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

RECEIVED
JUL 10 2013
BY:

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 KIPP'S AUTO SERVICE	2. Owner Name MELVIN KIPP
Facility Street Address (not P.O. Box) 5507 W HAMPTON AVE	3. Contact Name OWNER — Job Title
Municipality Maili	ng Address 8031 W VILLARD AVE
■ City ☐ Village ☐ Town of: MILWAUKEE	Post Office — State Z — ip Code MILWAUKEE, WI 53218
Zip Code 53218 — County MILWAUKEE	County MILWAUKEE — Telephone No. (include area code) (414) 527-3417
4. Primary Service Contractor Section A above HELLER'S JUNK REMOVAL	Service Contractor Street Address 3217 THORP STREET
Service Contractor Telephone No. (include area code) ( ) 608-242-8210	Service Contractor City, State, Zip Code MADISON, WI 53714

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]
301756	P	COATED STEEL	Steel	3000	LG	☑ Y	☐ N	P	UNK
301757	P	~~COATED STEEL~~	Steel	8000	UG	☑ Y	☐ N	P	UNK
1335793	P	COATED STEEL	Steel	500	WO	☐ Y	☑ N		
	Fiber glass.					☐ Y	☐ N		
						☐ Y	☐ N		
						☐ Y	☐ N		

1. Indicate type of closure: P = Permanent, TOS = Temporarily Out-of-Service, CIP = Closure In-Place
2. Indicate type of product: DL = Diesel, LG = Leaded Gasoline, UG = Unleaded Gasoline, FO = Fuel Oil, GH = Gasohol, AF = Aviation Fuel, K = Kerosene, PX = Premix, WO = Waste/Used Motor Oil, FCHZW = Flammable/Combustible Hazardous Waste, OC = Other Chemical (indicate the chemical name(s):

CAS number(s):

3. Source of release: T = tank, P = piping, D = dispenser, STP = submersible turbine pump, DP = delivery problem, O = other, UNK = Unknown
4. Cause of release: S = spill, O = overfill, POMD = physical or mechanical damage, C = corrosion, IP = installation problem, O = other, UNK = Unknown
5. Has release been reported to the Department of Natural Resources? ☑ Yes ☐ No ☐ Release not evident at this time

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

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

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

■ UST Form ERS-7437 or ☐ AST Form ERS-8731 filed by owner with DSPS indicating closure. ■ 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 SAFETY AND PROFESSIONAL SERVICES (DSPS) 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 DSPS indicating closure in-place.	☐Y ☐N	☐Y ☐N	☐

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

Written notification was provided to the local agent 5 days in advance of service date.	☐ Y ☐ N ☐ NA
All local permits were obtained before beginning service.	☐ Y ☐ N ☐ NA
Form ERS-7437 or ERS-8731 filed by owner with the DSPS indicating change-in-service.	☐ Y ☐ N ☐ NA

F. METHOD OF VAPOR FREEING OF TANK

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

☐ Inert gas using dry ice or liquid carbon dioxide.

☐ Inert gas using 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		42281	12-10-2012
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 JUNK REMOVAL

H. INSPECTOR INFORMATION

LeRoy A. Nordmeyer		262487	N/A
Inspector Name (print)	Inspector Signature	Inspector Cert #	LPO Agency #:

4020 - MFD	262-275-8759	12/10/12
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: KIPP'S AUTO SERVICE

Address: 5507 W HAMPTON AVE, MILWAUKEE WI 53218

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 DSPS # _____, 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	25 FEET	10 FEET
2	6 FEET	6 FEET	6 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 5 feet b. Indicate type of geology[2] C

(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

BOTH THE 3000 AND THE 8000 GALLON TANKS WERE MORE THAN 70 % SUBMERGED. THE 8000 GALLON TANK HAD LESS THAN 24 INCHES OF PRODUCT/WATER AND THE 3000 GALLON TANK HAD LESS THAN 20 INCHES OF PRODUCT/WATER. I WOULD CONCLUDE THAT THE TANKS WERE NOT LEAKING. THE THREE TANKS REMOVED FROM THE SITE ALL HAD GALVINIZED THREADED STEEL PIPING.

