

Memorandum

To: Department of Agriculture, Trade and Consumer Protection, Petroleum/Hazardous Materials Storage Tanks

From: Department of Natural Resources, Remediation and Redevelopment

Date: 12-12-14

Site Facility ID #: 72168

DOJ Case #: 13-CX-3

Re: Court Ordered Underground Petroleum Storage Tank System Removal & Tank Registration

The Department of Natural Resources occasionally utilizes its PIFF (WI Stat § 292.64) storage tank system removal program to pay for the removal of abandoned underground petroleum storage tank systems that have been ordered removed by the Department of Justice (DOJ). As part of this removal process the Department of Agriculture, Trade and Consumer Protection (DATCP) tank registration forms must be completed, signed by the tank system owner and submitted to the DATCP. For tanks subject to Court Order, signature of an owner is not possible. For this reason, the DNR and DATCP have agreed that the DNR will provide this completed form and attach the Court Order, in lieu of signature.

The attached DATCP tank registration forms do not have owner signatures for the reason discussed herein. Below are the Tank ID numbers for each tank that was removed from this site.

TANK ID #
205613
453085
453079

If you have any questions or concerns email james.moser@wisconsin.gov or call 608-267-7533 James Moser.

Complete One Form for Each System Service Event

TANK SYSTEM SERVICE AND CLOSURE ASSESSMENT REPORT

RETURN COMPLETED CHECKLIST TO:

The information you provide may be used for secondary purposes
[Privacy Law, s.15.04 (1) (m), Wis. Stats.]

CHECK ONE:
 UNDERGROUND
 ABOVEGROUND

Wisconsin Department of Safety and Professional Services
 Bureau of Petroleum Products and Tanks
 P.O. Box 7837
 Madison, WI 53707-7837

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

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 US Mobil 30		2. Owner Name US Petroleum Inc	
Facility Street Address (not P.O. Box) 8004 22nd Ave.		3. Contact Name Job Title	
Municipality Mail Kenosha		ng Address 6831 53rd St. #148	
<input checked="" type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Town of:		Post Office Kenosha	State Z ip Code WI 53144
Zip Code 53143	County Kenosha	County Kenosha	Telephone No. (include area code) ()
4. Primary Service Contractor Section A above SGS Environmental Contracting LLC		Service Contractor Street Address N2570 Daytona Dr.	
Service Contractor Telephone No. (include area code) () 715-539-2803		Service Contractor City, State, Zip Code Merrill WI 54452	

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

a Tank ID #	b Type of Closure ¹	c Tank Material of Construction	d Piping Material of Construction	e Tank Capacity (gallons)	f Contents ²	g Release - System Integrity Compromised (e.g. holes, cracks, loose connection, etc)?		h If "Yes" to "g", Then Specify Source & Cause of Release ⁵	
						Y	N	Source of Release ³	Cause of Release ⁴
453079	P	Fiberglass	Fiberglass	10,000	UG	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	P D	UNK
453085	P	Fiberglass	Fiberglass	12,000	UG	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	P D	UNK
207613	P	Steel	Steel	280	WO	<input type="checkbox"/> Y	<input type="checkbox"/> N		
						<input type="checkbox"/> Y	<input type="checkbox"/> N		
						<input type="checkbox"/> Y	<input type="checkbox"/> N		
						<input type="checkbox"/> Y	<input type="checkbox"/> 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 = overflow, 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

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 ERS-7437 or AST Form ERS-8731 filed by owner with DSPS indicating closure.

NOTE: TANK INVENTORY FORM ERS-7437 or ERS-8731 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	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>
b. All product removed to bottom of suction line, OR	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>
c. All product removed to within 1" of bottom.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>
2. Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>
3. All product lines at the islands or pumps located elsewhere are removed and capped, OR	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>

4. Dispensers/pumps left in place but locked and power disconnected.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>
5. Vent lines left open.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>
6. Inventory form filed indicating temporarily out-of-service (TOS) closure.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>

D.2. CLOSURE BY REMOVAL OR IN-PLACE

1. General Requirements

a. Product from piping drained into tank (or other container).	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>
b. Piping disconnected from tank and removed.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>
c. All liquid and residue removed from tank using explosion-proof pumps or hand pumps.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>
d. All pump motors and suction hoses bonded to tank or otherwise grounded.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>
e. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>
f. Vent lines left connected until tanks purged.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>
g. Tank openings temporarily plugged so vapors exit through vent.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>
h. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>

2. Specific Closure-by-Removal Requirements

a. Tank removed from excavation after PURGING/INERTING; placed on level ground and blocked to prevent movement.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>
b. Tank cleaned before being removed from site.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>
c. Tank labeled in 2" high letters after removal but before being moved from site.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>
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.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>
e. Site security is provided while the excavation is open.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>

3. Specific Closure-In-Place Requirements

NOTE: CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES (DSPS) OR LOCAL AGENT.

a. Tank properly cleaned to remove all sludge and residue.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>
b. Solid inert material (sand, cyclone boiler slag, or pea gravel recommended) introduced and tank filled.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>
c. Vent line disconnected or removed.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>
d. Inventory form filed by owner with the DSPS indicating closure in-place.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>

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 ERS-7437 or ERS-8731 filed by owner with the DSPS 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.

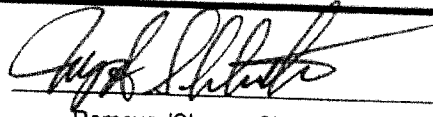
Inert gas using CO₂ or N₂ **NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNCTION ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT.**
Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite 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

JAY A. SCHLUEVER  47727 8-12-14
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 Comm 10.

Company expected to perform soil contamination assessment _____

H. INSPECTOR INFORMATION

Patrick A Ryan  35195 _____
Inspector Name (print) Inspector Signature Inspector Cert # LPO Agency #

3002 262-653-4109 12-18-14
FDID # For Location Where Inspection Performed Inspector Telephone Number Date Signed

TDID#: 205613
 Reg Obj #:

**ABOVEGROUND
 FLAMMABLE/COMBUSTIBLE/HAZARDOUS
 LIQUID STORAGE TANK REGISTRATION**
 Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:
 Department of Commerce
 Bureau of Petroleum Products and
 Tanks
 P.O. Box 7837
 Madison, WI 53707-7837

Aboveground 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 in the top right corner. 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 secondary purposes [Privacy Law, s. 15.04 (1)(m)].

This registration applies to a tank status that is (check one):

<input type="checkbox"/> In Use	<input type="checkbox"/> Ownership Change (Indicate new owner name in block 2)	Fire Department providing fire coverage where tank is located: <input checked="" type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Town of: 3002-Kenosha
<input type="checkbox"/> Newly Installed	<input type="checkbox"/> Temporarily Out of Service - Provide Date: _____	
<input type="checkbox"/> Abandoned with Product	<input type="checkbox"/> Abandoned without Product (empty)	
<input checked="" type="checkbox"/> Closed - Tank Removed	<input type="checkbox"/> Closed - Cleaned, Tank not removed	

A. IDENTIFICATION (Please Print)	
1. Tank Site Name US Mobil 30 <input checked="" type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Town of: Kenosha	Site Street Address 8004 22nd Ave. Site Telephone Number ()
2. Tank Owner Name US Petroleum Inc <input checked="" type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Town of: Kenosha	Mailing Address 6831 53rd St. #148 State WISCONSIN Zip Code 53143 County Kenosha
3. Property Owner Name (if different than tank owner)	Property Owner Address if different than #1

B. Site ID #: _____ **Facility ID #: 72168** **Customer ID #:** _____

C. Tank Capacity (gallons): 280 **Tank Age (age or date installed):** _____ **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 or Polyethylene
 Concrete Other (specify): _____ If Upgraded by internal lining give date: _____

Tank Double Walled? Yes No **Overfill Protection?** Yes No **Spill Containment?** Yes No

