Recommendation for Case Closure & NFA/NAR Submittals

Reset Form

BRRTS #: 03-09-559963	Activity Name: R&S Service and Repair	Original Review 4/4/2019	Follow-up Review

The following have participated in reviewing this closure request and support the closure recommendation:

Sign		Sign	
Sign		Sign	

Time Code: 370RRNH	Review Number: 1	Select for: ☐ VPLE ☐ DERF	PM Sign

Submittal/Review Type: (check box) ○ NR 726 Closure ○ NAR (NR 716.05) ◉ NFA (NR 708.09)

A. No Further Action (NFA) Determination under NR 708

Instructions: PM should identify an NFA recommendation before reviewing with peers and be prepared to discuss the selection. Section A will be finalized during the closure review session.

Select	Letter Number	BRRTS Code	Determination and Actions needed	Provide rationale, comments, & sampling needs below:
◉		**11** **83**	**Approve NFA Request -- without fee (no letter requested)** Check justification report type. ☐ SIR -- add 37 ☐ RAP -- add 147 ☐ Phase II ESA -- add 29 ☐ RAOR -- add 39 ☐ TSSA -- add 33 ☒ Other -- add 43 or appropriate code	Remedial action report
○	RR - 5153	**183** **11** **83**	**Approve NFA Request -- with fee** Consider remaining actions needed: ☐ Well abandonment ☐ Investigative waste disposal ☐ System abandonment ☐ Documentation revisions Prepare NFA Letter. ☐ Include text for soil < RCLs is present.	
○		**80**	**NFA Request Not Approved** Contact consultant/RP. Prepare response letter.	
○		**198**	**Decision cannot be made with presented information** Contact consultant/RP. Enter 199 when additional info is received.	

Seymour
Environmental Services, Inc.

Tel: 608-838-9120
Fax: 608-838-9121

August 10, 2012

Mr. Scott Decker
Decker Industries
14902 State Highway 124
Chippewa Falls, Wisconsin 54729

RE: Soil Remediation
R&S Service and Repair
14827 State Highway 124
Chippewa Falls, Wisconsin

Dear Mr. Decker,

Heller's Petroleum Service removed the tank system from the former R&S Service and Repair (Figure 1) on April 18, 2012 under a state lead contract. During the removal of the tank system soil contamination was encountered at the dispensing islands. The required tank removal assessment samples confirmed the presence of soil contamination. The samples collected beneath both of the pump islands, samples called pump #1, pump #2, and pump #4 + 5 all contained compounds above both the Wisconsin Department of Natural Resources (WDNR) NR720 allowable residual contaminant levels (RCLs) and/or the NR746 Table 1 (indicator of saturated soil pores) and Table 2 values (direct contact hazard level). Additionally, the north sample collected beneath the 2,000-gallon diesel underground storage tank (UST) had one compound present above the RCL. Figure 2 shows the site layout and the location of the tank removal assessment samples.

Seymour Environmental Services, Inc. (Seymour) was retained to investigate and/or remediate the identified contaminated soil. We decided that installing test pits to determine the depth of the contamination and immediately below the leaking pumps would allow us to determine if the contamination reached the groundwater. Once the groundwater is impacted the investigation becomes more complicated. During the test pit investigation we determined that we could access and remove all of the contaminated soil. A profile had already been set up at the landfill for the purpose of completing the project in one event. Three loads of soil were taken to the landfill totaling 71.09 tons. The confirmation sample results show that all of the identified soil contamination that exceeded the Wisconsin Department of Natural Resources standards was removed. No further action is required.

Site Location: R&S Service and Repair
14827 State Highway 124
Chippewa Falls, Wisconsin

Consultant:	Seymour Environmental Services, Inc. 2531 Dyreson Road McFarland, Wisconsin 53558 Attn: Robyn Seymour (608) 838-9120
Analytical Laboratory:	Pace Analytical 1241 Bellevue Street Green Bay, Wisconsin 54302 Attn: Dan Milawsky (920) 469-2436
Remediation Contractor:	Frazer Excavating 16317 160th Street Chippewa Falls, Wisconsin 54729 Attn: Darrell Frazer (715) 288-6225
Landfill:	Veolia ES 7 Mile Creek Landfill, LLC 8001 Olson Road Eau Claire, Wisconsin 54703 Attn: Jim Davis (715) 830-0284

REMEDIAL EXCAVATION ACTIVITIES

On Thursday, June 21, 2012 Seymour met Frazer at the site to conduct the test pit investigation. During excavation activities, soil samples were collected and screened for organic vapors using a Photo-Ionization Detector (PID) with a 10.6 eV bulb. Details of the excavation activities as well as the location of the sidewall samples are shown on Figure 3. The laboratory results for both the tank removal samples and the remedial excavation confirmation samples are summarized on Table 1.

West Dispenser

Tank Removal - The tank removal assessment sample (pump#4+5) was collected at 3 feet below the ground surface (bgs). Several compounds were present above the RCL, Table 1 and Table 2 values.

Remedial Excavation - To determine the vertical extent of the soil contamination we began the excavation at the center of the dispenser (pump) island. Shallow disturbed soil was present to approximately four feet below the ground surface (bgs) where native silty clay was encountered. The shallow soil to about 5 feet bgs was heavily contaminated, exhibiting staining and a strong hydrocarbon odor. The excavation was extended until it appeared that soil contamination was no

longer present. The soil appeared "clean" between 8 ½ and 9 feet bgs, where the soil changed to fine sand.

After installing a test pit at the east dispenser we returned to complete the excavation at the west dispenser. The western excavation was completed first and the final measurements were 21 feet by 11 feet and 9 feet deep. We then excavated to 14 feet in the center of the excavation to establish five feet of separation between contamination and the groundwater. We did not encounter groundwater at 14 feet bgs or shallower.

East Dispenser

Tank Removal - Two soil samples were collected during the tank removal (pump#1 and #2) both had several compounds present above both the RCL and the Table 1 values.

Remedial Excavation - When we found the bottom of the contamination at the west island we moved to the east dispenser to determine the depth of the soil contamination at that location. The contamination appeared to dissipate at 6 feet bgs. After completing the west dispenser excavation we returned to the eastern dispenser and excavated the soil. The dimensions of that excavation were 20 feet by 8 feet and 6 feet deep. The soil was taken to the landfill the next day.

Diesel Underground Storage Tank

Tank Removal - The north sample collected beneath a tank exceeded the generic RCL for DRO, but no other compounds. Generally both the WDNR and the Department of Safety and Professional Services (DSPS) do not require a soil GIS if only GRO or DRO are present. Since we felt that we had been able to remove all of the other contaminated soil it made sense to excavate at the UST to make sure that heavier contamination was not present deeper and then to remove the soil above the DRO RCL.

Remedial Excavation - We excavated to the base of the former UST pit at 9 ft and then went one foot deeper. We did not observe any staining or odor. We removed soil from the bottom two feet of the excavation from 8-10 feet bgs in an area that measured about 4 feet square. The overburden was returned to the excavation.

Analytical Results

Soil samples were collected from the base and all four sidewalls of the two dispenser excavations. A soil sample was collected from the base of the diesel UST excavation. An additional soil sample was collected 5 feet below the base of the west dispenser excavation to establish 5 feet of clean soil before encountering groundwater.

All of the soil samples from the dispenser excavation were submitted to Pace Analytical for analysis of petroleum volatile organic hydrocarbons plus naphthalene (PVOC + naph.). The sample from the diesel tank excavation was submitted for analysis of diesel range organics (DRO) since that was the only compound present in the tank assessment sample that exceeded any standards.

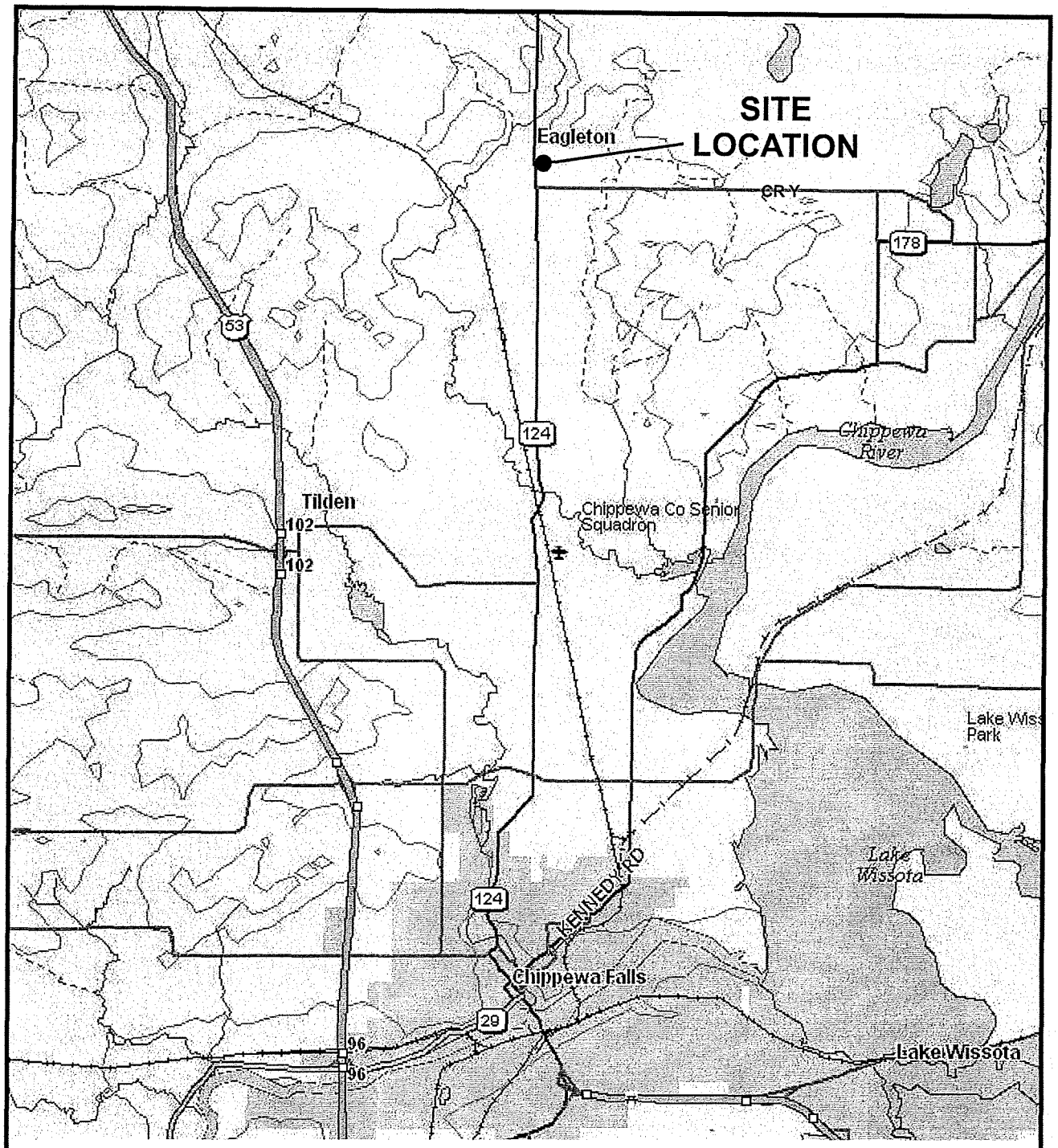
The soil analytical results from the samples collected during the tank removal assessment and the confirmation samples collected after the soil remediation are summarized on Table 1. All of the soils identified during the tank removal assessment with compounds above allowable levels have been removed and land filled. None of the confirmation samples had any compounds present above the standards. Only the samples from the east wall of the west dispenser excavation and the north wall of the east dispenser excavation had compounds present above their detection limit, all of which were orders of magnitude below the standards.

CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the soil sampling along the remedial excavation margins, the releases at the site no longer represent an environmental concern. No further investigation or remediation is necessary. If any of the enclosed information is unclear or you have any questions please call me at 608-838-9120.

Sincerely,
Seymour Environmental Services, Inc.
Robyn Seymour
Robyn Seymour, P.G.

Figures (3)
Table
Photographs
Disposal Documentation
Analytical Reports



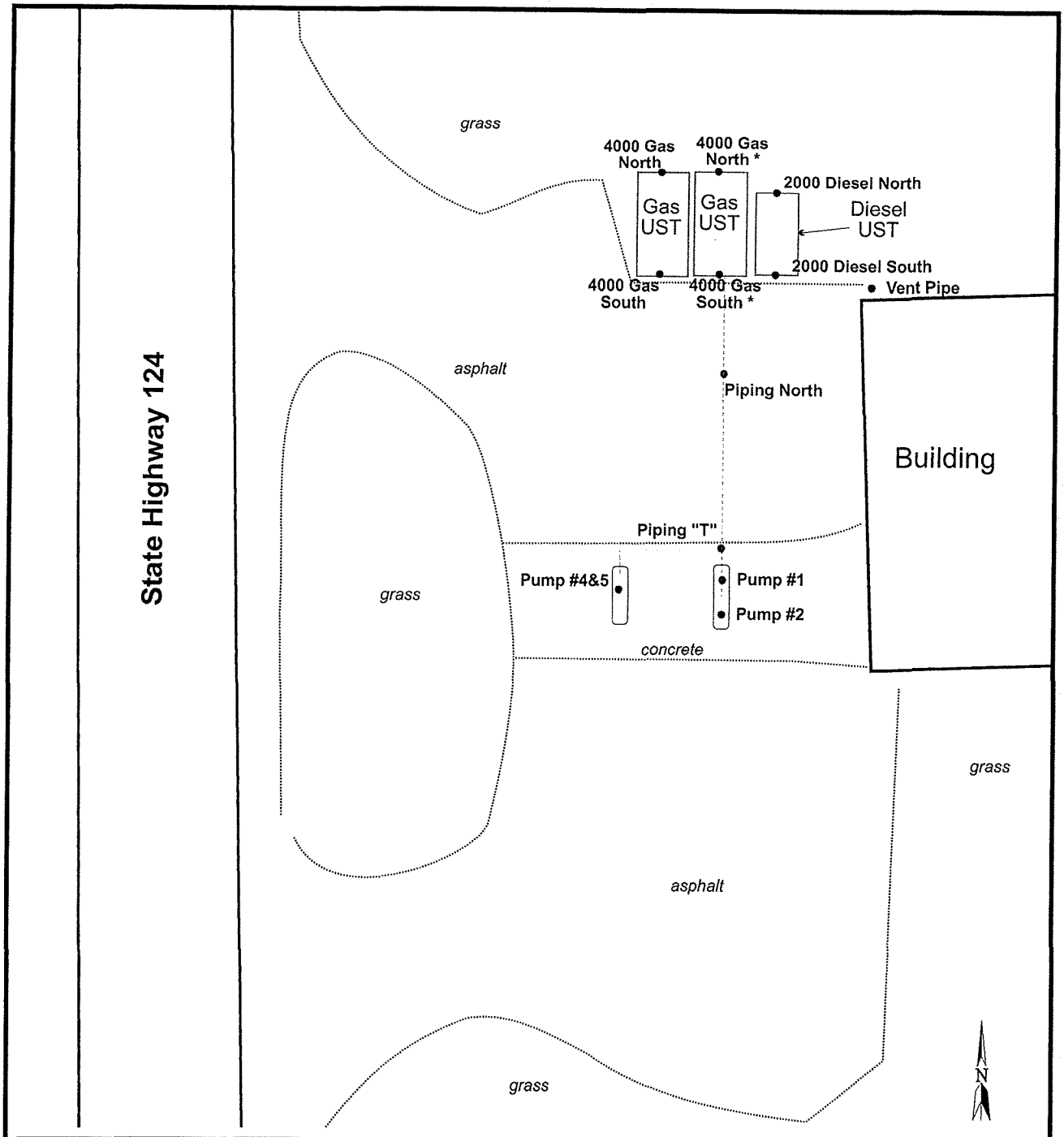
N

0' 8000' 16000'

1 INCH = 8000 FEET
SCALE IS APPROXIMATE

FILE/PATH: C:\PROJECTS\R&S SERVICE\ Fig1-Location.cdr
DATE: 08/08/2012
PREPARED: MDF APPROVED:
SOURCE:
DeLORME TOPO USA

SEYMOUR ENVIRONMENTAL SERVICES, INC.	SITE LOCATION R + S Service and Repair 14827 STH 124 North Chippewa Falls, Wisconsin	FIGURE 1



LEGEND

B-5
• - Tank Closure Sample (April 2012)

0' 20' 40'

