	0.10	0.10	1		10/27/15 15:18		

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ANALYTICAL RESULTS

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Sample: S-10, -7' **Lab ID: 40123351010** Collected: 10/20/15 13:15 Received: 10/22/15 10:32 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:27	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:27	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:27	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:27	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:27	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:27	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:27	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	10/23/15 07:30	10/23/15 14:27	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:27	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1	10/23/15 07:30	10/23/15 14:27	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**2.3**	%	0.10	0.10	1		10/27/15 15:18		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Sample: S-11, -13' **Lab ID: 40123351011** Collected: 10/20/15 13:30 Received: 10/22/15 10:32 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:53	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:53	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:53	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:53	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:53	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:53	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:53	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	10/23/15 07:30	10/23/15 14:53	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 14:53	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1	10/23/15 07:30	10/23/15 14:53	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**4.8**	%	0.10	0.10	1		10/27/15 15:18		

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ANALYTICAL RESULTS

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Sample: S-12, -7' **Lab ID: 40123351012** Collected: 10/20/15 13:40 Received: 10/22/15 10:32 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:01	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:01	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:01	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:01	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:01	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:01	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:01	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	10/23/15 07:30	10/23/15 17:01	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:01	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1	10/23/15 07:30	10/23/15 17:01	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**3.0**	%	0.10	0.10	1		10/27/15 16:40		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Sample: S-13, -10' **Lab ID: 40123351013** Collected: 10/20/15 14:40 Received: 10/22/15 10:32 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 16:35	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 16:35	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 16:35	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 16:35	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 16:35	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 16:35	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 16:35	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	10/23/15 07:30	10/23/15 16:35	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 16:35	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1	10/23/15 07:30	10/23/15 16:35	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**7.9**	%	0.10	0.10	1		10/27/15 16:40		

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ANALYTICAL RESULTS

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Sample: S-14, -10' **Lab ID: 40123351014** Collected: 10/20/15 14:45 Received: 10/22/15 10:32 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:27	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:27	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:27	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:27	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:27	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:27	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:27	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	10/23/15 07:30	10/23/15 17:27	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:27	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1	10/23/15 07:30	10/23/15 17:27	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**4.3**	%	0.10	0.10	1		10/27/15 16:40		

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ANALYTICAL RESULTS

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Sample: S-15, -3' **Lab ID: 40123351015** Collected: 10/20/15 14:50 Received: 10/22/15 10:32 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGROGCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:52	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:52	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:52	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:52	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:52	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:52	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:52	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	10/23/15 07:30	10/23/15 17:52	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 17:52	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1	10/23/15 07:30	10/23/15 17:52	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**5.1**	%	0.10	0.10	1		10/27/15 18:40		

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ANALYTICAL RESULTS

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Sample: S-16. -3' **Lab ID: 40123351016** Collected: 10/20/15 14:55 **Received:** 10/22/15 10:32 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 18:18	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 18:18	100-41-4	W
Methyl-tart-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 18:18	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 18:18	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 18:18	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 18:18	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 18:18	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	10/23/15 07:30	10/23/15 18:18	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 18:18	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1	10/23/15 07:30	10/23/15 18:18	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**2.6**	%	0.10	0.10	1		10/27/15 16:40		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Sample: S-17, -3' **Lab ID: 40123351017** Collected: 10/20/15 15:00 Received: 10/22/15 10:32 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 18:44	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 18:44	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 18:44	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 18:44	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 18:44	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 18:44	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 18:44	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	10/23/15 07:30	10/23/15 18:44	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 18:44	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1	10/23/15 07:30	10/23/15 18:44	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**2.3**	%	0.10	0.10	1		10/27/15 16:40		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Sample: S-18, -3' **Lab ID: 40123351018** Collected: 10/20/15 15:05 Received: 10/22/15 10:32 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGROGCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 19:09	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 19:09	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 19:09	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 19:09	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 19:09	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 19:09	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 19:09	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	10/23/15 07:30	10/23/15 19:09	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 19:09	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1	10/23/15 07:30	10/23/15 19:09	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.1**	%	0.10	0.10	1		10/27/15 16:40		