G. Tank Corrosion Protection: Sacrificial Anodes Impressed Current External coating N/A None

H. Primary Tank Leak Detection Method:
 Automatic tank gauging Interstitial monitoring Electronic: NO YES Visual monitoring
 Manual tank gauging Statistical Inventory Reconciliation (SIR) Inventory control and tightness testing

I. Aboveground Piping Construction: Type: Pressurized (includes gravity feed) Suction
 Bare Steel Coated Steel Stainless Steel Fiberglass Flexible Copper Unknown NA Other _____

J. Underground Piping Construction: Type: Pressurized (includes gravity feed) Suction
 Bare Steel Coated Steel Stainless Steel Fiberglass Flexible Copper Unknown NA Other _____

K. Piping Cathodic Protection: Sacrificial Anodes Impressed Current N/A **Pipe Double Walled?** Yes No

L. Underground Piping Leak Detection Method Interstitial monitoring Electronic: NO YES Sump sensor Yes No
 Tightness testing Electronic line leak monitor SIR Other _____

M. Vapor Recovery/Stage II (Not Applicable for non petroleum storage) Fiberglass Flexible Other (specify): _____
 Operational - Provide Date (mo./day/yr.): _____ **CARB #:** _____

N. Containment: **Side Material:** Earth Concrete/block Steel Synthetic liner
Base Material: Earth Concrete/block Steel Synthetic liner

O. TANK CONTENTS (Current, or previous product if tank now empty) Leaded Unleaded Gasohol E85
 Diesel Bio- diesel Aviation Premix Kerosene Fuel Oil New Oil
 Waste/Used Motor Oil Hazardous Waste* Unknown* Empty*
 Chemical* Name _____ **CAS #:** _____

* If chosen, this tank is NOT PECFA eligible.
P. If Tank Closed, Abandoned or Out of Service
 Give date (mo./day/yr): 8-12-19 **Geo Latitude:** _____ **Geo Longitude:** _____
 Has a site assessment been completed? (see reverse side for details)
 Yes No

Tank Owner Name (please print): _____ **Tank Owner Signature** (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.) _____ **Date** _____

TDID#: 453085
Reg Obj #:

**UNDERGROUND
FLAMMABLE/COMBUSTIBLE/HAZARDOUS
LIQUID STORAGE TANK REGISTRATION**
Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:
Department of Commerce
Bureau of Petroleum Products and
Tanks
P.O. Box 7837
Madison, WI 53707-7837

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 in the top right corner. 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 secondary purposes [Privacy Law, s. 15.04 (1)(m)].

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)
 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 of:
3002-Kenosha

A. IDENTIFICATION (Please Print)

1. Tank Site Name US Mobil 30	Site Street Address 8004 22nd Ave.	Site Telephone Number ()
<input checked="" type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Town of: Kenosha	State WISCONSIN	Zip Code 53143
2. Tank Owner Name US Petroleum Inc	Mailing Address 6831 53rd St. #148	Telephone Number ()
<input checked="" type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Town of: Kenosha	State WI	Zip Code 53144
3. Property Owner Name (if different than tank owner)	Property Owner Address if different than #1	

B. Site ID #: Facility ID #: 72168 Customer ID #:

C. Tank Capacity (gallons): 12000 Tank Age (age or date installed): 11/14/1994 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. auto shutoff; B. alarm; or C. flow restrictor 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 sensor Yes No
 Tightness testing Electronic line leak monitor SIR Not required Unknown

M. Vapor Recovery/Stage II Fiberglass Flexible Other: _____ CARB #: _____
 Operational - Provide Date (mo./day/yr.): _____ Non-Operational - Provide Date (mo./day/yr.): _____

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

O. If Tank Closed, Abandoned or Out of Service
Give date (mo./day/yr.): 8-12-14
Tank Owner Name (please print): _____
Geo Latitude: _____ Geo Longitude: _____
Has a site assessment been completed? (see reverse side for details) Yes No

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

TDID#: 453079
 Reg Obj #:

UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:
 Department of Commerce
 Bureau of Petroleum Products and
 Tanks
 P.O. Box 7837
 Madison, WI 53707-7837

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 in the top right corner. 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 secondary purposes (Privacy Law, s. 15.04 (1)(m)).

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)
 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 of:
3002-Kenosha

A. IDENTIFICATION (Please Print)

1. Tank Site Name: US Mobil 30 Site Street Address: 8004 22nd Ave. Site Telephone Number: ()
 City Village Town of: Kenosha State: WISCONSIN Zip Code: 53143 County: Kenosha

2. Tank Owner Name: US Petroleum Inc Mailing Address: 6831 53rd St. #148 Telephone Number: ()
 City Village Town of: Kenosha State: WI Zip Code: 53144 County: Kenosha

3. Property Owner Name (if different than tank owner): _____ Property Owner Address if different than #1: _____

B. Site ID #: _____ Facility ID #: 72168 Customer ID #: _____

C. Tank Capacity (gallons): 10000 Tank Age (age or date installed): 11/14/1994 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. auto shutoff; B. alarm, or C. flow restrictor 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 sensor Yes No
 Tightness testing Electronic line leak monitor SIR Not required Unknown

M. Vapor Recovery/Stage II Fiberglass Flexible Other: _____ CARB #: _____
 Operational - Provide Date (mo./day/yr.): _____ Non-Operational - Provide Date (mo./day/yr.): _____

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

O. If Tank Closed, Abandoned or Out of Service
 Give date (mo./day/yr.): 8-12-14 Geo Latitude: _____ Geo Longitude: _____
 Tank Owner Name (please print): _____ Has a site assessment been completed? (see reverse side for details)
 Yes No

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

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: U.S. PETROLEUM, INC. - SABRA REHMAN

Address: 8004 22ND AVE, KENOSHA, WI

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

To determine if a TSSA is required, see Comm 10 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.

1. Site Information

a. Has there been a previously documented release at this site? Y N

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

b. Number of active tanks¹ at facility prior to completion of current services USTs 2 ASTs 1.

(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
Tank Bed	36	27	12
Pipe Trench	105	4	3

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 3 feet b. Indicate type of geology² 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 None known

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

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

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)	GRO (mg/kg)	DRO (mg/kg)
		Grab	Shelby Tube	Direct Push	Split Spoon				
SS-1	Tank Bed / 3/8" Stone	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2' BLS	0.2		
SS-2	Tank Bed / 3/8" Stone	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2' BLS	0.8		
SS-3	Tank Bed / 3/8" Stone	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2' BLS	3.5		
SS-4	Tank Bed / Brown Silty Sand	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3' BLS	1.5		
SS-5	Tank Bed / Brown Silty Sand	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2' BLS	0		
SS-6	Tank Bed / Brown Silty Sand	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2' BLS	1.4		
SS-7	Tank Bed / Brown Silty Sand	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2' BLS	1.4		
SS-8	Tank Bed / Brown Silty Sand	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2' BLS	1.8		
SS-9	Piping Trench / Brown Silty Sand	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3' BLS	3.3		
SS-10	Piping Trench / Brown Silty Sand	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3' BLS	2.7		
SS-11	Piping Trench / Brown Silty Sand	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3' BLS	1.9		
SS-12	Piping Trench / Brown Silty Sand	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3' BLS	2.6		
SS-13	Piping Trench / Brown Silty Sand	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3' BLS	10.6		
SS-14	Piping Trench / Brown Silty Sand	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3' BLS	1,504		