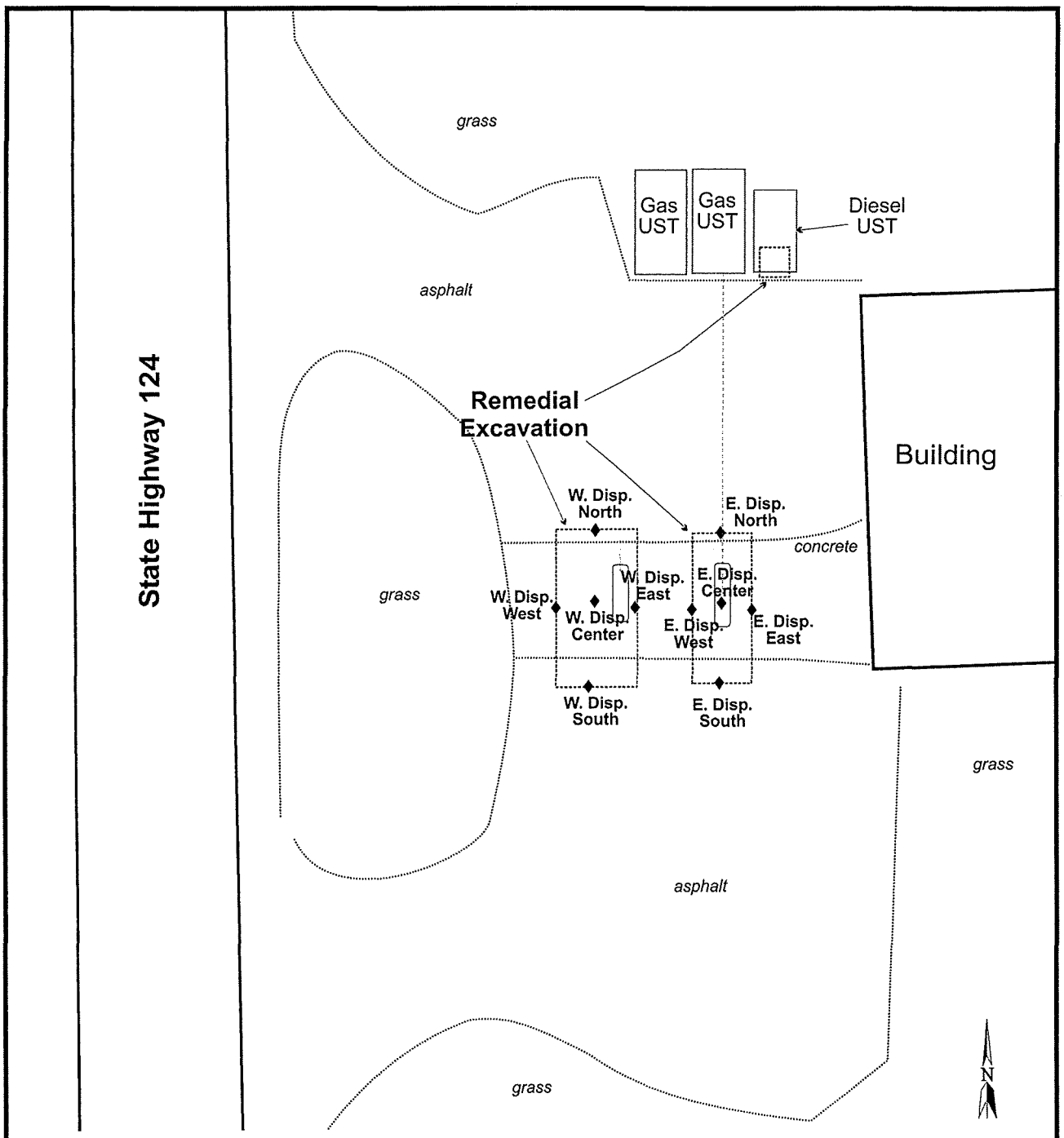
1 INCH = 20 FEET
SCALE IS APPROXIMATE

FILE/PATH: C:\PROJECTS\R&S SERVICE\ Fig2-Layout.cdr
DATE: 08/08/2012
PREPARED: MDF APPROVED:
SOURCE: FIELD MEASUREMENTS

SEYMOUR ENVIRONMENTAL SERVICES, INC.

SITE LAYOUT / TANK CLOSURE DATA
R + S Service and Repair
14827 STH 124 North
Chippewa Falls, Wisconsin

FIGURE
2



LEGEND

B-1 ♦ - Remedial Excavation Sample (June 2012)

0' 20' 40'

1 INCH = 20 FEET
SCALE IS APPROXIMATE

FILE/PATH: C:\PROJECTS\R&S SERVICE\ Fig3-Excavation.cdr
DATE: 08/08/2012
PREPARED: MDF APPROVED:
SOURCE: FIELD MEASUREMENTS

SEYMOUR ENVIRONMENTAL SERVICES, INC.

REMEDIAL EXCAVATION DETAILS
R + S Service and Repair
14827 STH 124 North
Chippewa Falls, Wisconsin

FIGURE 3

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA
R & S Service and Repair
14827 Highway 124- Chippewa Falls, Wisconsin

SAMPLE	Depth (ft)	DRO	GRO	Benzene	Ethylbenzene	MTBE	Toluene	1,3,5 Trimethylbenzene	1,2,4 Trimethylbenzene	Total Trimethylbenzene	Total Xylenes	Naphthalene
TANK CLOSURE (April 18, 2012)												
4000 Gas North End	11	na	7.1	<25.0	<25.0	<25.0	<25.0	<25.0	94.1	94.1	<75.0	<25.0
4000 Gas South End	11	na	<2.7	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	81.8
4000 Gas North End	11	na	<3.2	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
4000 Gas South End	11	na	<2.7	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
2000 Diesel South End	9	**115**	na	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
2000 Diesel North End	9	98.7	na	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	61.3
Vent Pipe	2	5.9	<2.9	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
Piping North	2	2.6	<2.7	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
Piping at T	2	1.8	<3.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
E. Dispenser Pump #1	4	**1080**	**2940**	<1000	2600	<1000	**2250**	102000	216000	318000	**185000**	**18400**
Pump #2	2	**433**	**131**	<50.0	<50.0	<50.0	<50.0	2540	1810	4350	1432	**1110**
W. Dispenser Pump #4+5	3	na	**2010**	<625	3240	<625	<625	81500	176000	257500	**66950**	**20300**
REMEDIAL EXCAVATION (June 21, 2012)												
W. Dispenser Center	9	na	na	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
W. Dispenser Center	14	na	na	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
W. Dispenser West	5	na	na	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
W. Dispenser East	6	na	na	<25.0	<25.0	<25.0	121	44.2	99.3	143.5	142.9	<25.0
W. Dispenser South	6	na	na	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
W. Dispenser North	5	na	na	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
E. Dispenser Center	7	na	na	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
E. Dispenser West	6	na	na	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
E. Dispenser South	5	na	na	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
E. Dispenser East	6	na	na	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
E. Dispenser North	5	na	na	<25.0	<25.0	<25.0	<25.0	<25.0	78.9	78.9	<75.0	<25.0
Diesel Tank South	10		na	na	na	na	na	na	na	na	na	na
NR720	RCLs	100	100	5.5	2900	ns	1500	ns	ns	ns	4100	400
NR746	Table 2	ns	ns	1100	ns	ns	ns	ns	ns	ns	ns	20000
	Table 1	ns	ns	8500	4600	ns	38000	11000	83000	ns	42000	2700

- DRO and GRO values are listed in mg/kg
- PVOC values are listed in ug/kg
- na = not analyzed
- ns = no standard established
- NR720 RCL = Residual Contaminant Level (exceedances bold)
- NR746 Table 1 = Indicator of saturated soil pores (exceedances shaded)
- NR746 Table 2 = Direct contact hazard level

PHOTO 1 - Start of west dispenser excavation looking south

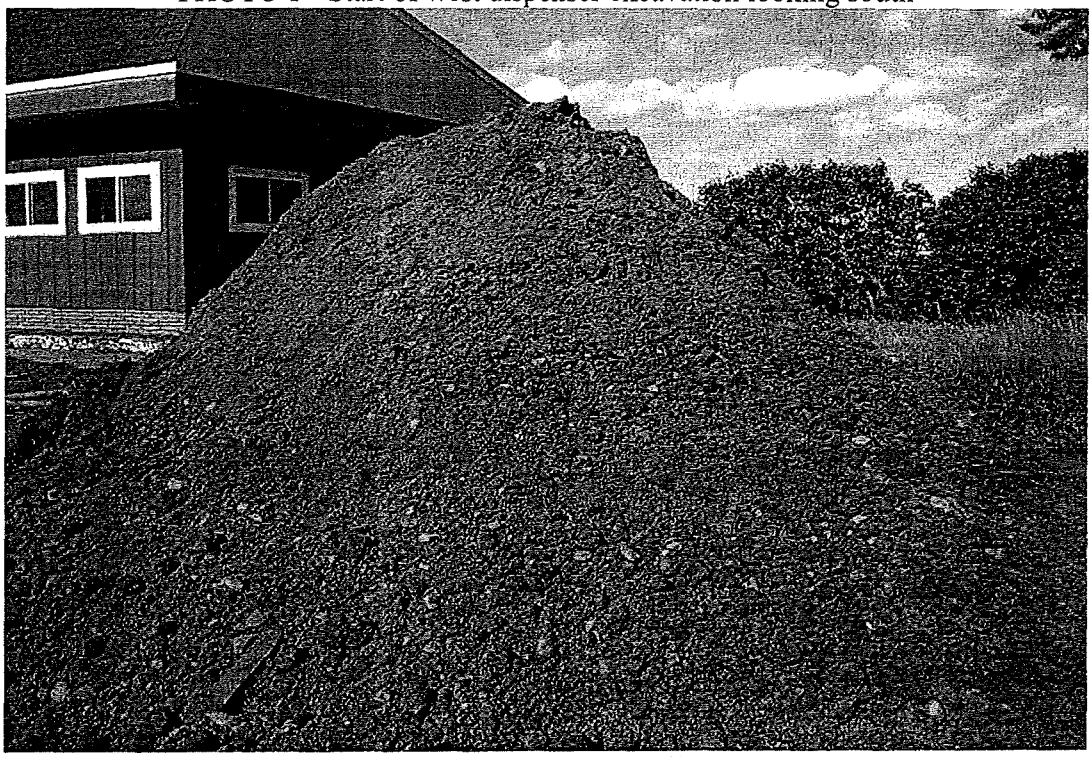


PHOTO 2- Soil stockpile

VEOLIA
ENVIRONMENTAL SERVICES

SOLID WASTE
NORTH AMERICA

Certificate of Destruction

This document certifies that 23.74 tons of C-Soil contaminated

Was Received from Veolia Env. Svcs. It was disposed of and destroyed

at Veolia ES Seven Mile Creek Landfill LLC. 8001 Olson Drive, Eau Claire, WI 54703

Ticket Number:_____

Manifest Number_____

Signed: NA Dated: _____
Gary Albee, Operations Manager

Signed: Tracey Tozer Dated: 6-22-12

Scale Operater

Veolia ES Seven Mile Creek Landfill, LLC
8001 Olson Drive, Eau Claire, WI 54703
tel: 715 830 0284 fax: 715 830 0285
www.VeoliaES.com

Non-Hazardous Waste Shipment Manifest or Asbestos Manifest

WSR # 62638

Generator

1. -A. Special Waste Profile # 120483100

1. -B. 24 Hour Response Telephone Number

1. Customer Name and Mailing Address: Ros Service and Repair, 14825 ST HWY 124, CHIPPEWA FALLS WI

Contact Name: SCOTT DECKER

Contact Phone No.: 715-288-6830

2. Site Address: SAME

Site Fax No.:

3. Waste Disposal Site (WDS) Name, Mailing Address, and Physical Site Location: **Veolia ES Seven Mile Creek Landfill, LLC, 8001 Olson Drive, Eau Claire, WI 54703**

WDS Phone Number: **(715) 830-0284**

4. Name and Address of Responsible Agency: U.S Environmental Protection Agency, Region V, 77 West Jackson, Chicago, IL 60604

5. Description of Materials	6. Containers No.	Type	7. Total Quantity m3	(yd3)
~~RQ Asbestos, 9, NA2212,PG III~~ 336 @ EY C-50.1 w/gasoline				

8. Special Handling Instructions and Additional Information: 24 HOURS NOTICE, MUST BE BURIED. (If Asbestos)

9. GENERATOR'S CERTIFICATION: I hereby declare that the contains of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in allrespects in proper condition for transport by highway according to applicable international and government regulations.

Print / Typed Name & Title | Signature | Month Day Year

Hauler

10 Transporter 1 (Acknowledgement of Receipt of Materials)

Print / Typed Name & Title: Adam Fraser

Address and Telephone No.: 16317 160th St Bloomer, WI 54724

Signature | Month Day Year

11. Transporter 2 (Acknowledgement of Receipt of Materials)

Print / Typed Name & Title | Signature | Month Day Year

Address and Telephone No.

Disposal Site

12. Discrepancy Indication Space

13. Waste Disposal Site Owner or Operator
Certification of receipt of waste materials covered by this manifest except as noted in item 11.

Print / Typed Name & Title: T. Boyer / Gate Attendant | Signature | Month Day Year: 10 22 12

North (Coordinates if Asbestos) East Elevation

WHITE - Waste Disposal Site CANARY - Generator/Operator PINK - Transporter GOLD - Generator/Operator

#976

VEOLIA
ENVIRONMENTAL SERVICES

SOLID WASTE
NORTH AMERICA

Certificate of Destruction

This document certifies that 24.05 tons of C-Soil & fuel

Was Received from Veolia Env. Svcs. It was disposed of and destroyed

at Veolia ES Seven Mile Creek Landfill LLC. 8001 Olson Drive, Eau Claire, WI 54703

Ticket Number:_____

Manifest Number_____

Signed: NA Dated: _____
Gary Albee, Operations Manager

Signed: Tracey Tozer Dated: 6-22-12

Scale Operater

Veolia ES Seven Mile Creek Landfill, LLC
8001 Olson Drive, Eau Claire, WI 54703
tel: 715 830 8284 fax: 715 830 8285
www.VeoliaES.com

Non-Hazardous Waste Shipment Manifest or Asbestos Manifest

WSR # 62637

Generator

1. - A. Special Waste Profile # 12048B10@

1. -B. 24 Hour Response Telephone Number

1. Customer Name and Mailing Address: K&S Service and Repair, 14827 ST. HWY 124, CHIPPEWA FALLS WI

Contact Name: Scott Decker

Contact Phone No.: 715-288-6830

2. Site Address: SAME

Site Fax No.

3. Waste Disposal Site (WDS) Name, Mailing Address, and Physical Site Location
Veolia ES Seven Mile Creek Landfill, LLC
8001 Olson Drive, Eau Claire, WI 54703

WDS Phone Number
(715) 830-0284

4. Name and Address of Responsible Agency
U.S Environmental Protection Agency, Region V
77 West Jackson, Chicago, IL 60604

5. Description of Materials	6. Containers No.	Type	7. Total Quantity m3	(yd3)
~~RQ Asbestos, 9, NA2212,PG III~~ 336@ Ea C-Soil w/ gasoline				

8. Special Handling Instructions and Additional Information
24 HOURS NOTICE, MUST BE BURIED. (If Asbestos)

9. GENERATOR'S CERTIFICATION: I hereby declare that the contains of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in allrespects in proper condition for transport by highway according to applicable international and government regulations.

Print / Typed Name & Title | Signature | Month Day Year

Hauler

10. Transporter 1 (Acknowledgement of Receipt of Materials)

Print / Typed Name & Title: Adan Frazer

Signature

Month Day Year

Address and Telephone No.: 16357 160th St Bloomer, WI 54724

11. Transporter 2 (Acknowledgement of Receipt of Materials)

Print / Typed Name & Title | Signature | Month Day Year

Address and Telephone No.

Disposal Site

12. Discrepancy Indication Space

13. Waste Disposal Site Owner or Operator
Certification of receipt of waste materials covered by this manifest except as noted in item 11.

Print / Typed Name & Title: L Lozar / Gate Attendant

Signature

Month Day Year: 6 22 12

North (Coordinates if Asbestos) East Elevation

WHITE - Waste Disposal Site CANARY - Generator/Operator PINK - Transporter GOLD - Generator/Operator

VEOLIA
ENVIRONMENTAL SERVICES

SOLID WASTE
NORTH AMERICA

Certificate of Destruction

This document certifies that 23.30 tons of C-Soil & Fuel

Was Received from Veolia Env. Svcs. It was disposed of and destroyed

at Veolia ES Seven Mile Creek Landfill LLC. 8001 Olson Drive, Eau Claire, WI 54703

Ticket Number:_____

Manifest Number_____

Signed: NA Dated: _____
Gary Albee, Operations Manager

Signed: Tracey Tozer Dated: 6-22-12

Scale Operater

Veolia ES Seven Mile Creek Landfill, LLC
8001 Olson Drive, Eau Claire, WI 54703
tel: 715 830 0284 fax: 715 830 0285
www.VeoliaES.com

#976

Non-Hazardous Waste Shipment Manifest or Asbestos Manifest

WSR # 62636

Generator

1. - A. Special Waste Profile # 12048 B10@

1. -B. 24 Hour Response Telephone Number

1. Customer Name and Mailing Address: R&S Service and Repair, 14827 St Hwy 124, Chippewa Falls WI

Contact Name: Scott Decker

Contact Phone No.: 715-288-6830

2. Site Address: SAME

Site Fax No.:

3. Waste Disposal Site (WDS) Name, Mailing Address, and Physical Site Location: **Veolia ES Seven Mile Creek Landfill, LLC, 8001 Olson Drive, Eau Claire, WI 54703**

WDS Phone Number: **(715) 830-0284**

4. Name and Address of Responsible Agency: U.S Environmental Protection Agency, Region V, 77 West Jackson, Chicago, IL 60604

5. Description of Materials	6. Containers No.	Type	7. Total Quantity m3	(yd3)
RQ Asbestos, 9, NA2212,PG III 33 @ 6x C-soil w/gasoline				

8. Special Handling Instructions and Additional Information: 24 HOURS NOTICE, MUST BE BURIED. (If Asbestos)

9. GENERATOR'S CERTIFICATION: I hereby declare that the contains of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in allrespects in proper condition for transport by highway according to applicable international and government regulations.