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ANALYTICAL RESULTS

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Sample: S-19, -3' **Lab ID: 40123351019** Collected: 10/20/15 15:10 Received: 10/22/15 10:32 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 19:35	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 19:35	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 19:35	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 19:35	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 19:35	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 19:35	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 19:35	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	10/23/15 07:30	10/23/15 19:35	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 19:35	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1	10/23/15 07:30	10/23/15 19:35	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.2**	%	0.10	0.10	1		10/27/15 16:40		

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ANALYTICAL RESULTS

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Sample: S-20, -3' **Lab ID: 40123351020** Collected: 10/20/15 15:15 Received: 10/22/15 10:32 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGROGCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 20:01	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 20:01	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 20:01	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 20:01	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 20:01	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 20:01	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 20:01	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	10/23/15 07:30	10/23/15 20:01	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	10/23/15 07:30	10/23/15 20:01	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1	10/23/15 07:30	10/23/15 20:01	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**5.9**	%	0.10	0.10	1		10/27/15 16:40		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Sample: S-21, -3' **Lab ID: 40123351021** Collected: 10/20/15 15:20 Received: 10/22/15 10:32 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	10/26/15 07:34	10/26/15 20:35	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/26/15 07:34	10/26/15 20:35	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/26/15 07:34	10/26/15 20:35	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	10/26/15 07:34	10/26/15 20:35	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	10/26/15 07:34	10/26/15 20:35	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/26/15 07:34	10/26/15 20:35	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/26/15 07:34	10/26/15 20:35	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	10/26/15 07:34	10/26/15 20:35	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	10/26/15 07:34	10/26/15 20:35	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1	10/26/15 07:34	10/26/15 20:35	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	9.9	%	0.10	0.10	1		10/27/15 16:40		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

QC Batch: GCV/15231 Analysis Method: WI MOOGRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 40123351001, 40123351002, 40123351003, 40123351004, 40123351005, 40123351006, 40123351007, 40123351008, 40123351009, 40123351010, 40123351011, 40123351012, 40123351013, 40123351014, 40123351015, 40123351016, 40123351017, 40123351018, 40123351019, 40123351020

METHOD BLANK: 1245098 Matrix: Solid
Associated Lab Samples: 40123351001, 40123351002, 40123351003, 40123351004, 40123351005, 40123351006, 40123351007, 40123351008, 40123351009, 40123351010, 40123351011, 40123351012, 40123351013, 40123351014, 40123351015, 40123351016, 40123351017, 40123351018, 40123351019, 40123351020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<25.0	50.0	10/23/15 09:19	
1,3,5-Trimethylbenzene	ug/kg	<25.0	50.0	10/23/15 09:19	
Benzene	ug/kg	<25.0	50.0	10/23/15 09:19	
Ethylbenzene	ug/kg	<25.0	50.0	10/23/15 09:19	
m&p-Xylene	ug/kg	<50.0	100	10/23/15 09:19	
Methyl-tert-butyl ether	ug/kg	<25.0	50.0	10/23/15 09:19	
Naphthalene	ug/kg	<25.0	50.0	10/23/15 09:19	
o-Xylene	ug/kg	<25.0	50.0	10/23/15 09:19	
Toluene	ug/kg	<25.0	50.0	10/23/15 09:19	
a,a,a-Trifluorotoluene (S)	%	100	80-120	10/23/15 09:19	