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				
4071954001	tank excavation east side wall	xx				5 feet below grade	na	10.4	
4071954002	pump island east side wall	x				5 feet below grade	na	108	
4071954003	pump island west side wall	x				5 feet below grade	na	34.6	
4071954004	tank excavation west side wall	x				5 feet below grade	na	152	
4071954005	tank excavation south side wall	x				5 feet below grade	na	302	
4071954006	tank excavation at vent	x				5 feet below grade	na	-3.3	
4071954007	waste oil south side wall	x				5 feet below grade	na	-3.2	72.2
4071954008	waste oil north side wall	x				5 feet below grade	na	847	4140

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
4071954001	-25	-25	-25	-25	-25	-50	-25
4071954002	-25	-25	-25	-25	278	503	238
4071954003	-25	-25	118	-25	124.9	36.8	293
4071954004	-25	-25	555	65.2	692	478	983
4071954005	-100	-100	-100	-100	565	680	500
4071954006	-25	-25	-25	-25	58	-50	-25
4071954007	-25	-25	-25	-25	359	-50	59.7
4071954008	-250	-250	3120	-250	85890	7700	11400

K. TANK-SYSTEM SITE ASSESSMENT INFORMATION

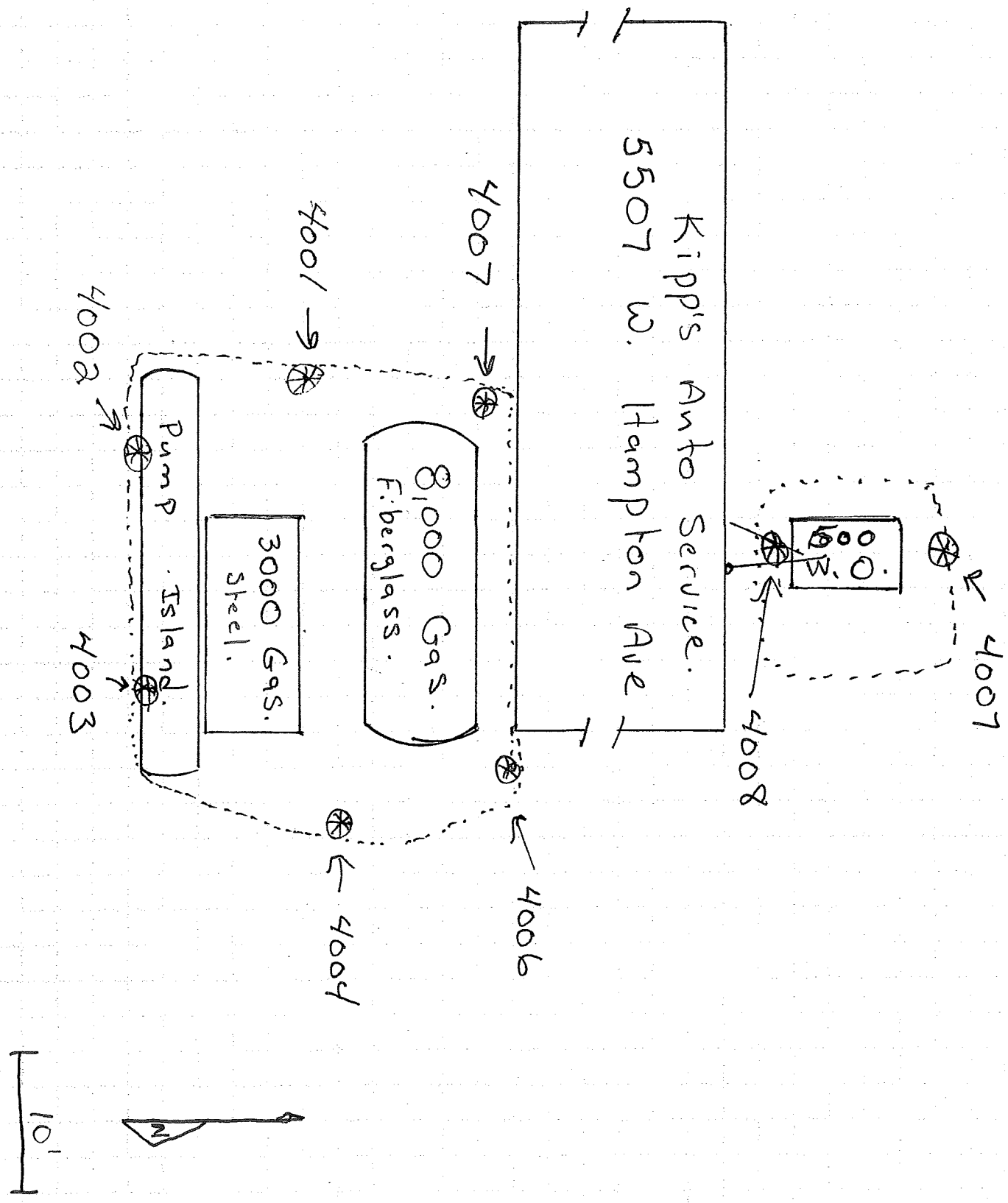
☐ As a tank-system site assessor certified under Wis. Admin. Code section Comm 5.83, it is my opinion that there is no indication of a release of a regulated substance to the environment.