Print / Typed Name & Title	Signature	Month	Day	Year

Hauler

10. Transporter 1 (Acknowledgement of Receipt of Materials)

Print / Typed Name & Title	Signature	Month	Day	Year
Adam Frazer	Adam Frazer			

Address and Telephone No.: 16317 160th St Bloomer, WI

11. Transporter 2 (Acknowledgement of Receipt of Materials)

Print / Typed Name & Title	Signature	Month	Day	Year

Address and Telephone No.:

Disposal Site

12. Discrepancy Indication Space

13. Waste Disposal Site Owner or Operator
Certification of receipt of waste materials covered by this manifest except as noted in item 11.

Print / Typed Name & Title	Signature	Month	Day	Year
Trozer / Gate Attendant	T Trozer	6	22	12

North (Coordinates if Asbestos) East Elevation

WHITE - Waste Disposal Site CANARY - Generator/Operator PINK - Transporter GOLD - Generator/Operator

Pace Analytical®
www.pacelabs.com

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

July 13, 2012

Robyn Seymour
Seymour Environmental Services, INC.
2531 Dyreson Road
Mc Farland, WI 53558

RE: Project: R+S SERV. CHIPPEWA FALLS
Pace Project No.: 4062632

Dear Robyn Seymour:
Enclosed are the analytical results for sample(s) received by the laboratory on June 28, 2012. 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.

The DRO sample submitted with this project could not be prepped within its hold time and was canceled by the client.

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

Sincerely,

Dan Milewsky

Dan Milewsky

dan.milewsky@pacelabs.com
Project Manager

Enclosures

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

CERTIFICATIONS

Project: R+S SERV. CHIPPEWA FALLS
Pace Project No.: 4062632

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 Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

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

SAMPLE SUMMARY

Project: R+S SERV. CHIPPEWA FALLS
Pace Project No.: 4062632

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4062632001	W. DISPENSER CENTER 9'	Solid	06/21/12 15:30	06/28/12 09:00
4062632002	E. DISPENSER CENTER 7'	Solid	06/21/12 15:45	06/28/12 09:00
4062632003	W. DISPENSER WEST 5'	Solid	06/21/12 16:20	06/28/12 09:00
4062632004	W. DISPENSER EAST 6'	Solid	06/21/12 16:30	06/28/12 09:00
4062632005	W. DISPENSER SOUTH 6'	Solid	06/21/12 16:45	06/28/12 09:00
4062632006	W. DISPENSER NORTH 5'	Solid	06/21/12 17:00	06/28/12 09:00
4062632007	W. DISPENSER CENTER 14'	Solid	06/21/12 17:20	06/28/12 09:00
4062632008	E. DISPENSER WEST 6'	Solid	06/21/12 17:45	06/28/12 09:00
4062632009	E. DISPENSER SOUTH 5'	Solid	06/21/12 18:00	06/28/12 09:00
4062632010	E. DISPENSER EAST 6'	Solid	06/21/12 18:10	06/28/12 09:00
4062632011	E. DISPENSER NORTH 5'	Solid	06/21/12 18:25	06/28/12 09:00

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SAMPLE ANALYTE COUNT

Project: R+S SERV. CHIPPEWA FALLS
Pace Project No.: 4062632

Lab ID	Sample ID	Method	Analysts	Analytes Reported
4062632001	W. DISPENSER CENTER 9'	WI MOD GRO	PMS	10
		ASTM D2974-87	SKW	1
4062632002	E. DISPENSER CENTER 7'	WI MOD GRO	PMS	10
		ASTM D2974-87	SKW	1
4062632003	W. DISPENSER WEST 5'	WI MOD GRO	PMS	10
		ASTM D2974-87	SKW	1
4062632004	W. DISPENSER EAST 6'	WI MOD GRO	PMS	10
		ASTM D2974-87	SKW	1
4062632005	W. DISPENSER SOUTH 6'	WI MOD GRO	PMS	10
		ASTM D2974-87	SKW	1
4062632006	W. DISPENSER NORTH 5'	WI MOD GRO	PMS	10
		ASTM D2974-87	SKW	1
4062632007	W. DISPENSER CENTER 14'	WI MOD GRO	PMS	10
		ASTM D2974-87	SKW	1
4062632008	E. DISPENSER WEST 6'	WI MOD GRO	PMS	10
		ASTM D2974-87	SKW	1
4062632009	E. DISPENSER SOUTH 5'	WI MOD GRO	PMS	10
		ASTM D2974-87	SKW	1
4062632010	E. DISPENSER EAST 6'	WI MOD GRO	PMS	10
		ASTM D2974-87	SKW	1
4062632011	E. DISPENSER NORTH 5'	WI MOD GRO	PMS	10
		ASTM D2974-87	SKW	1

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PROJECT NARRATIVE

Project: R+S SERV. CHIPPEWA FALLS
Pace Project No.: 4062632

Method: **WI MOD GRO**
Description: WIGRO GCV
Client: SEYMOUR ENVIRONMENTAL SERVICES, INC.
Date: July 13, 2012

General Information:
11 samples were analyzed for WI MOD GRO. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with TPH GRO/PVOC WI ext. with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Sample Comments:

The DRO sample submitted with this project could not be prepped within its holding time, and was canceled by the client.
- W. DISPENSER CENTER 9' (Lab ID: 4062632001)

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: R+S SERV. CHIPPEWA FALLS
Pace Project No.: 4062632

Sample: W. DISPENSER CENTER 9' **Lab ID: 4062632001** Collected: 06/21/12 15:30 Received: 06/28/12 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Comments: • The DRO sample submitted with this project could not be prepped within its holding time, and was canceled by the client.

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	06/29/12 10:11	06/29/12 14:41	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 14:41	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 14:41	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 14:41	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 14:41	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 14:41	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 14:41	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	06/29/12 10:11	06/29/12 14:41	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 14:41	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%.	80-120		1	06/29/12 10:11	06/29/12 14:41	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**4.2**	%	0.10	0.10	1		07/12/12 15:33		

Sample: E. DISPENSER CENTER 7' **Lab ID: 4062632002** Collected: 06/21/12 15:45 Received: 06/28/12 09:00 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	06/29/12 10:11	06/29/12 15:06	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 15:06	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 15:06	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 15:06	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 15:06	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 15:06	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 15:06	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	06/29/12 10:11	06/29/12 15:06	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 15:06	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%.	80-120		1	06/29/12 10:11	06/29/12 15:06	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.3**	%	0.10	0.10	1		07/12/12 15:33		

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ANALYTICAL RESULTS

Project: R+S SERV. CHIPPEWA FALLS
Pace Project No.: 4062632

Sample: W. DISPENSER WEST 5' **Lab ID: 4062632003** Collected: 06/21/12 16:20 Received: 06/28/12 09:00 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	06/29/12 10:11	06/29/12 15:32	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 15:32	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 15:32	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 15:32	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 15:32	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 15:32	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 15:32	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	06/29/12 10:11	06/29/12 15:32	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 15:32	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%.	80-120		1	06/29/12 10:11	06/29/12 15:32	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**5.2**	%	0.10	0.10	1		07/12/12 15:33		

Sample: W. DISPENSER EAST 6' **Lab ID: 4062632004** Collected: 06/21/12 16:30 Received: 06/28/12 09:00 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	06/29/12 10:11	06/29/12 15:58	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 15:58	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 15:58	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 15:58	91-20-3	W
Toluene	**121**	ug/kg	65.6	27.3	1	06/29/12 10:11	06/29/12 15:58	108-88-3	
1,2,4-Trimethylbenzene	**99.3**	ug/kg	65.6	27.3	1	06/29/12 10:11	06/29/12 15:58	95-63-6	
1,3,5-Trimethylbenzene	**44.2J**	ug/kg	65.6	27.3	1	06/29/12 10:11	06/29/12 15:58	108-67-8	
m&p-Xylene	**109J**	ug/kg	131	54.6	1	06/29/12 10:11	06/29/12 15:58	179601-23-1	
o-Xylene	**33.9J**	ug/kg	65.6	27.3	1	06/29/12 10:11	06/29/12 15:58	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%.	80-120		1	06/29/12 10:11	06/29/12 15:58	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.5**	%	0.10	0.10	1		07/12/12 15:34		

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ANALYTICAL RESULTS

Project: R+S SERV. CHIPPEWA FALLS
Pace Project No.: 4062632

Sample: W. DISPENSER SOUTH 6' **Lab ID: 4062632005** Collected: 06/21/12 16:45 Received: 06/28/12 09:00 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	06/29/12 10:11	06/29/12 16:24	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 16:24	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 16:24	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 16:24	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 16:24	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 16:24	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 16:24	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	06/29/12 10:11	06/29/12 16:24	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 16:24	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%.	80-120		1	06/29/12 10:11	06/29/12 16:24	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.6**	%	0.10	0.10	1		07/12/12 15:34		

Sample: W. DISPENSER NORTH 5' **Lab ID: 4062632006** Collected: 06/21/12 17:00 Received: 06/28/12 09:00 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	06/29/12 10:11	06/29/12 16:49	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 16:49	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 16:49	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 16:49	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 16:49	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 16:49	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 16:49	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	06/29/12 10:11	06/29/12 16:49	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 16:49	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%.	80-120		1	06/29/12 10:11	06/29/12 16:49	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.2**	%	0.10	0.10	1		07/12/12 15:34		

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ANALYTICAL RESULTS

Project: R+S SERV. CHIPPEWA FALLS
Pace Project No.: 4062632

Sample: W. DISPENSER CENTER 14' **Lab ID: 4062632007** Collected: 06/21/12 17:20 Received: 06/28/12 09:00 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	06/29/12 10:11	06/29/12 17:15	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 17:15	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 17:15	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 17:15	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 17:15	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 17:15	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 17:15	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	06/29/12 10:11	06/29/12 17:15	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 17:15	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%.	80-120		1	06/29/12 10:11	06/29/12 17:15	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.8**	%	0.10	0.10	1		07/12/12 16:11		

Sample: E. DISPENSER WEST 6' **Lab ID: 4062632008** Collected: 06/21/12 17:45 Received: 06/28/12 09:00 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	06/29/12 10:11	06/29/12 17:40	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 17:40	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 17:40	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 17:40	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 17:40	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 17:40	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 17:40	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	06/29/12 10:11	06/29/12 17:40	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 17:40	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%.	80-120		1	06/29/12 10:11	06/29/12 17:40	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.1**	%	0.10	0.10	1		07/12/12 16:11		

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ANALYTICAL RESULTS

Project: R+S SERV. CHIPPEWA FALLS
Pace Project No.: 4062632

Sample: E. DISPENSER SOUTH 5' **Lab ID: 4062632009** Collected: 06/21/12 18:00 Received: 06/28/12 09:00 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	06/29/12 10:11	06/29/12 18:06	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 18:06	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 18:06	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 18:06	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 18:06	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 18:06	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 18:06	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	06/29/12 10:11	06/29/12 18:06	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 18:06	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%.	80-120		1	06/29/12 10:11	06/29/12 18:06	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.8**	%	0.10	0.10	1		07/12/12 16:11		

Sample: E. DISPENSER EAST 6' **Lab ID: 4062632010** Collected: 06/21/12 18:10 Received: 06/28/12 09:00 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	06/29/12 10:11	06/29/12 19:23	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 19:23	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 19:23	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 19:23	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 19:23	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 19:23	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 19:23	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	06/29/12 10:11	06/29/12 19:23	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 19:23	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%.	80-120		1	06/29/12 10:11	06/29/12 19:23	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.5**	%	0.10	0.10	1		07/12/12 16:11		

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ANALYTICAL RESULTS

Project: R+S SERV. CHIPPEWA FALLS
Pace Project No.: 4062632

Sample: E. DISPENSER NORTH 5' **Lab ID: 4062632011** Collected: 06/21/12 18:25 Received: 06/28/12 09:00 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	06/29/12 10:11	06/29/12 22:23	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 22:23	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 22:23	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 22:23	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 22:23	108-88-3	W
1,2,4-Trimethylbenzene	**78.9**	ug/kg	66.3	27.6	1	06/29/12 10:11	06/29/12 22:23	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 22:23	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	06/29/12 10:11	06/29/12 22:23	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	06/29/12 10:11	06/29/12 22:23	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%.	80-120		1	06/29/12 10:11	06/29/12 22:23	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.5**	%	0.10	0.10	1		07/12/12 16:12		

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QUALITY CONTROL DATA

Project: R+S SERV. CHIPPEWA FALLS
Pace Project No.: 4062632

QC Batch: GCV/8597 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 4062632001, 4062632002, 4062632003, 4062632004, 4062632005, 4062632006, 4062632007, 4062632008, 4062632009, 4062632010, 4062632011

METHOD BLANK: 629049 Matrix: Solid
Associated Lab Samples: 4062632001, 4062632002, 4062632003, 4062632004, 4062632005, 4062632006, 4062632007, 4062632008, 4062632009, 4062632010, 4062632011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	06/29/12 12:58	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	06/29/12 12:58	
Benzene	ug/kg	<25.0	60.0	06/29/12 12:58	
Ethylbenzene	ug/kg	<25.0	60.0	06/29/12 12:58	
m&p-Xylene	ug/kg	<50.0	120	06/29/12 12:58	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	06/29/12 12:58	
Naphthalene	ug/kg	<25.0	60.0	06/29/12 12:58	
o-Xylene	ug/kg	<25.0	60.0	06/29/12 12:58	
Toluene	ug/kg	<25.0	60.0	06/29/12 12:58	
a,a,a-Trifluorotoluene (S)	%.	99	80-120	06/29/12 12:58	

LABORATORY CONTROL SAMPLE & LCSD: 629050 629051

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	975	984	97	98	80-120	1	20	
1,3,5-Trimethylbenzene	ug/kg	1000	998	1010	100	101	80-120	1	20	
Benzene	ug/kg	1000	1060	1070	106	107	80-120	1	20	
Ethylbenzene	ug/kg	1000	1020	1020	102	102	80-120	0	20	
m&p-Xylene	ug/kg	2000	2000	2010	100	100	80-120	0	20	
Methyl-tert-butyl ether	ug/kg	1000	1050	1060	105	106	80-120	1	20	
Naphthalene	ug/kg	1000	974	1050	97	105	80-120	7	20	
o-Xylene	ug/kg	1000	1030	1020	103	102	80-120	0	20	
Toluene	ug/kg	1000	1030	1040	103	104	80-120	1	20	
a,a,a-Trifluorotoluene (S)	%.				98	99	80-120			

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QUALITY CONTROL DATA

Project: R+S SERV. CHIPPEWA FALLS
Pace Project No.: 4062632

QC Batch: PMST/7280 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4062632001, 4062632002, 4062632003, 4062632004, 4062632005, 4062632006

SAMPLE DUPLICATE: 634691

Parameter	Units	4062632003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.2	5.1	3	10	

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QUALITY CONTROL DATA

Project: R+S SERV. CHIPPEWA FALLS
Pace Project No.: 4062632

QC Batch: PMST/7281 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4062632007, 4062632008, 4062632009, 4062632010, 4062632011

SAMPLE DUPLICATE: 634809

Parameter	Units	4062632010 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.5	11.1	5	10	

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: R+S SERV. CHIPPEWA FALLS
Pace Project No.: 4062632

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.

PRL - Pace Reporting 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.