LABORATORY CONTROL SAMPLE & LCSD: 1245099 1245100

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1000	956	974	96	97	80-120	2	20	
1,3,5-Trimethylbenzene	ug/kg	1000	944	961	94	96	80-120	2	20	
Benzene	ug/kg	1000	962	980	96	98	80-120	2	20	
Ethylbenzene	ug/kg	1000	984	987	98	99	80-120	0	20	
m&p-Xylene	ug/kg	2000	1950	1960	98	98	80-120	0	20	
Methyl-tert-butyl ether	ug/kg	1000	945	988	95	99	80-120	4	20	
Naphthalene	ug/kg	1000	910	970	91	97	80-120	6	20	
o-Xylene	ug/kg	1000	998	1000	100	100	80-120	0	20	
Toluene	ug/kg	1000	957	984	96	98	80-120	3	20	
a,a,a-Trifluorotoluene (S)	%				101	102	80-120			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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(920)469-2436

QUALITY CONTROL DATA

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

QC Batch: GCV/15240
QC Batch Method: TPH GRO/PVOC WI ext.
Analysis Method: WI MODGRO
Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 40123351021

METHOD BLANK: 1246342 Matrix: Solid
Associated Lab Samples: 40123351021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<25.0	50.0	10/26/15 09:52	
1,3,5-Trimethylbenzene	ug/kg	<25.0	50.0	10/26/15 09:52	
Benzene	ug/kg	<25.0	50.0	10/26/15 09:52	
Ethylbenzene	ug/kg	<25.0	50.0	10/26/15 09:52	
m&p-Xylene	ug/kg	<50.0	100	10/26/15 09:52	
Methyl-tert-butyl ether	ug/kg	<25.0	50.0	10/26/15 09:52	
Naphthalene	ug/kg	<25.0	50.0	10/26/15 09:52	
o-Xylene	ug/kg	<25.0	50.0	10/26/15 09:52	
Toluene	ug/kg	<25.0	50.0	10/26/15 09:52	
a,a,a-Trifluorotoluene (S)	%	103	80-120	10/26/15 09:52	

LABORATORY CONTROL SAMPLE & LCSD: 1246343 1246344

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1000	1050	1120	105	112	80-120	7	20	
1,3,5-Trimethylbenzene	ug/kg	1000	1040	1090	104	109	80-120	5	20	
Benzene	ug/kg	1000	976	1000	98	100	80-120	3	20	
Ethylbenzene	ug/kg	1000	1040	1090	104	109	80-120	5	20	
m&p-Xylene	ug/kg	2000	2070	2210	103	110	80-120	7	20	
Methyl-tert-butyl ether	ug/kg	1000	959	970	96	97	80-120	1	20	
Naphthalene	ug/kg	1000	1040	1090	104	109	80-120	5	20	
o-Xylene	ug/kg	1000	1040	1110	104	111	80-120	7	20	
Toluene	ug/kg	1000	994	1010	99	101	80-120	1	20	
a,a,a-Trifluorotoluene (S)	%				103	101	80-120			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

QC Batch: PMST/12031 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40123351001, 40123351002, 40123351003, 40123351004, 40123351005, 40123351006, 40123351007, 40123351008, 40123351009, 40123351010, 40123351011

SAMPLE DUPLICATE: 1247318

Parameter	Units	40123350001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.5	7.2	4	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

QC Batch: PMST/12033 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40123351012, 40123351013, 40123351014, 40123351015, 40123351016, 40123351017, 40123351018, 40123351019, 40123351020, 40123351021

SAMPLE DUPLICATE: 1247370

Parameter	Units	40123565001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.7	6.7	1	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

W Non-detect results are reported on a wet weight basis.