TABLE 2 SOIL LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	BENZENE	TOLUENE	ETHYLBENZENE	MTBE	TRIMETHYL - BENZENES (TOTAL)	XYLENES (TOTAL)	NAPHTHALENE
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
SS-1	< 25	< 25	< 25	< 25	< 25	< 25	< 25
SS-2	< 25	< 25	< 25	< 25	65.6	< 25	114
SS-3	< 25	< 25	< 25	< 25	26.1J	< 25	< 25
SS-4	< 25	< 25	< 25	50.0J	40.0J	< 25	114
SS-5	< 25	< 25	< 25	< 25	< 25	< 25	< 25
SS-6	< 25	< 25	< 25	< 25	< 25	< 25	< 25
SS-7	< 25	< 25	< 25	< 25	< 25	< 25	< 25
SS-8	< 25	< 25	< 25	< 25	< 25	< 25	< 25
SS-9	< 25	< 25	< 25	< 25	< 25	< 25	< 25
SS-10	< 25	< 25	< 25	< 25	< 25	< 25	< 25
SS-11	< 25	< 25	< 25	< 25	< 25	< 25	< 25
SS-12	< 25	< 25	< 25	< 25	< 25	< 25	< 25
SS-13	< 25	< 25	< 25	< 25	< 25	< 25	< 25
SS-14	< 200	< 200	3,570	501J	55,200	11,030	5,890

K. TANK-SYSTEM SITE ASSESSMENT INFORMATION

As a tank-system site assessor certified under Wis. Admin. Code section Comm 5.83, 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 Comm 10.585 (2) (a) and Wis. Stats. section 292.11 (2) (a), the owner or operator or contractor performing work under chapter Comm 10 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.

Brian J. Bailey

Tank-System Site Assessor Name (print)

715-675-9784

Tank-System Site Assessor Telephone Number



Tank-System Site Assessor Signature

9/2/14

Date Signed

1279084

Certification Number #

REI Engineering, Inc.

Company Name

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
U.S. PETROLEUM INC - SABRA REHMAN
8004 22ND STREET
KENOSHA, WI

<i>Date --></i>		8/13/14	8/13/14	8/13/14	8/13/14	8/13/14	8/13/14	8/13/14	8/13/14	8/13/14	8/13/14	8/13/14	8/13/14	8/13/14	8/13/14
<i>Sample ID --></i>		SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8	SS-9	SS-10	SS-11	SS-12	SS-13	SS-14
<i>Sample Depth (Feet) --></i>		2	2	2	3	2	2	2	2	3	3	3	3	3	3
Petroleum VOC's (mg/kg)	Non-Industrial Not-To-Exceed DC RCL	NR 140 Groundwater Pathway Protection (DF=2)													
	Benzene	1.49	0.0051	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Ethylbenzene	7.47	1.57	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Toluene	818	1.1072	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Xylenes (Total)	258	3.9400	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Methyl tert Butyl Ether	59.4	0.027	<0.025	<0.025	<0.025	0.050 ^J	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,2,4-Trimethylbenzene	89.8	NS	<0.025	0.066	0.026 ^J	0.040 ^J	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,3,5-Trimethylbenzene	182	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trimethylbenzenes (Total)	NS	1.3793	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Naphthalene	5.15	0.6587	<0.025	<0.025	<0.025	0.114	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	5.89

Notes:

NR720 Standards Obtained From WDNR Online Excel Database

RCL - NR 720 Proposed Soil Residual Contaminant Level

DC - Direct Contact

< - Concentration below listed laboratory detection limit

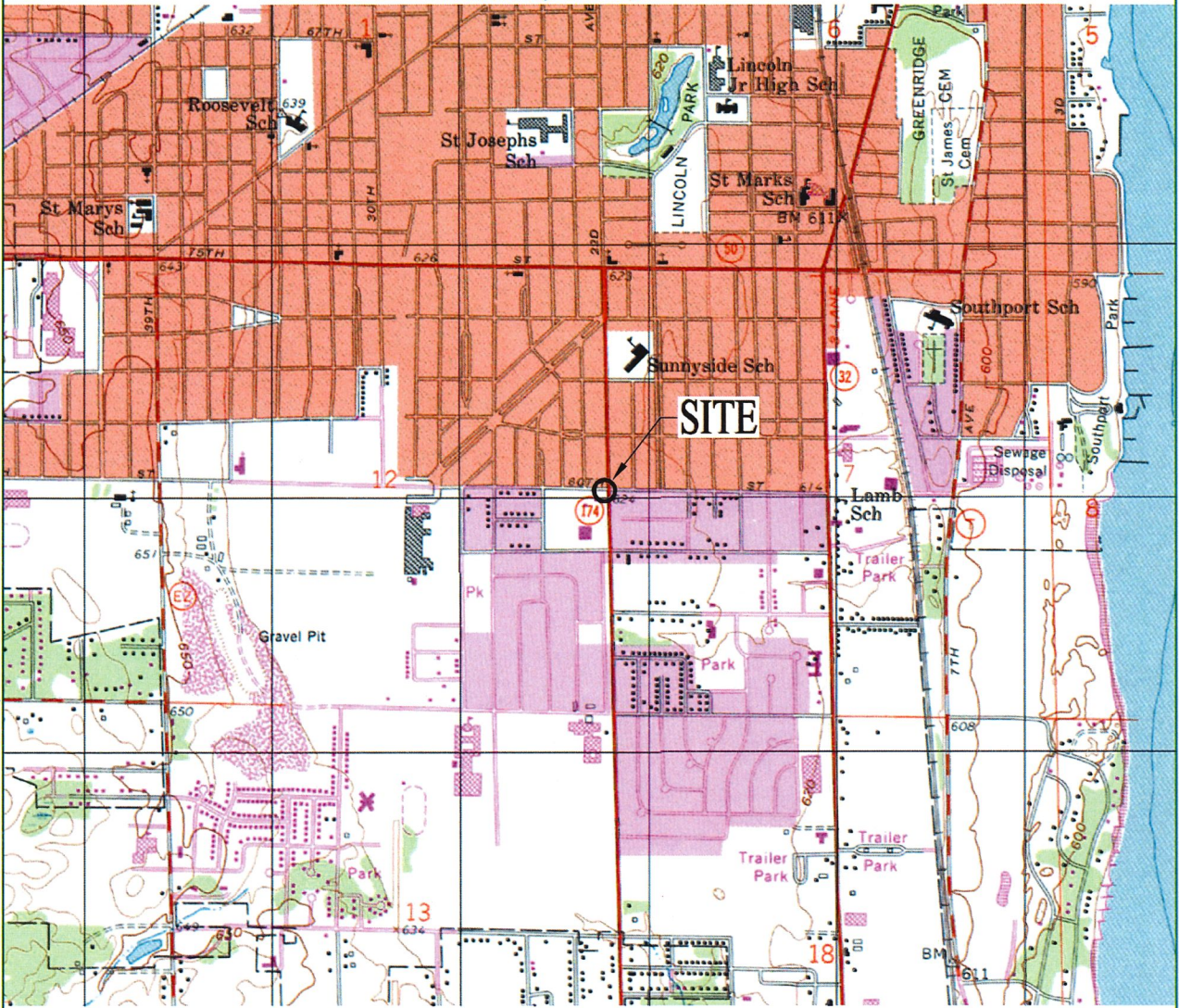
NS - No Standard

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

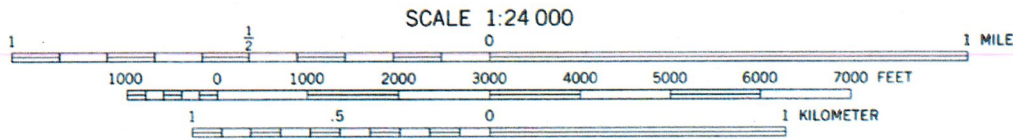
Bold Exceeds Non-Industrial Not-To-Exceed DC RCL

Outline Exceeds Industrial Not-To-Exceed DC RCL

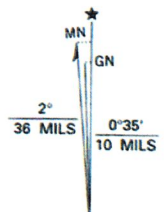
Italic Exceeds NR 140 Groundwater Pathway Protection



DRAWING FILE: P:\6700-6799\6754 - SGS U.S. PETROLEUM\DWG\6754-VICN.DWG LAYOUT: VICN.PLOT: AUG 19, 2014 - 3:50PM PLOTTED BY: TOBDDW



SCALE 1:24 000
 CONTOUR INTERVAL 10 FEET
 SEA LEVEL DATUM OF 1929
 DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS 578 FEET



KENOSHA, WIS.
 SE/4 RACINE 15' QUADRANGLE
 42087-E7-TF-024
 1958
 PHOTOREVISED 1971
 REI Engineering, INC.