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: R+S SERV. CHIPPEWA FALLS
Pace Project No.: 4062632

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4062632001	W. DISPENSER CENTER 9'	TPH GRO/PVOC WI ext.	GCV/8597	WI MOD GRO	GCV/8598
4062632002	E. DISPENSER CENTER 7'	TPH GRO/PVOC WI ext.	GCV/8597	WI MOD GRO	GCV/8598
4062632003	W. DISPENSER WEST 5'	TPH GRO/PVOC WI ext.	GCV/8597	WI MOD GRO	GCV/8598
4062632004	W. DISPENSER EAST 6'	TPH GRO/PVOC WI ext.	GCV/8597	WI MOD GRO	GCV/8598
4062632005	W. DISPENSER SOUTH 6'	TPH GRO/PVOC WI ext.	GCV/8597	WI MOD GRO	GCV/8598
4062632006	W. DISPENSER NORTH 5'	TPH GRO/PVOC WI ext.	GCV/8597	WI MOD GRO	GCV/8598
4062632007	W. DISPENSER CENTER 14'	TPH GRO/PVOC WI ext.	GCV/8597	WI MOD GRO	GCV/8598
4062632008	E. DISPENSER WEST 6'	TPH GRO/PVOC WI ext.	GCV/8597	WI MOD GRO	GCV/8598
4062632009	E. DISPENSER SOUTH 5'	TPH GRO/PVOC WI ext.	GCV/8597	WI MOD GRO	GCV/8598
4062632010	E. DISPENSER EAST 6'	TPH GRO/PVOC WI ext.	GCV/8597	WI MOD GRO	GCV/8598
4062632011	E. DISPENSER NORTH 5'	TPH GRO/PVOC WI ext.	GCV/8597	WI MOD GRO	GCV/8598
4062632001	W. DISPENSER CENTER 9'	ASTM D2974-87	PMST/7280		
4062632002	E. DISPENSER CENTER 7'	ASTM D2974-87	PMST/7280		
4062632003	W. DISPENSER WEST 5'	ASTM D2974-87	PMST/7280		
4062632004	W. DISPENSER EAST 6'	ASTM D2974-87	PMST/7280		
4062632005	W. DISPENSER SOUTH 6'	ASTM D2974-87	PMST/7280		
4062632006	W. DISPENSER NORTH 5'	ASTM D2974-87	PMST/7280		
4062632007	W. DISPENSER CENTER 14'	ASTM D2974-87	PMST/7281		
4062632008	E. DISPENSER WEST 6'	ASTM D2974-87	PMST/7281		
4062632009	E. DISPENSER SOUTH 5'	ASTM D2974-87	PMST/7281		
4062632010	E. DISPENSER EAST 6'	ASTM D2974-87	PMST/7281		
4062632011	E. DISPENSER NORTH 5'	ASTM D2974-87	PMST/7281		

(Please Print Clearly)

Company Name:	Seymour
Branch/Location:	
Project Contact:	Robyn Seymour
Phone:	608 838 9120
Project Number:	
Project Name:	R+S Serv. Chippewa Falls
Project State:	WI
Sampled By (Print):	Robyn Seymour
Sampled By (Sign):	Robyn Seymour
PO #:	Regulatory Program:

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

Page 1 of

JBF

4062632

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:	
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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: PVOC+ Naph	DRO	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	W Dispenser, Center 9'	6/21	1530	S			X			1-40mlF ; 1-4ozpA	
002	E Dispenser, Center 7'		1545				X			↓ 1-ziplock	
003	W Dispenser, West 5'		1620				X			↓	
004	W Dispenser East 6'		1630				X			↓ 1-4ozpA	
005	W Dispenser, South 6'		1645				X			↓	
006	W Dispenser North 5'		1700				X			↓ 1-ziplock	
007	W Dispenser Center 14'		1720				X			↓ 1-4ozpA	
008	E Dispenser, West 6'		1745				X			↓	
009	E Dispenser South 5'		1800				X			↓ 1-ziplock	
010	E Dispenser East 10'		1810				X			↓	
011	E Dispenser North 5'		1825				X			↓ 1-4ozpA	
012	Diesel Tank South 10'		1845				X	X		1-4ozCgA EMH 6/28/12 ✓ 1-ziplock	

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:
Robyn Seymour			
Dunham	6/28/12 0900	E Helwig Pace GB	6/28/12 0900

PACE Project No.: 4062632

Receipt Temp = ROI °C

Sample Receipt pH OK / Adjusted N/A

Cooler Custody Seal: Present / (Not Present) Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

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May 03, 2012

Robyn Seymour
Seymour Environmental Services, INC.
2531 Dyreson Road
Mc Farland, WI 53558

RE: Project: R & S SERVICE
Pace Project No.: 4059397

Dear Robyn Seymour:
Enclosed are the analytical results for sample(s) received by the laboratory on April 27, 2012. 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,

Alee Her

alee.her@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: R & S SERVICE
Pace Project No.: 4059397

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 Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

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SAMPLE SUMMARY

Project: R & S SERVICE
Pace Project No.: 4059397

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4059397001	4000 GAS NORTH END	Solid	04/18/12 10:00	04/27/12 09:05
4059397002	4000 GAS SOUTH END	Solid	04/18/12 10:15	04/27/12 09:05
4059397003	4000 GAS NORTH END	Solid	04/18/12 11:00	04/27/12 09:05
4059397004	4000 GAS SOUTH END	Solid	04/18/12 11:15	04/27/12 09:05
4059397005	2000 DIESEL SOUTH END	Solid	04/18/12 12:30	04/27/12 09:05
4059397006	2000 DIESEL NORTH END	Solid	04/18/12 14:00	04/27/12 09:05
4059397007	VENT PIPING	Solid	04/20/12 10:00	04/27/12 09:05
4059397008	PIPING NORTH	Solid	04/20/12 10:30	04/27/12 09:05
4059397009	PIPING AT T	Solid	04/20/12 10:40	04/27/12 09:05
4059397010	PUMP #1-4' BG	Solid	04/20/12 11:20	04/27/12 09:05
4059397011	PUMP #2-2' BG	Solid	04/20/12 11:15	04/27/12 09:05
4059397012	PUMP #4+5-3' BG	Solid	04/20/12 12:30	04/27/12 09:05

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SAMPLE ANALYTE COUNT

Project: R & S SERVICE
Pace Project No.: 4059397

Lab ID	Sample ID	Method	Analysts	Analytes Reported
4059397001	4000 GAS NORTH END	WI MOD GRO	PMS	11
		ASTM D2974-87	SKW	1
4059397002	4000 GAS SOUTH END	WI MOD GRO	PMS	11
		ASTM D2974-87	SKW	1
4059397003	4000 GAS NORTH END	WI MOD GRO	PMS	11
		ASTM D2974-87	SKW	1
4059397004	4000 GAS SOUTH END	WI MOD GRO	PMS	11
		ASTM D2974-87	SKW	1
4059397005	2000 DIESEL SOUTH END	WI MOD DRO	HMH	1
		WI MOD GRO	PMS	10
		ASTM D2974-87	SKW	1
4059397006	2000 DIESEL NORTH END	WI MOD DRO	HMH	1
		WI MOD GRO	PMS	10
		ASTM D2974-87	SKW	1
4059397007	VENT PIPING	WI MOD DRO	HMH	1
		WI MOD GRO	PMS	11
		ASTM D2974-87	SKW	1
4059397008	PIPING NORTH	WI MOD DRO	HMH	1
		WI MOD GRO	PMS	11
		ASTM D2974-87	SKW	1
4059397009	PIPING AT T	WI MOD DRO	HMH	1
		WI MOD GRO	PMS	11
		ASTM D2974-87	SKW	1
4059397010	PUMP #1-4' BG	WI MOD DRO	HMH	1
		WI MOD GRO	PMS	11
		ASTM D2974-87	SKW	1
4059397011	PUMP #2-2' BG	WI MOD DRO	HMH	1
		WI MOD GRO	PMS	11
		ASTM D2974-87	SKW	1
4059397012	PUMP #4+5-3' BG	WI MOD GRO	PMS	11
		ASTM D2974-87	SKW	1

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ANALYTICAL RESULTS

Project: R & S SERVICE
Pace Project No.: 4059397

Sample: 4000 GAS NORTH END **Lab ID: 4059397001** Collected: 04/18/12 10:00 Received: 04/27/12 09:05 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	04/30/12 11:50	05/01/12 00:39	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 00:39	100-41-4	W
Gasoline Range Organics	**7.1**	mg/kg	2.8	2.8	1	04/30/12 11:50	05/01/12 00:39		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 00:39	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 00:39	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 00:39	108-88-3	W
1,2,4-Trimethylbenzene	**94.1**	ug/kg	66.2	27.6	1	04/30/12 11:50	05/01/12 00:39	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 00:39	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/30/12 11:50	05/01/12 00:39	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 00:39	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	80-120		1	04/30/12 11:50	05/01/12 00:39	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.4**	%	0.10	0.10	1		05/03/12 08:21		

Sample: 4000 GAS SOUTH END **Lab ID: 4059397002** Collected: 04/18/12 10:15 Received: 04/27/12 09:05 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	04/30/12 11:50	05/01/12 01:05	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:05	100-41-4	W
Gasoline Range Organics	**<2.7**	mg/kg	2.7	2.7	1	04/30/12 11:50	05/01/12 01:05		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:05	1634-04-4	W
Naphthalene	**81.8**	ug/kg	65.2	27.2	1	04/30/12 11:50	05/01/12 01:05	91-20-3	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:05	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:05	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:05	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/30/12 11:50	05/01/12 01:05	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:05	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%.	80-120		1	04/30/12 11:50	05/01/12 01:05	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.0**	%	0.10	0.10	1		05/03/12 08:21		

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ANALYTICAL RESULTS

Project: R & S SERVICE
Pace Project No.: 4059397

Sample: 4000 GAS NORTH END **Lab ID: 4059397003** Collected: 04/18/12 11:00 Received: 04/27/12 09:05 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	04/30/12 11:50	05/01/12 01:30	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:30	100-41-4	W
Gasoline Range Organics	**<3.2**	mg/kg	3.2	3.2	1	04/30/12 11:50	05/01/12 01:30		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:30	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:30	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:30	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:30	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:30	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/30/12 11:50	05/01/12 01:30	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:30	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	80-120		1	04/30/12 11:50	05/01/12 01:30	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**22.3**	%	0.10	0.10	1		05/03/12 08:23		

Sample: 4000 GAS SOUTH END **Lab ID: 4059397004** Collected: 04/18/12 11:15 Received: 04/27/12 09:05 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	04/30/12 11:50	05/01/12 01:56	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:56	100-41-4	W
Gasoline Range Organics	**<2.7**	mg/kg	2.7	2.7	1	04/30/12 11:50	05/01/12 01:56		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:56	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:56	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:56	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:56	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:56	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/30/12 11:50	05/01/12 01:56	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:56	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	80-120		1	04/30/12 11:50	05/01/12 01:56	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.2**	%	0.10	0.10	1		05/03/12 08:23		

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ANALYTICAL RESULTS

Project: R & S SERVICE
Pace Project No.: 4059397

Sample: 2000 DIESEL SOUTH END **Lab ID: 4059397005** Collected: 04/18/12 12:30 Received: 04/27/12 09:05 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO								
Diesel Range Organics	**115**	mg/kg	4.5	2.2	2	04/30/12 06:39	05/01/12 11:36		1q
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:22	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:22	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:22	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:22	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:22	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:22	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:22	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/30/12 11:50	05/01/12 02:22	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:22	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	80-120		1	04/30/12 11:50	05/01/12 02:22	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**6.6**	%	0.10	0.10	1		05/03/12 08:23		

Sample: 2000 DIESEL NORTH END **Lab ID: 4059397006** Collected: 04/18/12 14:00 Received: 04/27/12 09:05 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO								
Diesel Range Organics	**98.7**	mg/kg	4.5	2.2	2	04/30/12 06:39	05/01/12 11:41		1q
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:47	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:47	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:47	1634-04-4	W
Naphthalene	**61.3J**	ug/kg	68.3	28.5	1	04/30/12 11:50	05/01/12 02:47	91-20-3	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:47	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:47	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:47	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/30/12 11:50	05/01/12 02:47	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:47	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%.	80-120		1	04/30/12 11:50	05/01/12 02:47	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.1**	%	0.10	0.10	1		05/03/12 08:23		

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ANALYTICAL RESULTS

Project: R & S SERVICE
Pace Project No.: 4059397

Sample: VENT PIPING **Lab ID: 4059397007** Collected: 04/20/12 10:00 Received: 04/27/12 09:05 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO								
Diesel Range Organics	**5.9**	mg/kg	2.0	1.0	1	04/30/12 06:39	05/01/12 10:08		2q
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:13	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:13	100-41-4	W
Gasoline Range Organics	**<2.9**	mg/kg	2.9	2.9	1	04/30/12 11:50	05/01/12 06:13		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:13	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:13	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:13	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:13	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:13	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/30/12 11:50	05/01/12 06:13	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:13	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	105	%.	80-120		1	04/30/12 11:50	05/01/12 06:13	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.8**	%	0.10	0.10	1		05/03/12 08:23		

Sample: PIPING NORTH **Lab ID: 4059397008** Collected: 04/20/12 10:30 Received: 04/27/12 09:05 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO								
Diesel Range Organics	**2.6**	mg/kg	2.1	1.0	1	04/30/12 06:39	05/01/12 10:14		T4
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:38	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:38	100-41-4	W
Gasoline Range Organics	**<2.7**	mg/kg	2.7	2.7	1	04/30/12 11:50	05/01/12 06:38		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:38	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:38	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:38	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:38	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:38	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/30/12 11:50	05/01/12 06:38	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:38	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	80-120		1	04/30/12 11:50	05/01/12 06:38	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**7.2**	%	0.10	0.10	1		05/03/12 08:24		

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ANALYTICAL RESULTS

Project: R & S SERVICE
Pace Project No.: 4059397

Sample: PIPING AT T **Lab ID: 4059397009** Collected: 04/20/12 10:40 Received: 04/27/12 09:05 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO								
Diesel Range Organics	**1.8J**	mg/kg	2.3	1.1	1	04/30/12 06:39	05/01/12 10:19		T4
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 07:04	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 07:04	100-41-4	W
Gasoline Range Organics	**<3.0**	mg/kg	3.0	3.0	1	04/30/12 11:50	05/01/12 07:04		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 07:04	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 07:04	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 07:04	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 07:04	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 07:04	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/30/12 11:50	05/01/12 07:04	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 07:04	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%.	80-120		1	04/30/12 11:50	05/01/12 07:04	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.4**	%	0.10	0.10	1		05/03/12 08:24		

Sample: PUMP #1-4' BG **Lab ID: 4059397010** Collected: 04/20/12 11:20 Received: 04/27/12 09:05 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO								
Diesel Range Organics	**1080**	mg/kg	43.0	21.4	20	04/30/12 06:39	05/01/12 11:47		T4
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<1000**	ug/kg	2400	1000	40	04/30/12 11:50	05/01/12 04:30	71-43-2	W
Ethylbenzene	**2600J**	ug/kg	2760	1150	40	04/30/12 11:50	05/01/12 04:30	100-41-4	
Gasoline Range Organics	**2940**	mg/kg	115	115	40	04/30/12 11:50	05/01/12 04:30		
Methyl-tert-butyl ether	**<1000**	ug/kg	2400	1000	40	04/30/12 11:50	05/01/12 04:30	1634-04-4	W
Naphthalene	**18400**	ug/kg	2760	1150	40	04/30/12 11:50	05/01/12 04:30	91-20-3	
Toluene	**2250J**	ug/kg	2760	1150	40	04/30/12 11:50	05/01/12 04:30	108-88-3	
1,2,4-Trimethylbenzene	**216000**	ug/kg	2760	1150	40	04/30/12 11:50	05/01/12 04:30	95-63-6	
1,3,5-Trimethylbenzene	**102000**	ug/kg	2760	1150	40	04/30/12 11:50	05/01/12 04:30	108-67-8	
m&p-Xylene	**127000**	ug/kg	5520	2300	40	04/30/12 11:50	05/01/12 04:30	179601-23-1	
o-Xylene	**58000**	ug/kg	2760	1150	40	04/30/12 11:50	05/01/12 04:30	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	108	%.	80-120		40	04/30/12 11:50	05/01/12 04:30	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.0**	%	0.10	0.10	1		05/03/12 08:24		

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ANALYTICAL RESULTS

Project: R & S SERVICE
Pace Project No.: 4059397

Sample: PUMP #2-2' BG **Lab ID: 4059397011** Collected: 04/20/12 11:15 Received: 04/27/12 09:05 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO								
Diesel Range Organics	**433**	mg/kg	20.0	9.9	10	04/30/12 06:39	05/01/12 11:53		T4
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<50.0**	ug/kg	120	50.0	2	04/30/12 11:50	05/01/12 04:55	71-43-2	W
Ethylbenzene	**<50.0**	ug/kg	120	50.0	2	04/30/12 11:50	05/01/12 04:55	100-41-4	W
Gasoline Range Organics	**131**	mg/kg	5.8	5.8	2	04/30/12 11:50	05/01/12 04:55		
Methyl-tert-butyl ether	**<50.0**	ug/kg	120	50.0	2	04/30/12 11:50	05/01/12 04:55	1634-04-4	W
Naphthalene	**1110**	ug/kg	139	57.8	2	04/30/12 11:50	05/01/12 04:55	91-20-3	
Toluene	**<50.0**	ug/kg	120	50.0	2	04/30/12 11:50	05/01/12 04:55	108-88-3	W
1,2,4-Trimethylbenzene	**1810**	ug/kg	139	57.8	2	04/30/12 11:50	05/01/12 04:55	95-63-6	
1,3,5-Trimethylbenzene	**2540**	ug/kg	139	57.8	2	04/30/12 11:50	05/01/12 04:55	108-67-8	
m&p-Xylene	**950**	ug/kg	278	116	2	04/30/12 11:50	05/01/12 04:55	179601-23-1	
o-Xylene	**482**	ug/kg	139	57.8	2	04/30/12 11:50	05/01/12 04:55	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	113	%.	80-120		2	04/30/12 11:50	05/01/12 04:55	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.5**	%	0.10	0.10	1		05/03/12 08:24		

Sample: PUMP #4+5-3' BG **Lab ID: 4059397012** Collected: 04/20/12 12:30 Received: 04/27/12 09:05 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	**<625**	ug/kg	1500	625	25	04/30/12 11:50	05/01/12 04:04	71-43-2	W
Ethylbenzene	**3240**	ug/kg	1730	719	25	04/30/12 11:50	05/01/12 04:04	100-41-4	
Gasoline Range Organics	**2010**	mg/kg	71.9	71.9	25	04/30/12 11:50	05/01/12 04:04		
Methyl-tert-butyl ether	**<625**	ug/kg	1500	625	25	04/30/12 11:50	05/01/12 04:04	1634-04-4	W
Naphthalene	**20300**	ug/kg	1730	719	25	04/30/12 11:50	05/01/12 04:04	91-20-3	
Toluene	**<625**	ug/kg	1500	625	25	04/30/12 11:50	05/01/12 04:04	108-88-3	W
1,2,4-Trimethylbenzene	**176000**	ug/kg	1730	719	25	04/30/12 11:50	05/01/12 04:04	95-63-6	
1,3,5-Trimethylbenzene	**81500**	ug/kg	1730	719	25	04/30/12 11:50	05/01/12 04:04	108-67-8	
m&p-Xylene	**59800**	ug/kg	3450	1440	25	04/30/12 11:50	05/01/12 04:04	179601-23-1	
o-Xylene	**7150**	ug/kg	1730	719	25	04/30/12 11:50	05/01/12 04:04	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	110	%.	80-120		25	04/30/12 11:50	05/01/12 04:04	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.1**	%	0.10	0.10	1		05/03/12 08:24		