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1514200 LAKE TOMAHAWK MINIMART
Pace Project No.: 40123351

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40123351001	S-1, -13'	TPH GRO/PVOC WI ext.	GCV/15231	WI MOD GRO	GCV/15235
40123351002	S-2, -13'	TPH GRO/PVOC WI ext.	GCV/15231	WI MOD GRO	GCV/15235
40123351003	S-3, -13'	TPH GRO/PVOC WI ext.	GCV/15231	WI MOD GRO	GCV/15235
40123351004	S-4, -10'	TPH GRO/PVOC WI ext.	GCV/15231	WI MOD GRO	GCV/15235
40123351005	S-5, -7'	TPH GRO/PVOC WI ext.	GCV/15231	WI MOD GRO	GCV/15235
40123351006	S-6, -7'	TPH GRO/PVOC WI ext.	GCV/15231	WI MOD GRO	GCV/15235
40123351007	S-7, -10'	TPH GRO/PVOC WI ext.	GCV/15231	WI MOD GRO	GCV/15235
40123351008	S-8, -13'	TPH GRO/PVOC WI ext.	GCV/15231	WI MOD GRO	GCV/15235
40123351009	S-9, -13'	TPH GRO/PVOC WI ext.	GCV/15231	WI MOD GRO	GCV/15235
40123351010	S-10, -7'	TPH GRO/PVOC WI ext.	GCV/15231	WI MOD GRO	GCV/15235
40123351011	S-11, -13'	TPH GRO/PVOC WI ext.	GCV/15231	WI MOD GRO	GCV/15235
40123351012	S-12, -7'	TPH GRO/PVOC WI ext.	GCV/15231	WI MOD GRO	GCV/15235
40123351013	S-13, -10'	TPH GRO/PVOC WI ext.	GCV/15231	WI MOD GRO	GCV/15235
40123351014	S-14, -10'	TPH GRO/PVOC WI ext.	GCV/15231	WI MOD GRO	GCV/15235
40123351015	S-15, -3'	TPH GRO/PVOC WI ext.	GCV/15231	WI MOD GRO	GCV/15235
40123351016	S-16, -3'	TPH GRO/PVOC WI ext.	GCV/15231	WI MOD GRO	GCV/15235
40123351017	S-17, -3'	TPH GRO/PVOC WI ext.	GCV/15231	WI MOD GRO	GCV/15235
40123351018	S-18, -3'	TPH GRO/PVOC WI ext.	GCV/15231	WI MOD GRO	GCV/15235
40123351019	S-19, -3'	TPH GRO/PVOC WI ext.	GCV/15231	WI MOD GRO	GCV/15235
40123351020	S-20, -3'	TPH GRO/PVOC WI ext.	GCV/15231	WI MOD GRO	GCV/15235
40123351021	S-21, -3'	TPH GRO/PVOC WI ext.	GCV/15240	WI MOD GRO	GCV/15245
40123351001	S-1, -13'	ASTM D2974-87	PMST/12031		
40123351002	S-2, -13'	ASTM D2974-87	PMST/12031		
40123351003	S-3, -13'	ASTM D2974-87	PMST/12031		
40123351004	S-4, -10'	ASTM D2974-87	PMST/12031		
40123351005	S-5, -7'	ASTM D2974-87	PMST/12031		
40123351006	S-6, -7'	ASTM D2974-87	PMST/12031		
40123351007	S-7, -10'	ASTM D2974-87	PMST/12031		
40123351008	S-8, -13'	ASTM D2974-87	PMST/12031		
40123351009	S-9, -13'	ASTM D2974-87	PMST/12031		
40123351010	S-10, -7'	ASTM D2974-87	PMST/12031		
40123351011	S-11, -13'	ASTM D2974-87	PMST/12031		
40123351012	S-12, -7'	ASTM D2974-87	PMST/12033		
40123351013	S-13, -10'	ASTM D2974-87	PMST/12033		
40123351014	S-14, -10'	ASTM D2974-87	PMST/12033		
40123351015	S-15, -3'	ASTM D2974-87	PMST/12033		
40123351016	S-16, -3'	ASTM D2974-87	PMST/12033		
40123351017	S-17, -3'	ASTM D2974-87	PMST/12033		
40123351018	S-18, -3'	ASTM D2974-87	PMST/12033		
40123351019	S-19, -3'	ASTM D2974-87	PMST/12033		
40123351020	S-20, -3'	ASTM D2974-87	PMST/12033		
40123351021	S-21, -3'	ASTM D2974-87	PMST/12033		