UTM GRID AND 1994 MAGNETIC NORTH
 DECLINATION AT CENTER OF SHEET

U.S. PETROLEUM, INC.
 8004 22nd AVENUE
 KENOSHA, WISCONSIN

FIGURE 1 : SITE VICINITY MAP		
PROJECT NO.	DRAWN BY:	DATE:
6754	TAW	8/19/2014



DRAWING FILE: P:\6700-6799\6754 - SGS U.S. PETROLEUM\DWG\6754-SITE.DWG LAYOUT: SITE PLOTTED: Aug 29, 2014 - 2:20PM PLOTTED BY: TODDW

LEGEND

0 30
 SCALE: 1" = 30'

+ SOIL SAMPLE
 P UNDERGROUND PRODUCT PIPING
 SS SANITARY SEWER LINE



REI Engineering, INC.

U.S. PETROLEUM, INC.
 8004 22nd AVENUE
 KENOSHA, WISCONSIN

FIGURE 2 : SITE MAP		
PROJECT NO.	DRAWN BY:	DATE:
6754	TAW	8/29/2014



Facig Northwest at U.S. Petroleum Station Tank Bed



Tank Bed - South of Pump Island



Facing Southwest at Pump Island



Facing South - Piping Trench



12,000 gallon UST Removed From Site



Soil Backfill Pile



Tank Bed - Sampling



Dispenser Island - Piping Sampling

[Petroleum Programs Home](#)[Search Instructions](#)[Search by Tank ID](#)[Search by Site, Owner, or
Tank Characteristics](#)

Tank List

Searching for:

Owner ID equal to 928951

Number of matching records: 3

Type	ID	Facility ID	Address	Status	Contents	Size (gals)	Cust ID	Owner
County: , FDID: 3002 - Kenosha, Municipality: CITY OF KENOSHA								
1. AST	205613	72168	8004 22ND AVE		Interstitial Monitor- Visual	280	928951	U S PETROLEUM INC - SABRA REHMAN
2. UST	453079	72168	8004 22ND AVE		Vapor Monitor	10000	928951	U S PETROLEUM INC - SABRA REHMAN
3. UST	453085	72168	8004 22ND AVE		Vapor Monitor	12000	928951	U S PETROLEUM INC - SABRA REHMAN

[Download](#)**Disclaimer:** Tank Status does not reflect that the tank is code complying.[Close this response window](#)

8/29/2014

Tank Search Results List

This document was last revised: February 2010

Wisconsin Department of Safety and Professional Services



Search Instructions	Search by Site, Owner, or Tank Characteristics	Search by Tank ID
-------------------------------------	--	-----------------------------------

Tank Detail

Site and Owner

Site Info Facility ID: 72168 U S MOBIL 8004 22ND AVE KENOSHA Landowner Type: Private Site Anniversary Date:	County & Municipality 30 - KENOSHA City of KENOSHA Fire Dept ID: 3002 - Kenosha	Owner ID: 928951 U S PETROLEUM INC - SABRA REHMAN 6831 53RD ST #148 KENOSHA WI 53144 Dispensers have Sumps: Yes
---	---	---

Aboveground Storage Tank - ID: 205613, Wang ID: 300200088,

Install Date:	Capacity in Gallons:	280	Contents:	Interstitial Monitor-Visual
Tank Occupancy:	Marketer:	N	CAS Number:	
Federally Regulated:	Spill Protection:		Overfill Protection:	
Overfill Prot Type:	Site Gauge	Containment Sump Installed:	Unknown	
Corrosion Protect Type:		Date of Lining:		Lining Inspected Date:
Leak Detection:	Interstitial Monitor	Cath Test Date:		Cath Expire Date:
Leak Test Meth:		Leak Expire Date:		Leak Test Date: 12/16/2010
Construction Material:	Automatic Shut Off	Wall Size:		Underground Piping: N
Close Order Date:		Close Order By:		

Piping -

Flex Connectors:	UST mainfolded:	N	Related Tank ID:
Type:	Aboveground Piping:		Aboveground Pipe Construction: Steel
Construction Material:	Corrosion Protect Type:		Leak Detection: Not Required
Cath Test Date:	Cath Expire Date:		Leak Test Meth:
Leak Test Date:	Leak Expire Date:		Pipe Wall Size:
Catastrophic Leak Detection:	Cat Leak Test Date:		Piping System Type:

Inspections [Click here for login page](#)

Trans ID	Type	Status	Date	Fiscal Yr
913408	AN	CLOS	12/16/2003	2004
1043820	AN	CLOS	02/03/2005	2005
1178482	AN	CLOS	07/12/2006	2006
1964978	AN	CLOS	03/07/2012	2012
2117282	AN	RLEG	01/02/2013	2013
1451750	AN	CLOS	11/16/2007	2008
1301954	AN	CLNI		2007
1564424	AN	CLOS	11/17/2008	2009
1716295	AN	CLOS	03/17/2010	2010
1819682	AN	CLOS	12/16/2010	2011

[Close this response window](#)

Wisconsin Department of Safety and Professional Services

[Search Instructions](#)[Search by Site, Owner, or Tank Characteristics](#)[Search by Tank ID](#)

Tank Detail

Site and Owner

Site Info	County & Municipality	Owner
Facility ID: 72168 U S MOBIL 30 - KENOSHA 8004 22ND AVE KENOSHA Landowner Type: Private	City of KENOSHA Fire Dept ID: 3002 - Kenosha	ID: 928951 U S PETROLEUM INC - SABRA REHMAN 6831 53RD ST #148 KENOSHA WI 53144
Site Anniversary Date:	Dispensers have Sumps: Yes	

Underground Storage Tank - ID: 453079, Wang ID: null, , PTO Expiration: 12/28/2010

Install Date:	11/14/1994	Capacity in Gallons:	10000	Contents:	Vapor Monitor
Tank Occupancy:		Marketer:	Y	CAS Number:	
Federally Regulated:	Y	Spill Protection:		Overfill Protection:	
Overfill Prot Type:	Alarm	Containment Sump Installed:	Yes		
Corrosion Protect Type:	Lined Steel	Date of Lining:		Lining Inspected Date:	
Leak Detection:	Interstitial Monitor	Cath Test Date:		Cath Expire Date:	
Leak Test Meth:		Leak Expire Date:		Leak Test Date:	12/16/2010
Construction Material:		Wall Size:		Underground Piping:	Y
Close Order Date:		Close Order By:			

Piping -

Flex Connectors:	Y	UST mainfolded:	N	Related Tank ID:	
------------------	---	-----------------	---	------------------	--

Type:		Aboveground Piping:		Aboveground Pipe Construction:	
Construction Material:		Corrosion Protect Type:	Lined Steel	Leak Detection:	Interstitial Monitor
Cath Test Date:		Cath Expire Date:		Leak Test Meth:	
Leak Test Date:	12/16/2010	Leak Expire Date:		Pipe Wall Size:	
Catastrophic Leak Detection:	Flow Restrictor	Cat Leak Test Date:	04/10/2010	Piping System Type:	

Inspections [Click here for login page](#)

Trans ID	Type	Status	Date	Fiscal Yr
913408	AN	CLOS	12/16/2003	2004
1043820	AN	CLOS	02/03/2005	2005
1178482	AN	CLOS	07/12/2006	2006
1964978	AN	CLOS	03/07/2012	2012
2117282	AN	RLEG	01/02/2013	2013
1451750	AN	CLOS	11/16/2007	2008
1301954	AN	CLNI		2007
1564424	AN	CLOS	11/17/2008	2009
1716295	AN	CLOS	03/17/2010	2010
1819682	AN	CLOS	12/16/2010	2011