☒ 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	Jon J. Heller	42281
Tank-System Site Assessor Name (print)	Tank-System Site Assessor Signature	Certification Number #
608-242-8210	1-22-2013	Heller's Junk Removal
Tank-System Site Assessor Telephone Number	Date Signed	Company Name

For Kipp's Auto Service
Location W. Hampton Ave
Subject Tank Removal.
Sample locations

Job No. 100230
Page
Date 12-15-12
By Jon D Thu



HELLER'S JUNK REMOVAL
3217 THORP STREET
MADISON, WI 53714
608-242-8210
FAX 608-242-8212

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
4400 Sycamore Avenue
Madison, WI 53714
608-241-7191

CUSTOMER DSPS

SITE NAME Kipp's Auto Service

SITE LOCATION 5507 W. Hampton Ave.
Milwaukee, WI

TANK DESCRIPTION 500 & 3000 Gallon Steel

DRIVER SIGNATURE Jon J Heller **DATE** 12-10-12

HELLER'S JUNK REMOVAL
3217 THORP STREET
MADISON, WI 53714
608-242-8210
FAX 608-242-8212

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.

Dane County Landfill
Highway 12
Madison, WI

CUSTOMER DSPS

SITE NAME Kipp's Auto Service

SITE LOCATION 5507 W. Hampton Ave.
Milwaukee WI.

TANK DESCRIPTION 8000 Gallon Fiberglass.

DRIVER SIGNATURE Jon J Heller **DATE** 12-10-12

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

Page 1 of

4071954

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:	Seymour
Branch/Location:	
Project Contact:	Jon Heller
Phone:	608-242-8210
Project Number:	
Project Name:	Kipp's Auto
Project State:	WI
Sampled By (Print):	Jon Heller
Sampled By (Sign):	Jon J Heller
PO #:	Regulatory Program:

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								CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
							DRO	GRO	PVOC + Naphth	C							
001	Tank Exc. East	12/11	10:00	S				X	X							1-4oz pA, 1-40mlV P	
002	Pump Island East	12/11	10:10					X	X								
003	Pump Island west	12/11	10:30					X	X								
004	Tank Exc. west	12/11	10:20					X	X								
005	Tank Exc South	12/11	10:15					X	X								
006	Tank Exc 1 Vent.	12/11	10:35					X	X								
007	Waste Oil South	12/11	1:08 PM				X	X	X						1-4ozcg A		
008	Wast Oil North	12/11	1:10 PM				X	X	X								

Analyses added to COC by lab per PM contacting Client. 12/14/12 SKC

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:
Jon J Heller	12-13-12 10:43		
Durham	12/14/12 1010	Susan Kilfe Pace	12/14/12 1010