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

QUALITY CONTROL DATA

Project: R & S SERVICE
Pace Project No.: 4059397

QC Batch: GCV/8309 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 4059397001, 4059397002, 4059397003, 4059397004, 4059397005, 4059397006, 4059397007, 4059397008, 4059397009, 4059397010, 4059397011, 4059397012

METHOD BLANK: 598539 Matrix: Solid
Associated Lab Samples: 4059397001, 4059397002, 4059397003, 4059397004, 4059397005, 4059397006, 4059397007, 4059397008, 4059397009, 4059397010, 4059397011, 4059397012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	04/30/12 21:14	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	04/30/12 21:14	
Benzene	ug/kg	<25.0	60.0	04/30/12 21:14	
Ethylbenzene	ug/kg	<25.0	60.0	04/30/12 21:14	
Gasoline Range Organics	mg/kg	<2.5	2.5	04/30/12 21:14	
m&p-Xylene	ug/kg	<50.0	120	04/30/12 21:14	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	04/30/12 21:14	
Naphthalene	ug/kg	<25.0	60.0	04/30/12 21:14	
o-Xylene	ug/kg	<25.0	60.0	04/30/12 21:14	
Toluene	ug/kg	<25.0	60.0	04/30/12 21:14	
a,a,a-Trifluorotoluene (S)	%.	103	80-120	04/30/12 21:14	

LABORATORY CONTROL SAMPLE & LCSD: 598540 598541

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	1020	1000	102	100	80-120	1	20	
1,3,5-Trimethylbenzene	ug/kg	1000	1050	1040	105	104	80-120	1	20	
Benzene	ug/kg	1000	1170	1110	117	111	80-120	5	20	
Ethylbenzene	ug/kg	1000	1110	1080	111	108	80-120	3	20	
Gasoline Range Organics	mg/kg	10	10.8	10.0	108	100	80-120	7	20	
m&p-Xylene	ug/kg	2000	2180	2110	109	106	80-120	3	20	
Methyl-tert-butyl ether	ug/kg	1000	1160	1090	116	109	80-120	6	20	
Naphthalene	ug/kg	1000	1060	1070	106	107	80-120	1	20	
o-Xylene	ug/kg	1000	1110	1090	111	109	80-120	2	20	
Toluene	ug/kg	1000	1120	1080	112	108	80-120	3	20	
a,a,a-Trifluorotoluene (S)	%.				103	103	80-120			

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Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: R & S SERVICE
Pace Project No.: 4059397

QC Batch: OEXT/14349 Analysis Method: WI MOD DRO
QC Batch Method: WI MOD DRO Analysis Description: WIDRO GCS
Associated Lab Samples: 4059397005, 4059397006, 4059397007, 4059397008, 4059397009, 4059397010, 4059397011

METHOD BLANK: 598388 Matrix: Solid
Associated Lab Samples: 4059397005, 4059397006, 4059397007, 4059397008, 4059397009, 4059397010, 4059397011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range Organics	mg/kg	1.4J	2.0	04/30/12 15:05	

LABORATORY CONTROL SAMPLE & LCSD: 598389 598390

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Range Organics	mg/kg	40	34.3	33.2	86	83	70-120	3	20	

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QUALITY CONTROL DATA

Project: R & S SERVICE
Pace Project No.: 4059397

QC Batch: PMST/6994 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4059397001, 4059397002, 4059397003, 4059397004, 4059397005, 4059397006, 4059397007, 4059397008, 4059397009, 4059397010, 4059397011, 4059397012

SAMPLE DUPLICATE: 599852

Parameter	Units	4059397001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.4	9.8	4	10	

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: R & S SERVICE
Pace Project No.: 4059397

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.

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.

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1q	Sample was solvent preserved on 04/27/12.
2q	The sample weight in the container did not meet method specifications. Sample was sub-sampled to meet method criteria.
T4	Result reported for hydrocarbons within the method-specific range that do not match pattern of laboratory standard.
W	Non-detect results are reported on a wet weight basis.

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Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: R & S SERVICE
Pace Project No.: 4059397

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4059397005	2000 DIESEL SOUTH END	WI MOD DRO	OEXT/14349	WI MOD DRO	GCSV/7555
4059397006	2000 DIESEL NORTH END	WI MOD DRO	OEXT/14349	WI MOD DRO	GCSV/7555
4059397007	VENT PIPING	WI MOD DRO	OEXT/14349	WI MOD DRO	GCSV/7555
4059397008	PIPING NORTH	WI MOD DRO	OEXT/14349	WI MOD DRO	GCSV/7555
4059397009	PIPING AT T	WI MOD DRO	OEXT/14349	WI MOD DRO	GCSV/7555
4059397010	PUMP #1-4' BG	WI MOD DRO	OEXT/14349	WI MOD DRO	GCSV/7555
4059397011	PUMP #2-2' BG	WI MOD DRO	OEXT/14349	WI MOD DRO	GCSV/7555
4059397001	4000 GAS NORTH END	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397002	4000 GAS SOUTH END	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397003	4000 GAS NORTH END	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397004	4000 GAS SOUTH END	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397005	2000 DIESEL SOUTH END	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397006	2000 DIESEL NORTH END	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397007	VENT PIPING	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397008	PIPING NORTH	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397009	PIPING AT T	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397010	PUMP #1-4' BG	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397011	PUMP #2-2' BG	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397012	PUMP #4+5-3' BG	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397001	4000 GAS NORTH END	ASTM D2974-87	PMST/6994		
4059397002	4000 GAS SOUTH END	ASTM D2974-87	PMST/6994		
4059397003	4000 GAS NORTH END	ASTM D2974-87	PMST/6994		
4059397004	4000 GAS SOUTH END	ASTM D2974-87	PMST/6994		
4059397005	2000 DIESEL SOUTH END	ASTM D2974-87	PMST/6994		
4059397006	2000 DIESEL NORTH END	ASTM D2974-87	PMST/6994		
4059397007	VENT PIPING	ASTM D2974-87	PMST/6994		
4059397008	PIPING NORTH	ASTM D2974-87	PMST/6994		
4059397009	PIPING AT T	ASTM D2974-87	PMST/6994		
4059397010	PUMP #1-4' BG	ASTM D2974-87	PMST/6994		
4059397011	PUMP #2-2' BG	ASTM D2974-87	PMST/6994		
4059397012	PUMP #4+5-3' BG	ASTM D2974-87	PMST/6994		

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

Page 1 of

4059397

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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

(Please Print Clearly)	
Company Name:	Heller's
Branch/Location:	
Project Contact:	Jon Heller
Phone:	608-577-1055
Project Number:	
Project Name:	R+S Service
Project State:	WI
Sampled By (Print):	Jon Heller
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	SEE MOUT
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, B = Biota, C = Charcoal, O = Oil, S = Soil, SL = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

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

Analyses Requested: GRO, DRO, PVOC+Naph

	PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	2	4000 Gas North End	4-18	10:00			1-jellyjar, 1-40mL F	
002	1	4000 Gas South End	4-18	10:15				
003	4	4000 Gas North End	4-18	11:00				
004	3	4000 Gas South End	4-18	11:15				
005	X5	2000 Diesel South End	4-18	12:30			1-4ozag A	
006	X6	2000 Diesel North End	4-18	2:00			1-4ozcg A	
007	X7	Vent Piping	4-20	10:00			1-4ozag A	
008	X8	Piping North	4-20	10:30			1-4ozcg A	
009	X9	Piping at T	4-20	10:40			1-4ozag A	
010	X10	Pump # 1-4'BG	4-20	11:20			1-4ozcg A	
011	X11	Pump # 2-2'BG	4-20	11:15				
012	X12	Pump #4+5-3'BG	4-20	12:30				

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:
	4-25-12 12:30 PM		
Dunham	4-27-12 0905		4-27-12 0905

PACE Project No.
4059397

Receipt Temp = 2.01 °C
Sample Receipt pH OK / Adjusted N/A
Cooler Custody Seal Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

ORIGINAL

SEYMOUR ENVIRONMENTAL SERVICES, INC.
2531 DYRESON ROAD P.O. BOX 398 McFARLAND, WISCONSIN 53558-0398
TELEPHONE: 608-838-9120 FAX: 608-838-9121

INVOICE #1797

August 21, 2012

CLIENT:

Mr. Scott Decker
R & S Service & Repair
14827 State Highway. 124
Chippewa Falls, WI 54729

BILL TO:

Mr. Scott Decker
Decker Industries, Inc.
14902 State Highway. 124
Chippewa Falls, WI 54729

Project Number: 10616.00

Summary of charges from 04/01/11 to 08/10/11

PROFESSIONAL FEES

Description	Employee	Date	Hours	Rate/Hour	Charge
Coordination/Field Work	RAS	06/21/12	12.00	80.00	$ 960.00
Correspondence & Report	RAS	08/10/12	6.00	80.00	480.00
CAD	MDF	08/10/12	2.00	65.00	130.00
Work Processing	MRS	08/10/12	2.00	35.00	70.00
				Subtotal	$1,640.00

DIRECT COSTS

Description	Date	Units	Rates/Unit	Charge
Laboratory Analysis				
Soil:				
GRO/PVOC		12	30.00	$ 360.00
Tipping fees				2,050.00
Field Consumables		1	200.00	200.00
			Subtotal	$2,610.00

Current Invoice Total $ 4,250.00

TERMS: Interest will be charged on all past due balances at 1-1/2% per month. This is an ANNUAL PERCENTAGE RATE OF 18%. This invoice also serves as notice of intent to file a Lien in case of non-payment within 30 days.

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
Wisconsin Rapids Service Center
473 Griffith Ave.
Wisconsin Rapids WI 54494

Tony Evers, Governor
Preston D. Cole, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

January 22, 2019

Randy A. Schindler
602 E. South Ave.
Chippewa Falls WI 54729

Subject: New Project Manager, Contamination at Former R&S Service & Repair, 14827 Hwy 124, Eagle Point

Dear Mr. Schindler:

Due to reorganization within the Wisconsin Department of Natural Resources Remediation and Redevelopment Program, the file for the above-referenced contaminated site has been transferred to me at the Wisconsin Rapids office of the Wisconsin Department of Natural Resources.

Please submit a progress update all future correspondence pertaining to the site to me at the following address.

Steve Janowiak
Wisconsin Department of Natural Resources
473 Griffith Ave
Wisconsin Rapids, WI 54494

If you should have any questions regarding this letter or your legal obligations, please feel free to contact me at (715) 421-7850 or e-mail me at Steve.Janowiak@wisconsin.gov.

Sincerely,

Steve Janowiak, P.H.
Hydrogeologist
Remediation and Redevelopment Program

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
Wisconsin Rapids Service Center
473 Griffith Ave.
Wisconsin Rapids WI 54494

Tony Evers, Governor
Preston D. Cole, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

January 22, 2019

Cody Bergeron
14732 165th St.
Chippewa Falls WI 54729

Subject: New Project Manager, Contamination at Former R&S Service & Repair, 14827 Hwy 124, Eagle Point

Dear Mr. Bergeron:

Due to reorganization within the Wisconsin Department of Natural Resources Remediation and Redevelopment Program, the file for the above-referenced contaminated site has been transferred to me at the Wisconsin Rapids office of the Wisconsin Department of Natural Resources.

Please submit a progress update all future correspondence pertaining to the site to me at the following address.

Steve Janowiak
Wisconsin Department of Natural Resources
473 Griffith Ave
Wisconsin Rapids, WI 54494

If you should have any questions regarding this letter or your legal obligations, please feel free to contact me at (715) 421-7850 or e-mail me at Steve.Janowiak@wisconsin.gov.

Sincerely,

Steve Janowiak, P.H.
Hydrogeologist
Remediation and Redevelopment Program

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
West Central Region Headquarters
PO Box 4001
Eau Claire WI 54702-4001

Scott Walker, Governor
Cathy Stepp, Secretary
Daniel Baumann, Regional Director
Telephone 715-839-3700
FAX 715-839-6076
TTY Access via relay - 711

August 14, 2015

Mr. Randy Schindler

602 East South Avenue

Chippewa Falls, Wisconsin 54729

Subject: Reported Contamination at R&S Service & Repair, 14827 Hwy 124, Eagle Point.
WDNR BRRTS Activity # 02-09-559963

Dear Mr. Schindler:

The Wisconsin Department of Natural Resources (WDNR) was notified in 2012 of a petroleum release from an underground storage tank that was removed at the R&S Service & Repair site, reference above. Jon Heller of Heller's Junk Removal reported the release on your behalf. A letter notifying you of your obligations under Section 292.11, Wisconsin Statutes, was sent subsequent to the reporting of the release; however, it was returned undeliverable. A site visit to the property was also completed to deliver the letter; however, no one was at the property. Therefore, this is the third attempt to provide you with the information you need to move forward with the restoration of the environment at this site.

Based on the information that has been submitted to the WDNR regarding this site, we believe you are responsible for investigating and restoring the environment at the above-described site under Section 292.11, Wisconsin Statutes, known as the hazardous substances spills law.

This letter describes the legal responsibilities of a person who is responsible under section 292.11, Wis. Stats., explains what you need to do to investigate and clean up the contamination, and provides you with information about cleanups, environmental consultants, possible financial assistance, and working cooperatively with the WDNR, Department of Safety and Professional Services (DSPS) or the Department of Agriculture, Trade and Consumer Protection (DATCP).

Legal Responsibilities:

Your legal responsibilities are defined both in statute and in administrative codes. The hazardous substances spill law, Section 292.11 (3) Wisconsin Statutes, states:

- RESPONSIBILITY. A person who possesses or controls a hazardous substance which is discharged or who causes the discharge of a hazardous substance shall take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands, or waters of the state.

Wisconsin Administrative Code chapters NR 700 through NR 749 establish requirements for emergency and interim actions, public information, site investigations, design and operation of remedial action systems, and case closure. Wisconsin Administrative Code chapter NR 140 establishes groundwater standards for contaminants that reach groundwater.

Steps to Take:

The longer contamination is left in the environment, the farther it can spread and the more it may cost to clean up. Quick action may lessen damage to your property and neighboring properties and reduce your costs in investigating and cleaning up the contamination. To ensure that your cleanup complies with Wisconsin's laws and administrative codes, you should hire a professional environmental consultant who understands what needs to be done. These are the first steps to take:

1. Within the next **30 days,** by September 14, 2015, you should submit written verification (such as a letter from the consultant) that you have hired an environmental consultant. If you do not take action within this time frame, the WDNR may initiate enforcement action against you.

2. Within the next **60 days,** by October 14, 2015, your consultant should submit a work plan and schedule for the investigation. The consultant must comply with the requirements in the NR 700 Wis. Adm. Code rule series and should adhere to current WDNR technical guidance documents.

In addition, within 30 days of completion of the site investigation, your consultant should submit a Site Investigation Report to the WDNR or other agency with administrative authority.

For sites with petroleum contamination, when your investigation has established the degree and extent of contamination, your consultant will be able to determine whether the Department of Safety and Professional Services or the WDNR has authority over the case. For agrichemicals, your case will be transferred to the Department of Agriculture, Trade and Consumer Protection for oversight.

Sites where discharges to the environment have been reported are entered into the Bureau for Remediation and Redevelopment Tracking System ("BRRTS"), a version of which appears on the WDNR's internet site. You may view the information related to your site at any time (http://**dnr.wi.gov/botw/**SetUpBasicSearchForm.do) and use the feedback system to alert us to any errors in the data.

If you want a formal written response from the department on a specific submittal, please be aware that a review fee is required in accordance with ch. NR 749, Wis. Adm. Code. If a fee is not submitted with your reports, you should proceed under the advice of your consultant to complete the site investigation and cleanup to maintain your compliance with the spills law and chapters NR 700 through NR 749. **Do not delay the investigation of your site by waiting for an agency response.** We have provided detailed technical guidance to environmental consultants. Your consultant is expected to know our technical procedures and administrative rules and should be able to answer your questions on meeting cleanup requirements.

All correspondence regarding this site should be sent to:

Gina Keenan
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
1300 West Clairemont Avenue
Eau Claire, Wisconsin 54702
Gina.Keenan@wisconsin.gov

Unless otherwise requested, please send only one copy of plans and reports. In addition to the paper copy, an electronic copy may also be submitted. To speed processing, correspondence should reference the BRRTS and FID numbers (if assigned) shown at the top of this letter.

Site Investigation and Vapor Pathway Analysis

As you develop the site investigation work plan, we want to remind you to include an assessment of the vapor intrusion pathway. Chapter NR 716, Wisconsin Administrative Code outlines the requirements for investigation of contamination in the environment. Specifically, s. NR 716.11(3)(a) requires that the field investigation determine the "nature, degree and extent, both areal and vertical, of the hazardous substances or environmental pollution in all affected media". In addition, section NR 716.11(5) specifies that the field investigation include an evaluation of the "pathways for migration of the contamination, including drainage improvements, utility corridors, bedrock and permeable material or soil along which vapors, free product or contaminated water may flow".