[Close this response window](#)

Wisconsin Department of Safety and Professional Services

[Search Instructions](#)[Search by Site, Owner, or Tank Characteristics](#)[Search by Tank ID](#)

Tank Detail

Site and Owner

Site Info	County & Municipality	Owner
Facility ID: 72168 U S MOBIL 30 - KENOSHA 8004 22ND AVE KENOSHA Landowner Type: Private	City of KENOSHA Fire Dept ID: 3002 - Kenosha	ID: 928951 U S PETROLEUM INC - SABRA REHMAN 6831 53RD ST #148 KENOSHA WI 53144
Site Anniversary Date:	Dispensers have Sumps: Yes	

Underground Storage Tank - ID: 453085, Wang ID: null, , PTO Expiration: 12/28/2010

Install Date:	11/14/1994	Capacity in Gallons:	12000	Contents:	Vapor Monitor
Tank Occupancy:		Marketer:	Y	CAS Number:	
Federally Regulated:	Y	Spill Protection:		Overfill Protection:	
Overfill Prot Type:	Alarm	Containment Sump Installed:	Yes		
Corrosion Protect Type:	Lined Steel	Date of Lining:		Lining Inspected Date:	
Leak Detection:	Interstitial Monitor	Cath Test Date:		Cath Expire Date:	
Leak Test Meth:		Leak Expire Date:		Leak Test Date:	12/16/2010
Construction Material:		Wall Size:		Underground Piping:	Y
Close Order Date:		Close Order By:			

Piping -

Flex Connectors:	Y	UST mainfolded:	N	Related Tank ID:	
-------------------------	---	------------------------	---	-------------------------	--

Type:		Aboveground Piping:		Aboveground Pipe Construction:	
Construction Material:		Corrosion Protect Type:	Lined Steel	Leak Detection:	Interstitial Monitor
Cath Test Date:		Cath Expire Date:		Leak Test Meth:	
Leak Test Date:	12/16/2010	Leak Expire Date:		Pipe Wall Size:	
Catastrophic Leak Detection:	Flow Restrictor	Cat Leak Test Date:	04/10/2010	Piping System Type:	

Inspections [Click here for login page](#)

Trans ID	Type	Status	Date	Fiscal Yr
913408	AN	CLOS	12/16/2003	2004
1043820	AN	CLOS	02/03/2005	2005
1178482	AN	CLOS	07/12/2006	2006
1451750	AN	CLOS	11/16/2007	2008
1301954	AN	CLNI		2007
1564424	AN	CLOS	11/17/2008	2009
1716295	AN	CLOS	03/17/2010	2010
1819682	AN	CLOS	12/16/2010	2011
1964978	AN	CLOS	03/07/2012	2012
2117282	AN	RLEG	01/02/2013	2013

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Wisconsin Department of Safety and Professional Services



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

August 21, 2014

Brian Bailey
REI Engineering
4080 North 20th Ave
Wausau, WI 54401

RE: Project: 6754 U.S. PETRO -SGS
Pace Project No.: 40101767

Dear Brian Bailey:

Enclosed are the analytical results for sample(s) received by the laboratory on August 16, 2014. 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,

Steven Mleczo for
Brian Basten
brian.basten@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: 6754 U.S. PETRO -SGS
Pace Project No.: 40101767

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

New York Certification #: 11888
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 6754 U.S. PETRO -SGS
Pace Project No.: 40101767

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40101767001	SS-1 @ 2' BLS	Solid	08/13/14 10:40	08/16/14 08:20
40101767002	SS-2 @ 2' BLS	Solid	08/13/14 10:45	08/16/14 08:20
40101767003	SS-3 @ 2' BLS	Solid	08/13/14 10:50	08/16/14 08:20
40101767004	SS-4 @ 3' BLS	Solid	08/13/14 10:55	08/16/14 08:20
40101767005	SS-5 @ 2' BLS	Solid	08/13/14 11:00	08/16/14 08:20
40101767006	SS-6 @ 2' BLS	Solid	08/13/14 11:05	08/16/14 08:20
40101767007	SS-7 @ 2' BLS	Solid	08/13/14 11:10	08/16/14 08:20
40101767008	SS-8 @ 2' BLS	Solid	08/13/14 11:15	08/16/14 08:20
40101767009	SS-9 @ 3' BLS	Solid	08/13/14 11:35	08/16/14 08:20
40101767010	SS-10 @ 3' BLS	Solid	08/13/14 11:40	08/16/14 08:20
40101767011	SS-11 @ 3' BLS	Solid	08/13/14 11:45	08/16/14 08:20
40101767012	SS-12 @ 3' BLS	Solid	08/13/14 11:50	08/16/14 08:20
40101767013	SS-13 @ 3' BLS	Solid	08/13/14 11:55	08/16/14 08:20
40101767014	SS-14 @ 3' BLS	Solid	08/13/14 12:00	08/16/14 08:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 6754 U.S. PETRO -SGS
Pace Project No.: 40101767

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40101767001	SS-1 @ 2' BLS	WI MOD GRO ASTM D2974-87	LCF AH	10 1
40101767002	SS-2 @ 2' BLS	WI MOD GRO ASTM D2974-87	LCF AH	10 1
40101767003	SS-3 @ 2' BLS	WI MOD GRO ASTM D2974-87	LCF AH	10 1
40101767004	SS-4 @ 3' BLS	WI MOD GRO ASTM D2974-87	LCF AH	10 1
40101767005	SS-5 @ 2' BLS	WI MOD GRO ASTM D2974-87	LCF AH	10 1
40101767006	SS-6 @ 2' BLS	WI MOD GRO ASTM D2974-87	LCF AH	10 1
40101767007	SS-7 @ 2' BLS	WI MOD GRO ASTM D2974-87	LCF AH	10 1
40101767008	SS-8 @ 2' BLS	WI MOD GRO ASTM D2974-87	LCF AH	10 1
40101767009	SS-9 @ 3' BLS	WI MOD GRO ASTM D2974-87	LCF AH	10 1
40101767010	SS-10 @ 3' BLS	WI MOD GRO ASTM D2974-87	LCF AH	10 1
40101767011	SS-11 @ 3' BLS	WI MOD GRO ASTM D2974-87	LCF AH	10 1
40101767012	SS-12 @ 3' BLS	WI MOD GRO ASTM D2974-87	LCF AH	10 1
40101767013	SS-13 @ 3' BLS	WI MOD GRO ASTM D2974-87	LCF AH	10 1
40101767014	SS-14 @ 3' BLS	WI MOD GRO ASTM D2974-87	LCF AH	10 1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 6754 U.S. PETRO -SGS
 Pace Project No.: 40101767

Sample: SS-1 @ 2' BLS Lab ID: 40101767001 Collected: 08/13/14 10:40 Received: 08/16/14 08:20 Matrix: Solid
 Results reported on a "dry-weight" basis

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	08/20/14 07:02	08/20/14 12:24	71-43-2	W
Ethylbenzene	<25.0 ug/kg		60.0	25.0	1	08/20/14 07:02	08/20/14 12:24	100-41-4	W
Methyl-tert-butyl ether	<25.0 ug/kg		60.0	25.0	1	08/20/14 07:02	08/20/14 12:24	1634-04-4	W
Naphthalene	<25.0 ug/kg		60.0	25.0	1	08/20/14 07:02	08/20/14 12:24	91-20-3	W
Toluene	<25.0 ug/kg		60.0	25.0	1	08/20/14 07:02	08/20/14 12:24	108-88-3	W
1,2,4-Trimethylbenzene	<25.0 ug/kg		60.0	25.0	1	08/20/14 07:02	08/20/14 12:24	95-63-6	W
1,3,5-Trimethylbenzene	<25.0 ug/kg		60.0	25.0	1	08/20/14 07:02	08/20/14 12:24	108-67-8	W
m&p-Xylene	<50.0 ug/kg		120	50.0	1	08/20/14 07:02	08/20/14 12:24	179601-23-1	W
o-Xylene	<25.0 ug/kg		60.0	25.0	1	08/20/14 07:02	08/20/14 12:24	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	101 %		80-120		1	08/20/14 07:02	08/20/14 12:24	98-08-8	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	4.7 %		0.10	0.10	1		08/18/14 15:58		