PACE Project No.
4071954

Receipt Temp = R0 °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Pace Analytical®
www.pacelabs.com

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

December 24, 2012

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

RE: Project: KIPP'S AUTO
Pace Project No.: 4071954

Dear Robyn Seymour:
Enclosed are the analytical results for sample(s) received by the laboratory on December 14, 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,

Dan Milewsky

Dan Milewsky

dan.milewsky@pacelabs.com
Project Manager

Enclosures

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

CERTIFICATIONS

Project: KIPP'S AUTO
Pace Project No.: 4071954

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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Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: KIPP'S AUTO
Pace Project No.: 4071954

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4071954001	TANK EXC. EAST	Solid	12/11/12 10:00	12/14/12 10:10
4071954002	PUMP ISLAND EAST	Solid	12/11/12 10:10	12/14/12 10:10
4071954003	PUMP ISLAND WEST	Solid	12/11/12 10:30	12/14/12 10:10
4071954004	TANK EXC. WEST	Solid	12/11/12 10:20	12/14/12 10:10
4071954005	TANK EXC. SOUTH	Solid	12/11/12 10:15	12/14/12 10:10
4071954006	TANK EXC. I VENT	Solid	12/11/12 10:35	12/14/12 10:10
4071954007	WASTE OIL SOUTH	Solid	12/11/12 13:00	12/14/12 10:10
4071954008	WASTE OIL NORTH	Solid	12/11/12 13:00	12/14/12 10:10

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(920)469-2436

SAMPLE ANALYTE COUNT

Project: KIPP'S AUTO
Pace Project No.: 4071954

Lab ID	Sample ID	Method	Analysts	Analytes Reported
4071954001	**TANK EXC. EAST**	WI MOD GRO	LCF	11
		ASTM D2974-87	MAV	1
4071954002	**PUMP ISLAND EAST**	WI MOD GRO	LCF	11
		ASTM D2974-87	MAV	1
4071954003	**PUMP ISLAND WEST**	WI MOD GRO	LCF	11
		ASTM D2974-87	MAV	1
4071954004	**TANK EXC. WEST**	WI MOD GRO	LCF	11
		ASTM D2974-87	MAV	1
4071954005	**TANK EXC. SOUTH**	WI MOD GRO	LCF	11
		ASTM D2974-87	MAV	1
4071954006	**TANK EXC. I VENT**	WI MOD GRO	LCF	11
		ASTM D2974-87	MAV	1
4071954007	**WASTE OIL SOUTH**	WI MOD DRO	DAL	1
		WI MOD GRO	LCF	11
		ASTM D2974-87	MAV	1
4071954008	**WASTE OIL NORTH**	WI MOD DRO	DAL	1
		WI MOD GRO	LCF	11
		ASTM D2974-87	MAV	1

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

ANALYTICAL RESULTS

Project: KIPP'S AUTO
Pace Project No.: 4071954

Sample: TANK EXC. EAST **Lab ID: 4071954001** Collected: 12/11/12 10:00 Received: 12/14/12 10:10 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	12/19/12 09:21	12/19/12 15:08	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 15:08	100-41-4	W
Gasoline Range Organics	**10.4**	mg/kg	3.2	3.2	1	12/19/12 09:21	12/19/12 15:08		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 15:08	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 15:08	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 15:08	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 15:08	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 15:08	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/19/12 09:21	12/19/12 15:08	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 15:08	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	109	%.	80-120		1	12/19/12 09:21	12/19/12 15:08	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**23.1**	%	0.10	0.10	1		12/21/12 13:39		