You will need to include documentation with the Site Investigation Report that explains how the assessment was done. If the pathway is being ruled out, then the report needs to provide the appropriate justification for reaching this conclusion. If the pathway cannot be ruled out, then investigation and, if appropriate, remedial action must be taken to address the risk presented prior to submitting the site for closure. The WDNR has developed guidance to help responsible parties and their consultants comply with the requirements described above. The guidance includes a detailed explanation of how to assess the vapor intrusion pathway and provides criteria which identify when an investigation is necessary. The guidance is available at: http://dnr.wi.gov/files/PDF/pubs/rr/RR800.pdf.

Additional Information for Site Owners:
We encourage you to visit our website at http://dnr.wi.gov/topic/Brownfields/, where you can find information on selecting a consultant, financial assistance and understanding the cleanup process. You will also find information there about liability clarification letters, post-cleanup liability and more.

If you have questions, call myself for more information at 715-839-3765 or visit the RR web site at the address above.

Thank you for your cooperation.

Sincerely,

Gina Keenan

Gina Keenan
Hydrogeologist
Remediation & Redevelopment Program

Enclosures:

Selecting a Consultant – RR-502 http://dnr.wi.gov/files/PDF/pubs/rr/RR502.pdf
Environmental Services Contractor List – RR-024 http://dnr.wi.gov/files/PDF/pubs/rr/RR024.pdf

cc: WCR case file

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
West Central Region Headquarters
1300 West Clairemont Avenue
Eau Claire WI 54702-4001

Scott Walker, Governor
Cathy Stepp, Secretary
Daniel Baumann, Regional Director
Telephone 715-839-3700
FAX 715-839-6076
TTY Access via relay - 711

WISCONSIN
DEPT. OF NATURAL RESOURCES

February 5, 2013

Mr. Randy Schindler
R&S Service & Repair
14827 Hwy 124
Eagle Point, Wisconsin 54729

SUBJECT: Reported Contamination at R&S Service & Repair, 14827 Hwy 124, Eagle Point. WDNR BRRTS#02-09-559963.

Dear Mr. Schindler:

The Wisconsin Department of Natural Resources ("WDNR") was notified that diesel and gasoline contamination had been detected at the site described above. Based on the information that has been submitted to the WDNR regarding this site, we believe you are responsible for investigating and restoring the environment at the above-described site under Section 292.11, Wisconsin Statutes, known as the hazardous substances spills law.

This letter describes the legal responsibilities of a person who is responsible under section 292.11, Wis. Stats., explains what you need to do to investigate and clean up the contamination, and provides you with information about cleanups, environmental consultants, possible financial assistance, and working cooperatively with the WDNR or the Department of Safety and Professional Services (DSPS).

Legal Responsibilities:

Your legal responsibilities are defined both in statute and in administrative codes. The hazardous substances spill law, Section 292.11 (3) Wisconsin Statutes, states:

•**RESPONSIBILITY**. A person who possesses or controls a hazardous substance which is discharged or who causes the discharge of a hazardous substance shall take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands, or waters of the state.

Wisconsin Administrative Code chapters NR 700 through NR 749 establish requirements for emergency and interim actions, public information, site investigations, design and operation of remedial action systems, and case closure. Wisconsin Administrative Code chapter NR 140 establishes groundwater standards for contaminants that reach groundwater.

Steps to Take:

The longer contamination is left in the environment, the farther it can spread and the more it may cost to clean up. Quick action may lessen damage to your property and neighboring properties and reduce your costs in investigating and cleaning up the contamination. To ensure that your cleanup complies with Wisconsin's laws and administrative codes, you should hire a professional environmental consultant who understands what needs to be done. These are the first steps to take:

1. Within the next 30 days, by March 7th, 2013, you should submit written verification (such as a letter from the consultant) that you have hired an environmental consultant. If you do not take action within this time frame, the WDNR may initiate enforcement action against you.

2. Within the next 60 days, by April 6th, 2013, your consultant should submit a work plan and schedule for the investigation. The consultant must comply with the requirements in the NR 700 Wis. Adm. Code rule series and should adhere to current WDNR technical guidance documents.

3. Within 30 days of completion of the site investigation, your consultant should submit a Site Investigation Report to the WDNR or other agency with administrative authority.

For sites with petroleum contamination, when your investigation has established the degree and extent of contamination, your consultant will be able to determine whether the Department of Safety and Professional Services or the WDNR has authority over the case. For agrichemicals, your case will be transferred to the Department of Agriculture, Trade and Consumer Protection for oversight.

Sites where discharges to the environment have been reported are entered into the Bureau for Remediation and Redevelopment Tracking System ("BRRTS"), a version of which appears on the WDNR's internet site. You may view the information related to your site at any time (http://dnr.wi.gov/botw/SetUpBasicSearchForm.do) and use the feedback system to alert us to any errors in the data.

If you want a formal written response from the department on a specific submittal, please be aware that a review fee is required in accordance with ch. NR 749, Wis. Adm. Code. If a fee is not submitted with your reports, you should proceed under the advice of your consultant to complete the site investigation and cleanup to maintain your compliance with the spills law and chapters NR 700 through NR 749. Do not delay the investigation of your site by waiting for an agency response. We have provided detailed technical guidance to environmental consultants. Your consultant is expected to know our technical procedures and administrative rules and should be able to answer your questions on meeting cleanup requirements.

All correspondence regarding this site should be sent to:

Gina Keenan
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
1300 West Clairemont Avenue
Eau Claire,WI 54701
gina.keenan@wisconsin.gov

Unless otherwise requested, please send only one copy of plans and reports. In addition to the paper copy, an electronic copy may also be submitted. To speed processing, correspondence should reference the BRRTS numbers shown at the top of this letter.

Site Investigation and Vapor Pathway Analysis

As you develop the site investigation work plan, we want to remind you to include an assessment of the vapor intrusion pathway. Chapter NR 716, Wisconsin Administrative Code outlines the requirements for investigation of contamination in the environment. Specifically, s. NR 716.11(3)(a) requires that the field investigation determine the "nature, degree and extent, both areal and vertical, of the hazardous substances or environmental pollution in all affected media". In addition, section NR 716.11(5) specifies that the field investigation include an evaluation of the "pathways for migration of the contamination, including drainage improvements, utility corridors, bedrock and permeable material or soil along which vapors, free product or contaminated water may flow".

You will need to include documentation with the Site Investigation Report that explains how the assessment was done. If the pathway is being ruled out, then the report needs to provide the appropriate justification for reaching

this conclusion. If the pathway cannot be ruled out, then investigation and, if appropriate, remedial action must be taken to address the risk presented prior to submitting the site for closure. The WDNR has developed guidance to help responsible parties and their consultants comply with the requirements described above. The guidance includes a detailed explanation of how to assess the vapor intrusion pathway and provides criteria which identify when an investigation is necessary. The guidance is available at: http://dnr.wi.gov/files/PDF/pubs/rr/RR800.pdf.

We encourage you to visit our website at http://dnr.wi.gov/topic/Brownfields/, where you can find information on selecting a consultant, financial assistance and understanding the cleanup process. You will also find information there about liability clarification letters, post-cleanup liability and more.

If you have questions, please call Gina Keenan at 715.839.3765 or email at gina.keenan@wisconsin.gov for more information or visit the RR web site at the address above. Thank you for your cooperation.

Sincerely,

Gina Keenan
Hydrogeologist
Remediation & Redevelopment Program

Relevant E-mail links:

Environmental Contamination Basics, RR-674
http://dnr.wi.gov/files/PDF/pubs/rr/RR674.pdf

Petroleum Environmental Cleanup Fund Award, Information about PECFA Reimbursement, DSPS publication ERS-10083-P
http://dsps.wi.gov/er/pdf/pecfa/ER-PECFA-ERS10083%28Info%29_REV_7-11.pdf

cc: WCR case file

State of Wisconsin
Department of Natural Resources
1300 West Clairemont Avenue
Eau Claire, WI 54701

PRESORTED FIRST CLASS

UNITED STATES POSTAGE PITNEY BOWES
02 1M $ 00.43³
0004271654 FEB 05 2013
MAILED FROM ZIP CODE 54703

RECEIVED
FEB 11 2013
DNR-WCR

Mr. Randy Schindler
R3 Service & Repair
14827 Hwy 124
Eagle Fo

Contact Info on Back

NIXIE 553 DE 1 00 02/ /13
RETURN TO SENDER
NOT DELIVERABLE AS ADDRESSED
UNABLE TO FORWARD
BC: 54701612700 *2878-07810-07-33

03-09-559963

TDID#:

Reg Obj #: 264453

UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:
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 ☐ Newly Installed ☐ Abandoned with Product ☐ Abandoned without Product (empty)
☒ Closed - Tank Removed ☐ Closed - Filled with Inert Materials ☐ Abandon with Water ☐ Temporarily Out of Service - Provide Date: _____
☐ Ownership Change (Indicate new owner name in block 2)

Fire Department providing fire coverage where tank is located:
☐ City ☐ Village ☒ Town of:
0910 EAGLE POINT

A. IDENTIFICATION (Please Print)

1. Tank Site Name	Site Street Address		Site Telephone Number
R&S SERVICE & REPAIR	14827 HWY 124		( )
☒ City ☐ Village ☐ Town of: CHIPPEWA FALLS	State: WISCONSIN	Zip Code: 54729	County: CHIPPEWA
2. Tank Owner Name	Mailing Address		Telephone Number
RANDY A. SCHINDLER	14827 HWY 124		( )
☐ City ☐ Village ☐ Town of: CHIPPEWA FALLS	State: WI	Zip Code: 54729	County: CHIPPEWA
3. Property Owner Name (if different than tank owner)	Property Owner Address if different than #1		

B. Site ID #: | **Facility ID #:** 632077 | **Customer ID #:**

C. Tank Capacity (gallons): 4000 | Tank Age (age or date installed): 11/08/1989 | 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. 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 ☐ Unknown
☐ New Oil ☐ New oil – Low FP ☐ Waste/Used Motor Oil ☐ Hazardous Waste* ☐ Empty* ☐ Sand/Gravel/Slurry*

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

* NOT PECFA eligible.

Geo Latitude: | **Geo Longitude:**

O. If Tank Closed, Abandoned or Out of Service
Give date (mo/day/yr): APRIL 18, 2012

Has a site assessment been completed? (see reverse side for details)
☒ Yes ☐ No

Tank Owner Name (please print):
Jon Heller - Agent for Owner

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

Date: 4-21-2012

ERS-7437 (R 03/12)

Note: Refer to comments on reverse side of form.

TDID#:

Reg Obj #: 264454

UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:
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
☐ Newly Installed
☐ Abandoned with Product
☐ Abandoned without Product (empty)
☒ Closed - Tank Removed
☐ Closed - Filled with Inert Materials
☐ Abandon with Water
☐ Temporarily Out of Service - Provide Date: _____
☐ Ownership Change (Indicate new owner name in block 2)

Fire Department providing fire coverage where tank is located:
☐ City ☐ Village
☒ Town of:
0910 EAGLE POINT

A. IDENTIFICATION (Please Print)

1. Tank Site Name: R&S SERVICE & REPAIR
Site Street Address: 14827 HWY 124
Site Telephone Number: ( )
☒ City ☐ Village ☐ Town of: CHIPPEWA FALLS
State: WISCONSIN
Zip Code: 54729
County: CHIPPEWA

2. Tank Owner Name: RANDY A. SCHINDLER
Mailing Address: 14827 HWY 124
Telephone Number: ( )
☐ City ☐ Village ☐ Town of: CHIPPEWA FALLS
State: WI
Zip Code: 54729
County: CHIPPEWA

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

B. Site ID #:
Facility ID #: 632077
Customer ID #:

C. Tank Capacity (gallons): 4000
Tank Age (age or date installed): 11/08/1989
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. 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 ☐ Unknown
☐ New Oil ☐ New oil – Low FP ☐ Waste/Used Motor Oil ☐ Hazardous Waste* ☐ Empty* ☐ Sand/Gravel/Slurry*

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

* NOT PECFA eligible.

Geo Latitude:
Geo Longitude:

O. If Tank Closed, Abandoned or Out of Service
Give date (mo/day/yr): APRIL 18, 2012
Has a site assessment been completed? (see reverse side for details)
☒ Yes ☐ No

Tank Owner Name (please print): Jon Heller - Agent for Owner

Tank Owner Signature (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.)
Jon J Heller
Date 4-21-2012

ERS-7437 (R 03/12)

Note: Refer to comments on reverse side of form.

TDID#:

Reg Obj #: 264455

UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:
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
☐ Newly Installed
☐ Abandoned with Product
☐ Abandoned without Product (empty)
■ Closed - Tank Removed
☐ Closed - Filled with Inert Materials
☐ Abandon with Water
☐ Temporarily Out of Service - Provide Date: _____
☐ Ownership Change (Indicate new owner name in block 2)

Fire Department providing fire coverage where tank is located:
☐ City ☐ Village
■ Town of:
0910 EAGLE POINT

A. IDENTIFICATION (Please Print)

1. Tank Site Name: R&S SERVICE & REPAIR
Site Street Address: 14827 HWY 124
Site Telephone Number: ( )
■ City ☐ Village ☐ Town of: CHIPPEWA FALLS
State: WISCONSIN
Zip Code: 54729
County: CHIPPEWA

2. Tank Owner Name: RANDY A. SCHINDLER
Mailing Address: 14827 HWY 124
Telephone Number: ( )
☐ City ☐ Village ☐ Town of: CHIPPEWA FALLS
State: WI
Zip Code: 54729
County: CHIPPEWA

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

B. Site ID #:
Facility ID #: 632077
Customer ID #:

C. Tank Capacity (gallons): 2000
Tank Age (age or date installed): 11/08/1989
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. 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 ☐ Unknown
☐ New Oil ☐ New oil – Low FP ☐ Waste/Used Motor Oil ☐ Hazardous Waste* ☐ Empty* ☐ Sand/Gravel/Slurry*
☐ Other (specify): _____ ☐ Chemical* Name _____ CAS #: _____

* NOT PECFA eligible.

Geo Latitude:
Geo Longitude:

O. If Tank Closed, Abandoned or Out of Service
Give date (mo/day/yr): APRIL 18, 2012

Has a site assessment been completed? (see reverse side for details)
■ Yes ☐ No

Tank Owner Name (please print): Jon Heller - Agent for Owner

Tank Owner Signature (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.)
Jon J Heller
Date 4-21-12

ERS-7437 (R 03/12)

Note: Refer to comments on reverse side of form.

#03-09-559963

HELLER'S JUNK REMOVAL
3217 Thorp Street
Madison, WI 53714
608-242-8210, FAX 608-242-8212

I am sorry to inform you that the camera used to document this removal was stolen before the pictures could be downloaded.

Jon J. Heller

Friday, May 25, 2012

HELLER'S JUNK REMOVAL
3948 HWY 19
DEFOREST, WI 53532
608-242-8210
FAX 608-242-8212

WASTE DISPOSAL MANIFEST

Date 5-3-12 **Transporting Company Truck Number** 94

Site Name R+S Service + Repair **Phone** _____

Site Address 14827 Hwy 124

City Chippewa Falls **State** WI **Zip Code** 54729

Source of Product Pump Islands - 5 yards Concrete.

Product Destination Madison Rock & Sand
Milwaukee st Pit.
Madison WI

Driver's Signature Jon J Heller **Date** 5-3-12

HELLER'S JUNK REMOVAL

3948 STATE ROAD 19
DEFOREST, WI 53532
(608) 242-8210 OFFICE
(608) 242-8212 FAX

Tank Destruction Guarantee:

The tank(s) were opened and cleaned in accordance with all state and local regulations.
The tank(s) were shipped to one of the following locations for recycling/disposal.