Sample: SS-2 @ 2' BLS Lab ID: 40101767002 Collected: 08/13/14 10:45 Received: 08/16/14 08:20 Matrix: Solid
 Results reported on a "dry-weight" basis

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	08/20/14 07:02	08/20/14 12:49	71-43-2	W
Ethylbenzene	<25.0 ug/kg		60.0	25.0	1	08/20/14 07:02	08/20/14 12:49	100-41-4	W
Methyl-tert-butyl ether	<25.0 ug/kg		60.0	25.0	1	08/20/14 07:02	08/20/14 12:49	1634-04-4	W
Naphthalene	<25.0 ug/kg		60.0	25.0	1	08/20/14 07:02	08/20/14 12:49	91-20-3	W
Toluene	<25.0 ug/kg		60.0	25.0	1	08/20/14 07:02	08/20/14 12:49	108-88-3	W
1,2,4-Trimethylbenzene	65.6 ug/kg		62.4	26.0	1	08/20/14 07:02	08/20/14 12:49	95-63-6	
1,3,5-Trimethylbenzene	<25.0 ug/kg		60.0	25.0	1	08/20/14 07:02	08/20/14 12:49	108-67-8	W
m&p-Xylene	<50.0 ug/kg		120	50.0	1	08/20/14 07:02	08/20/14 12:49	179601-23-1	W
o-Xylene	<25.0 ug/kg		60.0	25.0	1	08/20/14 07:02	08/20/14 12:49	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	102 %		80-120		1	08/20/14 07:02	08/20/14 12:49	98-08-8	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	3.8 %		0.10	0.10	1		08/18/14 15:58		

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ANALYTICAL RESULTS

Project: 6754 U.S. PETRO -SGS
 Pace Project No.: 40101767

Sample: SS-3 @ 2' BLS Lab ID: 40101767003 Collected: 08/13/14 10:50 Received: 08/16/14 08:20 Matrix: Solid

Results reported on a "dry-weight" basis

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	08/20/14 07:02	08/20/14 13:15	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 13:15	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 13:15	1634-04-4	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 13:15	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 13:15	108-88-3	W
1,2,4-Trimethylbenzene	26.1J	ug/kg	62.1	25.9	1	08/20/14 07:02	08/20/14 13:15	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 13:15	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	08/20/14 07:02	08/20/14 13:15	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 13:15	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1	08/20/14 07:02	08/20/14 13:15	98-08-8	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	3.3	%	0.10	0.10	1		08/18/14 15:58		

Sample: SS-4 @ 3' BLS Lab ID: 40101767004 Collected: 08/13/14 10:55 Received: 08/16/14 08:20 Matrix: Solid

Results reported on a "dry-weight" basis

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	08/20/14 07:02	08/20/14 13:40	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 13:40	100-41-4	W
Methyl-tert-butyl ether	50.0J	ug/kg	70.4	29.3	1	08/20/14 07:02	08/20/14 13:40	1634-04-4	W
Naphthalene	114	ug/kg	70.4	29.3	1	08/20/14 07:02	08/20/14 13:40	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 13:40	108-88-3	W
1,2,4-Trimethylbenzene	40.0J	ug/kg	70.4	29.3	1	08/20/14 07:02	08/20/14 13:40	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 13:40	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	08/20/14 07:02	08/20/14 13:40	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 13:40	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1	08/20/14 07:02	08/20/14 13:40	98-08-8	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	14.7	%	0.10	0.10	1		08/18/14 15:58		

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ANALYTICAL RESULTS

Project: 6754 U.S. PETRO -SGS

Pace Project No.: 40101767

Sample: **SS-5 @ 2' BLS** Lab ID: **40101767005** Collected: 08/13/14 11:00 Received: 08/16/14 08:20 Matrix: Solid

Results reported on a "dry-weight" basis

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	08/20/14 07:02	08/20/14 14:06	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 14:06	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 14:06	1634-04-4	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 14:06	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 14:06	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 14:06	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 14:06	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	08/20/14 07:02	08/20/14 14:06	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 14:06	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1	08/20/14 07:02	08/20/14 14:06	98-08-8	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	12.4	%	0.10	0.10	1		08/18/14 16:23		

Sample: **SS-6 @ 2' BLS** Lab ID: **40101767006** Collected: 08/13/14 11:05 Received: 08/16/14 08:20 Matrix: Solid

Results reported on a "dry-weight" basis

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	08/20/14 07:02	08/20/14 14:31	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 14:31	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 14:31	1634-04-4	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 14:31	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 14:31	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 14:31	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 14:31	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	08/20/14 07:02	08/20/14 14:31	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 14:31	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1	08/20/14 07:02	08/20/14 14:31	98-08-8	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	8.7	%	0.10	0.10	1		08/18/14 16:23		

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ANALYTICAL RESULTS

Project: 6754 U.S. PETRO -SGS
 Pace Project No.: 40101767

Sample: SS-7 @ 2' BLS Lab ID: 40101767007 Collected: 08/13/14 11:10 Received: 08/16/14 08:20 Matrix: Solid

Results reported on a "dry-weight" basis

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	08/20/14 07:02	08/20/14 14:57	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 14:57	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 14:57	1634-04-4	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 14:57	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 14:57	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 14:57	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 14:57	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	08/20/14 07:02	08/20/14 14:57	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 14:57	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1	08/20/14 07:02	08/20/14 14:57	98-08-8	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	9.1	%	0.10	0.10	1		08/18/14 16:23		

Sample: SS-8 @ 2' BLS Lab ID: 40101767008 Collected: 08/13/14 11:15 Received: 08/16/14 08:20 Matrix: Solid

Results reported on a "dry-weight" basis

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	08/20/14 07:02	08/20/14 15:22	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 15:22	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 15:22	1634-04-4	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 15:22	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 15:22	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 15:22	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 15:22	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	08/20/14 07:02	08/20/14 15:22	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 15:22	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1	08/20/14 07:02	08/20/14 15:22	98-08-8	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	13.5	%	0.10	0.10	1		08/18/14 16:23		

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ANALYTICAL RESULTS

Project: 6754 U.S. PETRO -SGS
Pace Project No.: 40101767

Sample: **SS-9 @ 3' BLS** Lab ID: **40101767009** Collected: 08/13/14 11:35 Received: 08/16/14 08:20 Matrix: Solid

Results reported on a "dry-weight" basis

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	08/20/14 07:02	08/20/14 15:48	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 15:48	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 15:48	1634-04-4	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 15:48	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 15:48	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 15:48	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 15:48	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	08/20/14 07:02	08/20/14 15:48	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 15:48	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1	08/20/14 07:02	08/20/14 15:48	98-08-8	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	10.3	%	0.10	0.10	1		08/18/14 16:23		

Sample: **SS-10 @ 3' BLS** Lab ID: **40101767010** Collected: 08/13/14 11:40 Received: 08/16/14 08:20 Matrix: Solid

Results reported on a "dry-weight" basis

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	08/20/14 07:02	08/20/14 19:37	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 19:37	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 19:37	1634-04-4	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 19:37	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 19:37	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 19:37	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 19:37	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	08/20/14 07:02	08/20/14 19:37	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 19:37	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1	08/20/14 07:02	08/20/14 19:37	98-08-8	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	10.7	%	0.10	0.10	1		08/18/14 16:24		