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

CHAIN OF CUSTODY

40123351

Page 35 of 37

(Please Print Clearly)	
Company Name:	CEI Consultants
Branch/Location:	GB
Project Contact:	Paul Garvey
Phone:	920 883 1710
Project Number:	
Project Name:	Lake Tomahawk Mini Mart
Project State:	WI
Sampled By (Print):	Paul Garvey
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	See Chris
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, W = Water, B = Biota, DW = Drinking Water, C = Charcoal, GW = Ground Water, O = Oil, SW = Surface Water, S = Soil, WW = Waste Water, SI = Sludge, WP = Wipe

***Preservation Codes**
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: PVOC + naphthalene	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	S-1, -13'	10/21/15	0915	SOIL			X	1-40mLv F	1-40zp A	
002	S-2, -13'		1245							
003	S-3, -13'		1240							
004	S-4, -10'		1220							
005	S-5, -7'		1225							
006	S-6, -7'		1235							
007	S-7, -10'		1230							
008	S-8, -13'		1320							
009	S-9, -13'		1325							
010	S-10, -7'		1315							
011	S-11, -13'		1330							
012	S-12, -7'		1340							
013	S-13, -10'		1440							

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	10/22/15 1032	Allison Pace	10/22/15 1032

PACE Project No.
40123351

Receipt Temp = R01 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal
Present / ~~Not Present~~
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

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*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	GEI Consultants
Branch/Location:	GB
Project Contact:	Paul Garvey
Phone:	920 883 1710
Project Number:	
Project Name:	Lake Tomahawk Mini Mart
Project State:	WI
Sampled By (Print):	Paul Garvey
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	See Chris
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, W = Water, B = Biota, DW = Drinking Water, C = Charcoal, GW = Ground Water, O = Oil, SW = Surface Water, S = Soil, WW = Waste Water, Sl = Sludge, WP = Wipe

FILTERED? (YES/NO) — Y/N
PRESERVATION (CODE)* — Pick Letter

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested: PVOC + naphthalene	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
014	S-14, -10'	10/20/15	0945 jar	Soil	X	1-40mLVF	1-40zpA	
015	S-15, -3'		1450					
016	S-16, -3'		1455					
017	S-17, -3'		1500					
018	S-18, -3'		1505					
019	S-19, -3'		1510					
020	S-20, -3'		1515					
021	S-21, -3'		1520					

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	10/22/15 1032	Pace	10/22/15 1032

PACE Project No.: 40123351
Receipt Temp = R01 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal: Present / Not Present; Intact / Not Intact

Version 6.0 08/14/06

C019a(27Jun2006)

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Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical™

Project #: **WO# : 40123351**

40123351

Client Name: GEI Consultants

Courier: ☐ Fed Ex ☐ UPS ☑ Client ☐ Pace Other: _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Thermometer Used NA **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: _____ /Corr: 2.0 **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 10/22/15
Initials: KF

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

				Comments:
Chain of Custody Present:	☑Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☐Yes	☑No	☐N/A	2. no collect times KF 10/22
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes	☐No		Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes	☑No	☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A	7.
Sufficient Volume:	☑Yes	☐No	☐N/A	8.
Correct Containers Used:	☑Yes	☐No	☐N/A	9.
-Pace Containers Used:	☑Yes	☐No	☐N/A	
-Pace IR Containers Used:	☐Yes	☐No	☑N/A	
Containers Intact:	☑Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11.
Sample Labels match COC:	☐Yes	☑No	☐N/A	12. ① added to chain by lab from sample labels KF 10/22/15
-Includes date/time/ID/Analysis Matrix: S				
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes	☐No	☑N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes	☐No	☑N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☐Yes	☑No		Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☑N/A	14.
Trip Blank Present:	☐Yes	☑No	☐N/A	15.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	
Pace Trip Blank Lot # (if purchased):				

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 10-22-15