Alter Metal Recycling
3532 White Avenue
Eau Clair, WI 54703
715-832-3431

CUSTOMER R & S. Service & Repair

SITE NAME _____

SITE LOCATION 14827 Hwy 124

Chippewa Falls, WI 54729

TANK DESCRIPTION 2- 4000 Gal Gas 1 - 2000 Gal Diesel

DRIVER SIGNATURE Jon J Heller **DATE** 4-19-12

HELLER'S JUNK REMOVAL
3948 HWY 19
DEFOREST, WI 53532
608-242-8210
FAX 608-242-8212

WASTE DISPOSAL MANIFEST

Date 4-20-12 **Transporting Company Truck Number** 94

Site Name R+S Service & Repair **Phone** _____

Site Address 14827 Hwy 124

City Chippewa Falls **State** WI **Zip Code** 54729

Source of Product UST's 2-Gas, 1 Diesel

Product Destination Heller's
3948 Hwy 19
Deforest WI 53532

Driver's Signature [signature] **Date** 4-20-12

Complete One Form for Each System Service Event

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

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

RETURN COMPLETED CHECKLIST TO:

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

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: R&S Service & Repair	2. Owner Name: Randy A Schindler
Facility Street Address (not P.O. Box): 14827 Highway 124	3. Contact Name: Owner — Job Title:
Municipality: Chippewa Falls	Mailing Address: 602 E. South Avenue
☐ City ☐ Village ☒ Town of:	Post Office: Chippewa Falls, WI — State — Zip Code: 54729
Zip Code: 54729 — County: Chippewa	County: Chippewa — Telephone No. (include area code): (715) 288-6842
4. Primary Service Contractor Section A above: Heller's Junk Removal	Service Contractor Street Address: 3948 State Road 19
Service Contractor Telephone No. (include area code): (608) 2428210	Service Contractor City, State, Zip Code: DeForest, WI 53532

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[5]	
								Source of Release[3]	Cause of Release[4]
264453	P	steel	steel	4000	UG	☒ Y	☐ N	pumps	connections
264454	P	steel	steel	4000	UG	☒ Y	☐ N	pumps	connections
264455	P	steel	steel	2000	DL	☒ Y	☐ N	pump	connections
						☐ 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

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

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 15 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 the Dept. of Commerce indicating closure. ☑ Y ☐ N ☐ NA

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	☐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 COMMERCE 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 Department of Commerce indicating closure in-place.	☐Y ☐N	☐Y ☐N	☐

E. REPAIR, UPGRADE OR CHANGE-IN-SERVICE

Written notification was provided to the local agent 15 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 Department of Commerce 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

Jon J. Heller	Jon J. Heller	42281	4-21-2012
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 Heller's

H. INSPECTOR INFORMATION

Darrell Christy	Darrell J. Christy	35105	LPO Agency #:
Inspector Name (print)	Inspector Signature	Inspector Cert #	
0919 Fackbrit	715/878-4499	4/18/12	
FDID # For Location Where Inspection Performed	Inspector Telephone Number	Date Signed	

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: R&S Service & Repair

Address: 14827 Highway 124, Chippewa Falls WI 54729

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 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
1	30 feet	20 feet	10 feet
2	45 feet	3 feet	3 feet
3	12 feet	3 feet	3 feet
4	10 feet	3 feet	3 feet

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_____ feet b. Indicate type of geology[2] _____

(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 _____

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

The tank bed and piping run were clean; however the pump islands are contaminated from the service down to sample depth

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				
9397001	4000 gas north end	☒	☐	☐	☐	2 feet	na	7.1	
9397002	4000 gas south end	☒	☐	☐	☐	2 feet	na	-2.7	
9397003	4000 gas north end	☒	☐	☐	☐	2 feet	na	-3.2	
9397004	4000 gas south end	☒	☐	☐	☐	2 feet	na	-2.7	
9397005	2000 diesel south	☒	☐	☐	☐	2 feet	na		115
9397006	2000 diesel north	☒	☐	☐	☐	2 feet	na		98.7
9397007	vent piping	☒	☐	☐	☐	1 foot	na	-2.9	5.9
9397008	piping north	☒	☐	☐	☐	1 foot	na	-2.7	2.6
9397009	piping at t	☒	☐	☐	☐	1 foot	na	-3.0	1.8
9397010	pump 1 4' bg	☒	☐	☐	☐	3 feet	na	2940	1080
9397011	pump 2 2' bg	☒	☐	☐	☐	1 foot	na	131	433
9397012	pump #4 & 5 3' bg	☒	☐	☐	☐	2 feet	na	2010	
		☐	☐	☐	☐				
		☐	☐	☐	☐				

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
7001	-25	-25	-25	-25	94.1	-50	-25
7002	-25	-25	-25	-25	-25	-50	81.8
7003	-25	-25	-25	-25	-25	-50	-25
7004	-25	-25	-25	-25	-25	-50	-25
7005	-25	-25	-25	-25	-25	-50	-25
7006	-25	-25	-25	-25	-25	-50	61.3
7007	-25	-25	-25	-25	-25	-50	-25
7008	-25	-25	-25	-25	-25	-50	-25
7009	-25	-25	-25	-25	-25	-50	-25
7010	-1000	2250	2600	-1000	318000	185000	18400
7011	-50	-50	-50	-50	4350	1432	1110
7012	-625	-625	3240	-625	257500	66950	20300

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.

Jon J. Heller
Tank-System Site Assessor Name (print)

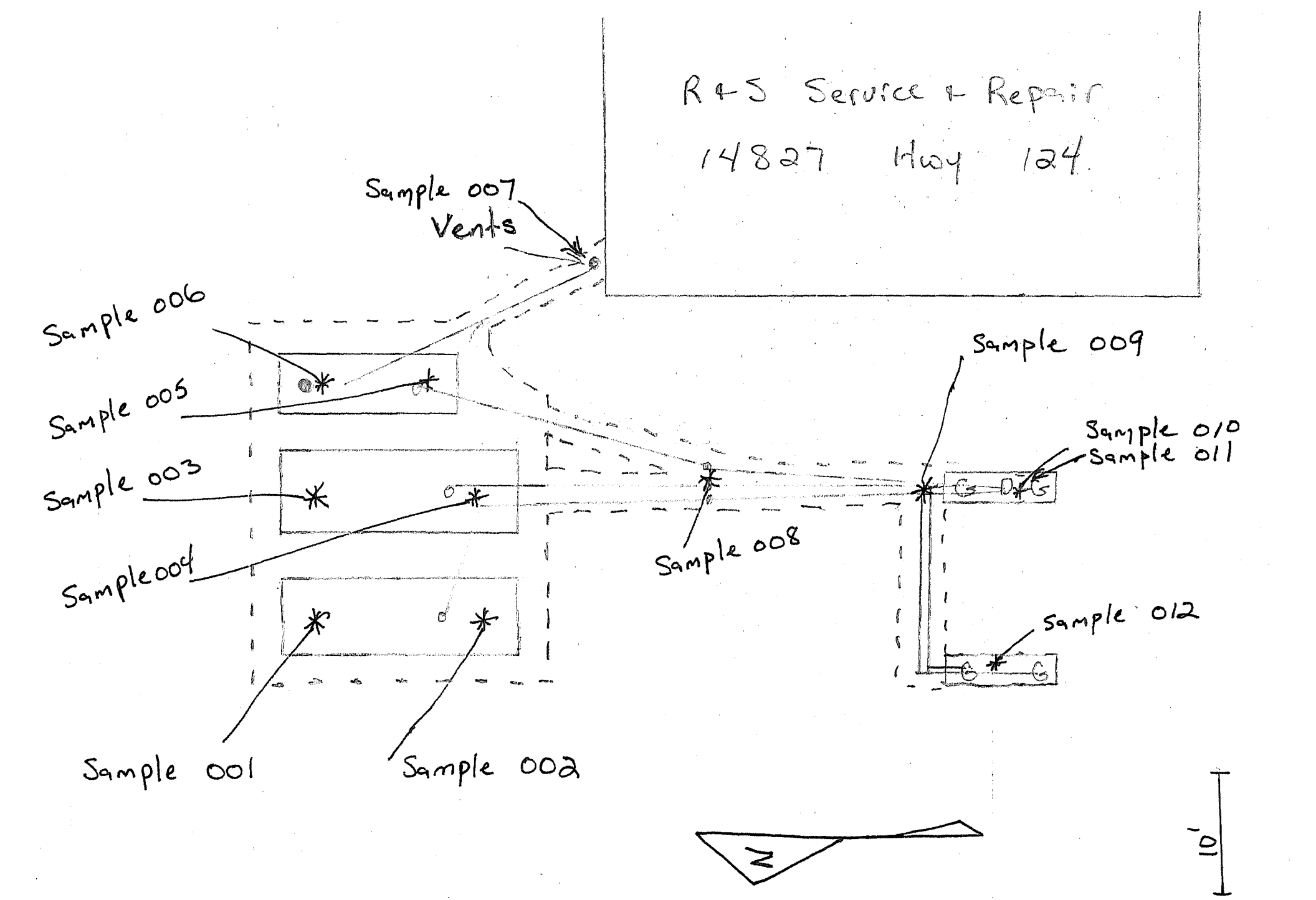
Tank-System Site Assessor Signature

42281
Certification Number #

608-242-8210
Tank-System Site Assessor Telephone Number

5-21-2012
Date Signed

Heller's
Company Name


R+S Service + Repair
14827 Hwy 124
Sample 007
Vents
Sample 006
Sample 005
Sample 003
Sample004
Sample 001
Sample 002
Sample 008
Sample 009
Sample 010
Sample 011
Sample 012
G
D
G
G
G
N
O

Hwy 124

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

4059397

(Please Print Clearly)	
Company Name:	Heller's
Branch/Location:	
Project Contact:	Jon Heller
Phone:	608-577-1055
Project Number:	
Project Name:	R+S Service
Project State:	WI
Sampled By (Print):	Jon Heller
Sampled By (Sign):	
PO #:	Regulatory Program:

*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:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	SEE MOUF
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, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	Analysis Requested: GRO	DRO	PVOC+Naph	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	2 @ 4000 Gas North End	4-18	10:00				✓		✓		1-jelly jar, 1-40mL F	
002	1 @ 4000 Gas South End	4-18	10:15				✓		✓			
003	4 @ 4000 Gas North End	4-18	11:00				✓		✓			
004	3 @ 4000 Gas South End	4-18	11:15				✓		✓			
005	X5 2000 Diesel South End	4-18	12:30					✓	✓		1-4oz ag A	
006	X6 2000 Diesel North End	4-18	2:00					✓	✓		1-4oz cg A	
007	X7 Vent Piping	4-20	10:00				✓	✓	✓		1-4oz ag A	
008	X8 Piping North	4-20	10:30				✓	✓	✓		1-4oz cg A	
009	X9 Piping at T	4-20	10:40				✓	✓	✓			
010	X10 Pump # 1-4'BG	4-20	11:20				✓	✓	✓			
011	X11 Pump # 2-2'BG	4-20	11:15				✓	✓	✓			
012	X12 Pump #4+5-3'BG	4-20	12:30				✓		✓			

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:
	4-25-12 12:30 PM		
Dunham	4-27-12 0905		4-27-12 0905

PACE Project No.: 4059397
Receipt Temp = 2.01 °C
Sample Receipt pH OK / Adjusted N/A
Cooler Custody Seal: Present / Not Present; Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

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

Pace Analytical

Sample Condition Upon Receipt

Client Name: Heller's Project # 4059397

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☑ Commercial ☐ 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 20.1 Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Optional
Proj. Due Date:
Proj. Name:

Person examining contents:
Date: 4-27-12
Initials: BF

Temp should be above freezing to 6°C for all sample except Biota.
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.
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.
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. NO Tared containers for DRO for 005-006 +009. 4-27-12 BF
-Pace Containers Used:	☐Yes ☑No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10. Lids of jelly jars are metal + seals are
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11. rubber.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: S	☑Yes ☐No ☐N/A	12. BF 001 samples labeled 1 North (jelly jar) and "2" 002 samples labeled 1 South (jelly jar) and "1" 003 samples labeled 2 North (jelly jar) and "4" 004 samples labeled 2 South (jelly jar) and "3" 005 samples labeled 3 South (jelly jar) and "5" 006 samples labeled 3 North (jelly jar) and "6" Matched by # before Client ID on COC.
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☐Yes ☑No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: Date: 4/27/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

INVOICE

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

Pace Analytical™
www.pacelabs.com

Invoice Number: 124055804
Date: 05/03/2012
Total Amount Due: $552.50

Sold To:

Robyn Seymour
Seymour Environmental Services, INC.
2531 Dyreson Road
Mc Farland, WI 53558
(608) 838-9120

Please Remit To:

Pace Analytical Services, Inc.
P.O. Box 684056
Chicago, IL 60695-4056

Client Number/Client ID	*Purchase Order No*	*Pace Project Mgr*	*Terms*	*Page*
40-000700 / SEYMOUR ENVI		Alee Her	Net 30 Days**	1

Client Project: R & S SERVICE
Client Name: SEYMOUR ENVIRONMENTAL SERVICES, INC.
Pace Project No: 4059397
Sample Received: 4/27/2012
Report Sent To: Robyn Seymour, Seymour Environmental Services, INC.
Comments:

ANALYTICAL CHARGES

Quantity	Unit	Description	Method	Matrix	Price	Total
12	Ea	Dry Weight	ASTM D2974-87	Solid	$0.00	$0.00
7	Ea	WIDRO GCS	WI MOD DRO	Solid	$25.50	$178.50
2	Ea	WIGRO Solid	WI MOD GRO	Solid	$27.00	$54.00
10	Ea	WIGRO Solid	WI MOD GRO	Solid	$32.00	$320.00
					Analytical Subtotal	$552.50

Total Number of Charges 31 **Total Invoice Amount** **$552.50**

If you have any questions or to pay by credit card, please contact Alee Her at Pace.
Phone: (920)469-2436 Email: alee.her@pacelabs.com

****1.5% MONTHLY FINANCE CHARGE ASSESSED AFTER 30 DAYS OR TERMS OF CONTRACT.**
PLEASE REFERENCE THE INVOICE NUMBER ON ALL REMITTANCE ADVICE.

AN EQUAL OPPORTUNITY EMPLOYER

Please complete and return copy of invoice with your payment.

INVOICE TOTAL $552.50

Amount Paid: $ _____

Check No: _____

Customer No: 40-000700 Invoice No: 124055804

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

May 03, 2012

Robyn Seymour
Seymour Environmental Services, INC.
2531 Dyreson Road
Mc Farland, WI 53558

RE: Project: R & S SERVICE
Pace Project No.: 4059397

Dear Robyn Seymour:
Enclosed are the analytical results for sample(s) received by the laboratory on April 27, 2012. 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,

Alee Her

alee.her@pacelabs.com
Project Manager

Enclosures

Pace Analytical®
www.pacelabs.com

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

CERTIFICATIONS

Project: R & S SERVICE
Pace Project No.: 4059397

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 Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

Pace Analytical®
www.pacelabs.com

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

SAMPLE SUMMARY

Project: R & S SERVICE
Pace Project No.: 4059397

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4059397001	4000 GAS NORTH END	Solid	04/18/12 10:00	04/27/12 09:05
4059397002	4000 GAS SOUTH END	Solid	04/18/12 10:15	04/27/12 09:05
4059397003	4000 GAS NORTH END	Solid	04/18/12 11:00	04/27/12 09:05
4059397004	4000 GAS SOUTH END	Solid	04/18/12 11:15	04/27/12 09:05
4059397005	2000 DIESEL SOUTH END	Solid	04/18/12 12:30	04/27/12 09:05
4059397006	2000 DIESEL NORTH END	Solid	04/18/12 14:00	04/27/12 09:05
4059397007	VENT PIPING	Solid	04/20/12 10:00	04/27/12 09:05
4059397008	PIPING NORTH	Solid	04/20/12 10:30	04/27/12 09:05
4059397009	PIPING AT T	Solid	04/20/12 10:40	04/27/12 09:05
4059397010	PUMP #1-4' BG	Solid	04/20/12 11:20	04/27/12 09:05
4059397011	PUMP #2-2' BG	Solid	04/20/12 11:15	04/27/12 09:05
4059397012	PUMP #4+5-3' BG	Solid	04/20/12 12:30	04/27/12 09:05

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SAMPLE ANALYTE COUNT

Project: R & S SERVICE
Pace Project No.: 4059397

Lab ID	Sample ID	Method	Analysts	Analytes Reported
4059397001	**4000 GAS NORTH END**	WI MOD GRO	PMS	11
		ASTM D2974-87	SKW	1
4059397002	**4000 GAS SOUTH END**	WI MOD GRO	PMS	11
		ASTM D2974-87	SKW	1
4059397003	**4000 GAS NORTH END**	WI MOD GRO	PMS	11
		ASTM D2974-87	SKW	1
4059397004	**4000 GAS SOUTH END**	WI MOD GRO	PMS	11
		ASTM D2974-87	SKW	1
4059397005	**2000 DIESEL SOUTH END**	WI MOD DRO	HMH	1
		WI MOD GRO	PMS	10
		ASTM D2974-87	SKW	1
4059397006	**2000 DIESEL NORTH END**	WI MOD DRO	HMH	1
		WI MOD GRO	PMS	10
		ASTM D2974-87	SKW	1
4059397007	**VENT PIPING**	WI MOD DRO	HMH	1
		WI MOD GRO	PMS	11
		ASTM D2974-87	SKW	1
4059397008	**PIPING NORTH**	WI MOD DRO	HMH	1
		WI MOD GRO	PMS	11
		ASTM D2974-87	SKW	1
4059397009	**PIPING AT T**	WI MOD DRO	HMH	1
		WI MOD GRO	PMS	11
		ASTM D2974-87	SKW	1
4059397010	**PUMP #1-4' BG**	WI MOD DRO	HMH	1
		WI MOD GRO	PMS	11
		ASTM D2974-87	SKW	1
4059397011	**PUMP #2-2' BG**	WI MOD DRO	HMH	1
		WI MOD GRO	PMS	11
		ASTM D2974-87	SKW	1
4059397012	**PUMP #4+5-3' BG**	WI MOD GRO	PMS	11
		ASTM D2974-87	SKW	1

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ANALYTICAL RESULTS

Project: R & S SERVICE
Pace Project No.: 4059397

Sample: 4000 GAS NORTH END **Lab ID: 4059397001** Collected: 04/18/12 10:00 Received: 04/27/12 09:05 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	04/30/12 11:50	05/01/12 00:39	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 00:39	100-41-4	W
Gasoline Range Organics	**7.1**	mg/kg	2.8	2.8	1	04/30/12 11:50	05/01/12 00:39		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 00:39	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 00:39	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 00:39	108-88-3	W
1,2,4-Trimethylbenzene	**94.1**	ug/kg	66.2	27.6	1	04/30/12 11:50	05/01/12 00:39	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 00:39	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/30/12 11:50	05/01/12 00:39	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 00:39	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	80-120		1	04/30/12 11:50	05/01/12 00:39	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.4**	%	0.10	0.10	1		05/03/12 08:21		