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ANALYTICAL RESULTS

Project: 6754 U.S. PETRO -SGS
 Pace Project No.: 40101767

Sample: SS-11 @ 3' BLS Lab ID: 40101767011 Collected: 08/13/14 11:45 Received: 08/16/14 08:20 Matrix: Solid

Results reported on a "dry-weight" basis

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	08/20/14 07:02	08/20/14 20:02	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 20:02	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 20:02	1634-04-4	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 20:02	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 20:02	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 20:02	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 20:02	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	08/20/14 07:02	08/20/14 20:02	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 20:02	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100 %		80-120		1	08/20/14 07:02	08/20/14 20:02	98-08-8	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	11.9 %		0.10	0.10	1		08/18/14 16:24		

Sample: SS-12 @ 3' BLS Lab ID: 40101767012 Collected: 08/13/14 11:50 Received: 08/16/14 08:20 Matrix: Solid

Results reported on a "dry-weight" basis

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	08/20/14 07:02	08/20/14 20:28	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 20:28	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 20:28	1634-04-4	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 20:28	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 20:28	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 20:28	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 20:28	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	08/20/14 07:02	08/20/14 20:28	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 20:28	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100 %		80-120		1	08/20/14 07:02	08/20/14 20:28	98-08-8	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	8.7 %		0.10	0.10	1		08/18/14 16:24		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 6754 U.S. PETRO -SGS
 Pace Project No.: 40101767

Sample: SS-13 @ 3' BLS Lab ID: 40101767013 Collected: 08/13/14 11:55 Received: 08/16/14 08:20 Matrix: Solid
 Results reported on a "dry-weight" basis

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	08/20/14 07:02	08/20/14 20:53	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 20:53	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 20:53	1634-04-4	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 20:53	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 20:53	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 20:53	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 20:53	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	08/20/14 07:02	08/20/14 20:53	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	08/20/14 07:02	08/20/14 20:53	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	105	%	80-120		1	08/20/14 07:02	08/20/14 20:53	98-08-8	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	14.4	%	0.10	0.10	1		08/18/14 16:24		

Sample: SS-14 @ 3' BLS Lab ID: 40101767014 Collected: 08/13/14 12:00 Received: 08/16/14 08:20 Matrix: Solid
 Results reported on a "dry-weight" basis

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	<200	ug/kg	480	200	8	08/20/14 07:02	08/20/14 17:04	71-43-2	W
Ethylbenzene	3570	ug/kg	577	241	8	08/20/14 07:02	08/20/14 17:04	100-41-4	
Methyl-tert-butyl ether	501J	ug/kg	577	241	8	08/20/14 07:02	08/20/14 17:04	1634-04-4	
Naphthalene	5890	ug/kg	577	241	8	08/20/14 07:02	08/20/14 17:04	91-20-3	
Toluene	<200	ug/kg	480	200	8	08/20/14 07:02	08/20/14 17:04	108-88-3	W
1,2,4-Trimethylbenzene	41000	ug/kg	577	241	8	08/20/14 07:02	08/20/14 17:04	95-63-6	
1,3,5-Trimethylbenzene	14200	ug/kg	577	241	8	08/20/14 07:02	08/20/14 17:04	108-67-8	
m&p-Xylene	9430	ug/kg	1150	481	8	08/20/14 07:02	08/20/14 17:04	179601-23-1	
o-Xylene	1600	ug/kg	577	241	8	08/20/14 07:02	08/20/14 17:04	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	138	%	80-120		8	08/20/14 07:02	08/20/14 17:04	98-08-8	S7
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	16.9	%	0.10	0.10	1		08/18/14 16:24		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 6754 U.S. PETRO -SGS
Pace Project No.: 40101767

QC Batch: GCV/13019 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 40101767001, 40101767002, 40101767003, 40101767004, 40101767005, 40101767006, 40101767007, 40101767008, 40101767009, 40101767010, 40101767011, 40101767012, 40101767013, 40101767014

METHOD BLANK: 1029113 Matrix: Solid
Associated Lab Samples: 40101767001, 40101767002, 40101767003, 40101767004, 40101767005, 40101767006, 40101767007, 40101767008, 40101767009, 40101767010, 40101767011, 40101767012, 40101767013, 40101767014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<25.0	50.0	08/20/14 09:51	
1,3,5-Trimethylbenzene	ug/kg	<25.0	50.0	08/20/14 09:51	
Benzene	ug/kg	<25.0	50.0	08/20/14 09:51	
Ethylbenzene	ug/kg	<25.0	50.0	08/20/14 09:51	
m&p-Xylene	ug/kg	<50.0	100	08/20/14 09:51	
Methyl-tert-butyl ether	ug/kg	<25.0	50.0	08/20/14 09:51	
Naphthalene	ug/kg	<25.0	50.0	08/20/14 09:51	
o-Xylene	ug/kg	<25.0	50.0	08/20/14 09:51	
Toluene	ug/kg	<25.0	50.0	08/20/14 09:51	
a,a,a-Trifluorotoluene (S)	%	113	80-120	08/20/14 09:51	

Parameter	Units	1029114		1029115		% Rec Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec				
1,2,4-Trimethylbenzene	ug/kg	1000	1030	1080	103	108	80-120	5	20
1,3,5-Trimethylbenzene	ug/kg	1000	1020	1060	102	106	80-120	4	20
Benzene	ug/kg	1000	1060	1110	106	111	80-120	5	20
Ethylbenzene	ug/kg	1000	1060	1110	106	111	80-120	5	20
m&p-Xylene	ug/kg	2000	2130	2240	107	112	80-120	5	20
Methyl-tert-butyl ether	ug/kg	1000	1040	1080	104	108	80-120	4	20
Naphthalene	ug/kg	1000	1090	1140	109	114	80-120	5	20
o-Xylene	ug/kg	1000	1070	1130	107	113	80-120	5	20
Toluene	ug/kg	1000	1070	1120	107	112	80-120	5	20
a,a,a-Trifluorotoluene (S)	%				106	105	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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QUALITY CONTROL DATA

Project: 6754 U.S. PETRO -SGS
Pace Project No.: 40101767

QC Batch: PMST/10117 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40101767001, 40101767002, 40101767003, 40101767004

SAMPLE DUPLICATE: 1028195

Parameter	Units	40101223003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.0	16.2	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.

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QUALITY CONTROL DATA

Project: 6754 U.S. PETRO -SGS
Pace Project No.: 40101767

QC Batch: PMST/10118 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40101767005, 40101767006, 40101767007, 40101767008, 40101767009, 40101767010, 40101767011,
40101767012, 40101767013, 40101767014

SAMPLE DUPLICATE: 1028215

Parameter	Units	40101767014 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.9	16.8	0	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.

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QUALIFIERS

Project: 6754 U.S. PETRO -SGS
Pace Project No.: 40101767

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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.

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

LOD - Limit of Detection.

LOQ - Limit of Quantitation.

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

S7 Surrogate recovery outside control limits (not confirmed by re-analysis).