Sample: 4000 GAS SOUTH END **Lab ID: 4059397002** Collected: 04/18/12 10:15 Received: 04/27/12 09:05 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	04/30/12 11:50	05/01/12 01:05	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:05	100-41-4	W
Gasoline Range Organics	**<2.7**	mg/kg	2.7	2.7	1	04/30/12 11:50	05/01/12 01:05		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:05	1634-04-4	W
Naphthalene	**81.8**	ug/kg	65.2	27.2	1	04/30/12 11:50	05/01/12 01:05	91-20-3	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:05	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:05	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:05	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/30/12 11:50	05/01/12 01:05	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:05	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%.	80-120		1	04/30/12 11:50	05/01/12 01:05	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.0**	%	0.10	0.10	1		05/03/12 08:21		

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ANALYTICAL RESULTS

Project: R & S SERVICE
Pace Project No.: 4059397

Sample: 4000 GAS NORTH END **Lab ID: 4059397003** Collected: 04/18/12 11:00 Received: 04/27/12 09:05 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	04/30/12 11:50	05/01/12 01:30	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:30	100-41-4	W
Gasoline Range Organics	**<3.2**	mg/kg	3.2	3.2	1	04/30/12 11:50	05/01/12 01:30		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:30	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:30	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:30	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:30	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:30	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/30/12 11:50	05/01/12 01:30	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:30	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	80-120		1	04/30/12 11:50	05/01/12 01:30	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**22.3**	%	0.10	0.10	1		05/03/12 08:23		

Sample: 4000 GAS SOUTH END **Lab ID: 4059397004** Collected: 04/18/12 11:15 Received: 04/27/12 09:05 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	04/30/12 11:50	05/01/12 01:56	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:56	100-41-4	W
Gasoline Range Organics	**<2.7**	mg/kg	2.7	2.7	1	04/30/12 11:50	05/01/12 01:56		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:56	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:56	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:56	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:56	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:56	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/30/12 11:50	05/01/12 01:56	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 01:56	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	80-120		1	04/30/12 11:50	05/01/12 01:56	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.2**	%	0.10	0.10	1		05/03/12 08:23		

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ANALYTICAL RESULTS

Project: R & S SERVICE
Pace Project No.: 4059397

Sample: 2000 DIESEL SOUTH END **Lab ID: 4059397005** Collected: 04/18/12 12:30 Received: 04/27/12 09:05 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO								
Diesel Range Organics	**115**	mg/kg	4.5	2.2	2	04/30/12 06:39	05/01/12 11:36		1q
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:22	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:22	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:22	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:22	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:22	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:22	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:22	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/30/12 11:50	05/01/12 02:22	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:22	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	80-120		1	04/30/12 11:50	05/01/12 02:22	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**6.6**	%	0.10	0.10	1		05/03/12 08:23		

Sample: 2000 DIESEL NORTH END **Lab ID: 4059397006** Collected: 04/18/12 14:00 Received: 04/27/12 09:05 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO								
Diesel Range Organics	**98.7**	mg/kg	4.5	2.2	2	04/30/12 06:39	05/01/12 11:41		1q
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:47	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:47	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:47	1634-04-4	W
Naphthalene	**61.3J**	ug/kg	68.3	28.5	1	04/30/12 11:50	05/01/12 02:47	91-20-3	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:47	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:47	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:47	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/30/12 11:50	05/01/12 02:47	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 02:47	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%.	80-120		1	04/30/12 11:50	05/01/12 02:47	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.1**	%	0.10	0.10	1		05/03/12 08:23		

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ANALYTICAL RESULTS

Project: R & S SERVICE
Pace Project No.: 4059397

Sample: VENT PIPING **Lab ID: 4059397007** Collected: 04/20/12 10:00 Received: 04/27/12 09:05 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO								
Diesel Range Organics	**5.9**	mg/kg	2.0	1.0	1	04/30/12 06:39	05/01/12 10:08		2q
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:13	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:13	100-41-4	W
Gasoline Range Organics	**<2.9**	mg/kg	2.9	2.9	1	04/30/12 11:50	05/01/12 06:13		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:13	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:13	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:13	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:13	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:13	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/30/12 11:50	05/01/12 06:13	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:13	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	105	%.	80-120		1	04/30/12 11:50	05/01/12 06:13	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.8**	%	0.10	0.10	1		05/03/12 08:23		

Sample: PIPING NORTH **Lab ID: 4059397008** Collected: 04/20/12 10:30 Received: 04/27/12 09:05 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO								
Diesel Range Organics	**2.6**	mg/kg	2.1	1.0	1	04/30/12 06:39	05/01/12 10:14		T4
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:38	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:38	100-41-4	W
Gasoline Range Organics	**<2.7**	mg/kg	2.7	2.7	1	04/30/12 11:50	05/01/12 06:38		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:38	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:38	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:38	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:38	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:38	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/30/12 11:50	05/01/12 06:38	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 06:38	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	80-120		1	04/30/12 11:50	05/01/12 06:38	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**7.2**	%	0.10	0.10	1		05/03/12 08:24		

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ANALYTICAL RESULTS

Project: R & S SERVICE
Pace Project No.: 4059397

Sample: PIPING AT T **Lab ID: 4059397009** Collected: 04/20/12 10:40 Received: 04/27/12 09:05 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO								
Diesel Range Organics	**1.8J**	mg/kg	2.3	1.1	1	04/30/12 06:39	05/01/12 10:19		T4
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 07:04	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 07:04	100-41-4	W
Gasoline Range Organics	**<3.0**	mg/kg	3.0	3.0	1	04/30/12 11:50	05/01/12 07:04		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 07:04	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 07:04	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 07:04	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 07:04	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 07:04	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/30/12 11:50	05/01/12 07:04	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/30/12 11:50	05/01/12 07:04	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%.	80-120		1	04/30/12 11:50	05/01/12 07:04	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.4**	%	0.10	0.10	1		05/03/12 08:24		

Sample: PUMP #1-4' BG **Lab ID: 4059397010** Collected: 04/20/12 11:20 Received: 04/27/12 09:05 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO								
Diesel Range Organics	**1080**	mg/kg	43.0	21.4	20	04/30/12 06:39	05/01/12 11:47		T4
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<1000**	ug/kg	2400	1000	40	04/30/12 11:50	05/01/12 04:30	71-43-2	W
Ethylbenzene	**2600J**	ug/kg	2760	1150	40	04/30/12 11:50	05/01/12 04:30	100-41-4	
Gasoline Range Organics	**2940**	mg/kg	115	115	40	04/30/12 11:50	05/01/12 04:30		
Methyl-tert-butyl ether	**<1000**	ug/kg	2400	1000	40	04/30/12 11:50	05/01/12 04:30	1634-04-4	W
Naphthalene	**18400**	ug/kg	2760	1150	40	04/30/12 11:50	05/01/12 04:30	91-20-3	
Toluene	**2250J**	ug/kg	2760	1150	40	04/30/12 11:50	05/01/12 04:30	108-88-3	
1,2,4-Trimethylbenzene	**216000**	ug/kg	2760	1150	40	04/30/12 11:50	05/01/12 04:30	95-63-6	
1,3,5-Trimethylbenzene	**102000**	ug/kg	2760	1150	40	04/30/12 11:50	05/01/12 04:30	108-67-8	
m&p-Xylene	**127000**	ug/kg	5520	2300	40	04/30/12 11:50	05/01/12 04:30	179601-23-1	
o-Xylene	**58000**	ug/kg	2760	1150	40	04/30/12 11:50	05/01/12 04:30	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	108	%.	80-120		40	04/30/12 11:50	05/01/12 04:30	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.0**	%	0.10	0.10	1		05/03/12 08:24		

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ANALYTICAL RESULTS

Project: R & S SERVICE
Pace Project No.: 4059397

Sample: PUMP #2-2' BG **Lab ID: 4059397011** Collected: 04/20/12 11:15 Received: 04/27/12 09:05 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO								
Diesel Range Organics	**433**	mg/kg	20.0	9.9	10	04/30/12 06:39	05/01/12 11:53		T4
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<50.0**	ug/kg	120	50.0	2	04/30/12 11:50	05/01/12 04:55	71-43-2	W
Ethylbenzene	**<50.0**	ug/kg	120	50.0	2	04/30/12 11:50	05/01/12 04:55	100-41-4	W
Gasoline Range Organics	**131**	mg/kg	5.8	5.8	2	04/30/12 11:50	05/01/12 04:55		
Methyl-tert-butyl ether	**<50.0**	ug/kg	120	50.0	2	04/30/12 11:50	05/01/12 04:55	1634-04-4	W
Naphthalene	**1110**	ug/kg	139	57.8	2	04/30/12 11:50	05/01/12 04:55	91-20-3	
Toluene	**<50.0**	ug/kg	120	50.0	2	04/30/12 11:50	05/01/12 04:55	108-88-3	W
1,2,4-Trimethylbenzene	**1810**	ug/kg	139	57.8	2	04/30/12 11:50	05/01/12 04:55	95-63-6	
1,3,5-Trimethylbenzene	**2540**	ug/kg	139	57.8	2	04/30/12 11:50	05/01/12 04:55	108-67-8	
m&p-Xylene	**950**	ug/kg	278	116	2	04/30/12 11:50	05/01/12 04:55	179601-23-1	
o-Xylene	**482**	ug/kg	139	57.8	2	04/30/12 11:50	05/01/12 04:55	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	113	%.	80-120		2	04/30/12 11:50	05/01/12 04:55	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.5**	%	0.10	0.10	1		05/03/12 08:24		

Sample: PUMP #4+5-3' BG **Lab ID: 4059397012** Collected: 04/20/12 12:30 Received: 04/27/12 09:05 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	**<625**	ug/kg	1500	625	25	04/30/12 11:50	05/01/12 04:04	71-43-2	W
Ethylbenzene	**3240**	ug/kg	1730	719	25	04/30/12 11:50	05/01/12 04:04	100-41-4	
Gasoline Range Organics	**2010**	mg/kg	71.9	71.9	25	04/30/12 11:50	05/01/12 04:04		
Methyl-tert-butyl ether	**<625**	ug/kg	1500	625	25	04/30/12 11:50	05/01/12 04:04	1634-04-4	W
Naphthalene	**20300**	ug/kg	1730	719	25	04/30/12 11:50	05/01/12 04:04	91-20-3	
Toluene	**<625**	ug/kg	1500	625	25	04/30/12 11:50	05/01/12 04:04	108-88-3	W
1,2,4-Trimethylbenzene	**176000**	ug/kg	1730	719	25	04/30/12 11:50	05/01/12 04:04	95-63-6	
1,3,5-Trimethylbenzene	**81500**	ug/kg	1730	719	25	04/30/12 11:50	05/01/12 04:04	108-67-8	
m&p-Xylene	**59800**	ug/kg	3450	1440	25	04/30/12 11:50	05/01/12 04:04	179601-23-1	
o-Xylene	**7150**	ug/kg	1730	719	25	04/30/12 11:50	05/01/12 04:04	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	110	%.	80-120		25	04/30/12 11:50	05/01/12 04:04	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.1**	%	0.10	0.10	1		05/03/12 08:24		

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QUALITY CONTROL DATA

Project: R & S SERVICE
Pace Project No.: 4059397

QC Batch: GCV/8309 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 4059397001, 4059397002, 4059397003, 4059397004, 4059397005, 4059397006, 4059397007, 4059397008, 4059397009, 4059397010, 4059397011, 4059397012

METHOD BLANK: 598539 Matrix: Solid
Associated Lab Samples: 4059397001, 4059397002, 4059397003, 4059397004, 4059397005, 4059397006, 4059397007, 4059397008, 4059397009, 4059397010, 4059397011, 4059397012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	04/30/12 21:14	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	04/30/12 21:14	
Benzene	ug/kg	<25.0	60.0	04/30/12 21:14	
Ethylbenzene	ug/kg	<25.0	60.0	04/30/12 21:14	
Gasoline Range Organics	mg/kg	<2.5	2.5	04/30/12 21:14	
m&p-Xylene	ug/kg	<50.0	120	04/30/12 21:14	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	04/30/12 21:14	
Naphthalene	ug/kg	<25.0	60.0	04/30/12 21:14	
o-Xylene	ug/kg	<25.0	60.0	04/30/12 21:14	
Toluene	ug/kg	<25.0	60.0	04/30/12 21:14	
a,a,a-Trifluorotoluene (S)	%.	103	80-120	04/30/12 21:14	

LABORATORY CONTROL SAMPLE & LCSD: 598540 598541

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	1020	1000	102	100	80-120	1	20	
1,3,5-Trimethylbenzene	ug/kg	1000	1050	1040	105	104	80-120	1	20	
Benzene	ug/kg	1000	1170	1110	117	111	80-120	5	20	
Ethylbenzene	ug/kg	1000	1110	1080	111	108	80-120	3	20	
Gasoline Range Organics	mg/kg	10	10.8	10.0	108	100	80-120	7	20	
m&p-Xylene	ug/kg	2000	2180	2110	109	106	80-120	3	20	
Methyl-tert-butyl ether	ug/kg	1000	1160	1090	116	109	80-120	6	20	
Naphthalene	ug/kg	1000	1060	1070	106	107	80-120	1	20	
o-Xylene	ug/kg	1000	1110	1090	111	109	80-120	2	20	
Toluene	ug/kg	1000	1120	1080	112	108	80-120	3	20	
a,a,a-Trifluorotoluene (S)	%.				103	103	80-120			

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QUALITY CONTROL DATA

Project: R & S SERVICE
Pace Project No.: 4059397

QC Batch: OEXT/14349 Analysis Method: WI MOD DRO
QC Batch Method: WI MOD DRO Analysis Description: WIDRO GCS
Associated Lab Samples: 4059397005, 4059397006, 4059397007, 4059397008, 4059397009, 4059397010, 4059397011

METHOD BLANK: 598388 Matrix: Solid
Associated Lab Samples: 4059397005, 4059397006, 4059397007, 4059397008, 4059397009, 4059397010, 4059397011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range Organics	mg/kg	1.4J	2.0	04/30/12 15:05	

LABORATORY CONTROL SAMPLE & LCSD: 598389 598390

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Range Organics	mg/kg	40	34.3	33.2	86	83	70-120	3	20	

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QUALITY CONTROL DATA

Project: R & S SERVICE
Pace Project No.: 4059397

QC Batch: PMST/6994 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4059397001, 4059397002, 4059397003, 4059397004, 4059397005, 4059397006, 4059397007, 4059397008, 4059397009, 4059397010, 4059397011, 4059397012

SAMPLE DUPLICATE: 599852

Parameter	Units	4059397001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.4	9.8	4	10	

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QUALIFIERS

Project: R & S SERVICE
Pace Project No.: 4059397

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.

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.

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1q	Sample was solvent preserved on 04/27/12.
2q	The sample weight in the container did not meet method specifications. Sample was sub-sampled to meet method criteria.
T4	Result reported for hydrocarbons within the method-specific range that do not match pattern of laboratory standard.
W	Non-detect results are reported on a wet weight basis.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: R & S SERVICE
Pace Project No.: 4059397

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4059397005	2000 DIESEL SOUTH END	WI MOD DRO	OEXT/14349	WI MOD DRO	GCSV/7555
4059397006	2000 DIESEL NORTH END	WI MOD DRO	OEXT/14349	WI MOD DRO	GCSV/7555
4059397007	VENT PIPING	WI MOD DRO	OEXT/14349	WI MOD DRO	GCSV/7555
4059397008	PIPING NORTH	WI MOD DRO	OEXT/14349	WI MOD DRO	GCSV/7555
4059397009	PIPING AT T	WI MOD DRO	OEXT/14349	WI MOD DRO	GCSV/7555
4059397010	PUMP #1-4' BG	WI MOD DRO	OEXT/14349	WI MOD DRO	GCSV/7555
4059397011	PUMP #2-2' BG	WI MOD DRO	OEXT/14349	WI MOD DRO	GCSV/7555
4059397001	4000 GAS NORTH END	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397002	4000 GAS SOUTH END	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397003	4000 GAS NORTH END	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397004	4000 GAS SOUTH END	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397005	2000 DIESEL SOUTH END	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397006	2000 DIESEL NORTH END	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397007	VENT PIPING	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397008	PIPING NORTH	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397009	PIPING AT T	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397010	PUMP #1-4' BG	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397011	PUMP #2-2' BG	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397012	PUMP #4+5-3' BG	TPH GRO/PVOC WI ext.	GCV/8309	WI MOD GRO	GCV/8313
4059397001	4000 GAS NORTH END	ASTM D2974-87	PMST/6994		
4059397002	4000 GAS SOUTH END	ASTM D2974-87	PMST/6994		
4059397003	4000 GAS NORTH END	ASTM D2974-87	PMST/6994		
4059397004	4000 GAS SOUTH END	ASTM D2974-87	PMST/6994		
4059397005	2000 DIESEL SOUTH END	ASTM D2974-87	PMST/6994		
4059397006	2000 DIESEL NORTH END	ASTM D2974-87	PMST/6994		
4059397007	VENT PIPING	ASTM D2974-87	PMST/6994		
4059397008	PIPING NORTH	ASTM D2974-87	PMST/6994		
4059397009	PIPING AT T	ASTM D2974-87	PMST/6994		
4059397010	PUMP #1-4' BG	ASTM D2974-87	PMST/6994		
4059397011	PUMP #2-2' BG	ASTM D2974-87	PMST/6994		
4059397012	PUMP #4+5-3' BG	ASTM D2974-87	PMST/6994		