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 6754 U.S. PETRO -SGS
Pace Project No.: 40101767

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40101767001	SS-1 @ 2' BLS	TPH GRO/PVOC WI ext.	GCV/13019	WI MOD GRO	GCV/13024
40101767002	SS-2 @ 2' BLS	TPH GRO/PVOC WI ext.	GCV/13019	WI MOD GRO	GCV/13024
40101767003	SS-3 @ 2' BLS	TPH GRO/PVOC WI ext.	GCV/13019	WI MOD GRO	GCV/13024
40101767004	SS-4 @ 3' BLS	TPH GRO/PVOC WI ext.	GCV/13019	WI MOD GRO	GCV/13024
40101767005	SS-5 @ 2' BLS	TPH GRO/PVOC WI ext.	GCV/13019	WI MOD GRO	GCV/13024
40101767006	SS-6 @ 2' BLS	TPH GRO/PVOC WI ext.	GCV/13019	WI MOD GRO	GCV/13024
40101767007	SS-7 @ 2' BLS	TPH GRO/PVOC WI ext.	GCV/13019	WI MOD GRO	GCV/13024
40101767008	SS-8 @ 2' BLS	TPH GRO/PVOC WI ext.	GCV/13019	WI MOD GRO	GCV/13024
40101767009	SS-9 @ 3' BLS	TPH GRO/PVOC WI ext.	GCV/13019	WI MOD GRO	GCV/13024
40101767010	SS-10 @ 3' BLS	TPH GRO/PVOC WI ext.	GCV/13019	WI MOD GRO	GCV/13024
40101767011	SS-11 @ 3' BLS	TPH GRO/PVOC WI ext.	GCV/13019	WI MOD GRO	GCV/13024
40101767012	SS-12 @ 3' BLS	TPH GRO/PVOC WI ext.	GCV/13019	WI MOD GRO	GCV/13024
40101767013	SS-13 @ 3' BLS	TPH GRO/PVOC WI ext.	GCV/13019	WI MOD GRO	GCV/13024
40101767014	SS-14 @ 3' BLS	TPH GRO/PVOC WI ext.	GCV/13019	WI MOD GRO	GCV/13024
40101767001	SS-1 @ 2' BLS	ASTM D2974-87	PMST/10117		
40101767002	SS-2 @ 2' BLS	ASTM D2974-87	PMST/10117		
40101767003	SS-3 @ 2' BLS	ASTM D2974-87	PMST/10117		
40101767004	SS-4 @ 3' BLS	ASTM D2974-87	PMST/10117		
40101767005	SS-5 @ 2' BLS	ASTM D2974-87	PMST/10118		
40101767006	SS-6 @ 2' BLS	ASTM D2974-87	PMST/10118		
40101767007	SS-7 @ 2' BLS	ASTM D2974-87	PMST/10118		
40101767008	SS-8 @ 2' BLS	ASTM D2974-87	PMST/10118		
40101767009	SS-9 @ 3' BLS	ASTM D2974-87	PMST/10118		
40101767010	SS-10 @ 3' BLS	ASTM D2974-87	PMST/10118		
40101767011	SS-11 @ 3' BLS	ASTM D2974-87	PMST/10118		
40101767012	SS-12 @ 3' BLS	ASTM D2974-87	PMST/10118		
40101767013	SS-13 @ 3' BLS	ASTM D2974-87	PMST/10118		
40101767014	SS-14 @ 3' BLS	ASTM D2974-87	PMST/10118		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: **REI**
 Branch/Location: **Wausau**
 Project Contact: **Brian Bailey**
 Phone: **715-675-9784**
 Project Number: **6754**
 Project Name: **U.S. Petro - SGS**
 Project State: **WI**
 Sampled By (Print): **Brian Bailey**
 Sampled By (Sign): *[Signature]*
 PO #:



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

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CHAIN OF CUSTODY

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

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

V/I/N	Pick Letter	Matrix Code	Analysis Requested
N	F		PVOc+Napthalen 07 Wt.
N	A		

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

MS/MSD (billable)
 On your sample
 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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Analysis Requested	
		DATE	TIME		F	A
001	SS-1 @ 2' BLS	8/13/14	10:40A	S	X	X
002	SS-2 @ 2' BLS	8/13/14	10:45A	S	X	X
003	SS-3 @ 2' BLS	8/13/14	10:50A	S	X	X
004	SS-4 @ 3' BLS	8/13/14	10:55A	S	X	X
005	SS-5 @ 2' BLS	8/13/14	11:00A	S	X	X
006	SS-6 @ 2' BLS	8/13/14	11:05A	S	X	X
007	SS-7 @ 2' BLS	8/13/14	11:10A	S	X	X
008	SS-8 @ 2' BLS	8/13/14	11:15A	S	X	X
009	SS-9 @ 3' BLS	8/13/14	11:25A	S	X	X
010	SS-10 @ 3' BLS	8/13/14	11:40A	S	X	X
011	SS-11 @ 3' BLS	8/13/14	11:45A	S	X	X
012	SS-12 @ 3' BLS	8/13/14	11:50A	S	X	X
013	SS-13 @ 3' BLS	8/13/14	11:55A	S	X	X

Quote #:

Mail To Contact: Brian Bailey

Mail To Company: REI

Mail To Address: 4080 N. 20th Ave
Wausau, WI 54408

Invoice To Contact: SAA

Invoice To Company:

Invoice To Address:

Invoice To Phone:

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
1-40ml VF		
1-402P		

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

Relinquished By: *Scotty Blader* Date/Time: 8/15/14 9:30a.
 Relinquished By: *Walt Co* Date/Time: 8/16/14 0920
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: _____
 Received By: *S. Paul* Date/Time: 8/16/14 0820
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

Transmit Prelim Rush Results by (complete what you want):
 Email #1: _____
 Email #2: _____
 Telephone: _____
 Fax: _____

PACE Project No.
 40101767
 Receipt Temp = 6 °C
 Sample Receipt pH
 OK / Adjusted
 Cooler Custody Seal
 Present / Not Present
 Intact / Not Intact

(Please Print Clearly)

Company Name: REI
 Branch/Location: Wausau
 Project Contact: Brian Bailey
 Phone: 715-675-9784
 Project Number: 6754
 Project Name: U.S. Petro - SGS
 Project State: WI
 Sampled By (Print): Brian Bailey
 Sampled By (Sign): *[Signature]*
 PO #:
 Regulatory Program:



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

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 40101767
 Page 8 of 19

CHAIN OF CUSTODY

***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

Quote #:
 Mail To Contact: Brian Bailey
 Mail To Company: REI
 Mail To Address: 4060 N. 20th Ave
 Wausau, WI 54401
 Invoice To Contact: SAA
 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 = Biots DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	Pick Letter	Analysis Requested	Preservation Code	Notes	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
		DATE	TIME									
014	SS-14 @ 3' BLS	8/13/14	12:00 P	S	N	F	N			1-40m 2V	1-402P	

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:		Relinquished By: <i>[Signature]</i> Date/Time: 08/15 9:30a	Received By: Date/Time:	PACE Project No. Receipt Temp = 6 °C Sample Receipt pH OK / Adjusted Cooler Custody Seal Present / Not Present Intact / Not Intact
Transmit Prelim Rush Results by (complete what you want):		Relinquished By: <i>[Signature]</i> Date/Time: 8/16/14 08:22	Received By: <i>[Signature]</i> Date/Time: 8/16/14 08:22	
Email #1:		Relinquished By:	Date/Time:	
Email #2:		Relinquished By:	Date/Time:	
Telephone:		Relinquished By:	Date/Time:	
Fax:		Relinquished By:	Date/Time:	



Sample Condition Upon Receipt

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

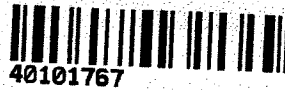
Client Name: REI

Project #:

WO#: 40101767

Courier: Fed Ex UPS Client Pace Other: Walgreens

Tracking #: 616301



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 SK-44 Type of Ice: Wet Blue Dry None

Cooler Temperature Uncorr: 6 /Corr: 6 Biological Tissue is Frozen: yes

Temp Blank Present: yes no

Person examining contents:

Date: 8/16/14

Initials: SR

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

Comments:

Table with 15 rows and 3 columns. Columns: Question, Yes/No/N/A checkboxes, and Numbered comments. Includes items like Chain of Custody Present, Samples Arrived within Hold Time, Short Hold Time Analysis, Containers Intact, etc.

Client Notification/ Resolution:

Person Contacted: Date/Time:

Comments/ Resolution:

If checked, see attached form for additional comments

Project Manager Review:

Date: 8-18-14