Sample: PUMP ISLAND EAST **Lab ID: 4071954002** Collected: 12/11/12 10:10 Received: 12/14/12 10:10 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	12/19/12 09:21	12/19/12 22:00	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 22:00	100-41-4	W
Gasoline Range Organics	**108**	mg/kg	3.1	3.1	1	12/19/12 09:21	12/19/12 22:00		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 22:00	1634-04-4	W
Naphthalene	**238**	ug/kg	75.0	31.3	1	12/19/12 09:21	12/19/12 22:00	91-20-3	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 22:00	108-88-3	W
1,2,4-Trimethylbenzene	**278**	ug/kg	75.0	31.3	1	12/19/12 09:21	12/19/12 22:00	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 22:00	108-67-8	W
m&p-Xylene	**118J**	ug/kg	150	62.5	1	12/19/12 09:21	12/19/12 22:00	179601-23-1	
o-Xylene	**385**	ug/kg	75.0	31.3	1	12/19/12 09:21	12/19/12 22:00	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	140	%.	80-120		1	12/19/12 09:21	12/19/12 22:00	98-08-8	S7
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**20.0**	%	0.10	0.10	1		12/21/12 13:39		

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ANALYTICAL RESULTS

Project: KIPP'S AUTO
Pace Project No.: 4071954

Sample: PUMP ISLAND WEST **Lab ID: 4071954003** Collected: 12/11/12 10:30 Received: 12/14/12 10:10 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	12/19/12 09:21	12/19/12 15:34	71-43-2	W
Ethylbenzene	**118**	ug/kg	70.2	29.3	1	12/19/12 09:21	12/19/12 15:34	100-41-4	
Gasoline Range Organics	**34.6**	mg/kg	2.9	2.9	1	12/19/12 09:21	12/19/12 15:34		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 15:34	1634-04-4	W
Naphthalene	**293**	ug/kg	70.2	29.3	1	12/19/12 09:21	12/19/12 15:34	91-20-3	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 15:34	108-88-3	W
1,2,4-Trimethylbenzene	**53.6J**	ug/kg	70.2	29.3	1	12/19/12 09:21	12/19/12 15:34	95-63-6	
1,3,5-Trimethylbenzene	**71.3**	ug/kg	70.2	29.3	1	12/19/12 09:21	12/19/12 15:34	108-67-8	
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/19/12 09:21	12/19/12 15:34	179601-23-1	W
o-Xylene	**36.8J**	ug/kg	70.2	29.3	1	12/19/12 09:21	12/19/12 15:34	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	120	%.	80-120		1	12/19/12 09:21	12/19/12 15:34	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.5**	%	0.10	0.10	1		12/21/12 13:39		

Sample: TANK EXC. WEST **Lab ID: 4071954004** Collected: 12/11/12 10:20 Received: 12/14/12 10:10 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	12/19/12 09:21	12/19/12 22:26	71-43-2	W
Ethylbenzene	**555**	ug/kg	71.9	30.0	1	12/19/12 09:21	12/19/12 22:26	100-41-4	
Gasoline Range Organics	**152**	mg/kg	3.0	3.0	1	12/19/12 09:21	12/19/12 22:26		
Methyl-tert-butyl ether	**65.2J**	ug/kg	71.9	30.0	1	12/19/12 09:21	12/19/12 22:26	1634-04-4	
Naphthalene	**983**	ug/kg	71.9	30.0	1	12/19/12 09:21	12/19/12 22:26	91-20-3	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 22:26	108-88-3	W
1,2,4-Trimethylbenzene	**214**	ug/kg	71.9	30.0	1	12/19/12 09:21	12/19/12 22:26	95-63-6	
1,3,5-Trimethylbenzene	**478**	ug/kg	71.9	30.0	1	12/19/12 09:21	12/19/12 22:26	108-67-8	
m&p-Xylene	**300**	ug/kg	144	59.9	1	12/19/12 09:21	12/19/12 22:26	179601-23-1	
o-Xylene	**178**	ug/kg	71.9	30.0	1	12/19/12 09:21	12/19/12 22:26	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	126	%.	80-120		1	12/19/12 09:21	12/19/12 22:26	98-08-8	S7
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.6**	%	0.10	0.10	1		12/21/12 13:39		

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ANALYTICAL RESULTS

Project: KIPP'S AUTO
Pace Project No.: 4071954

Sample: TANK EXC. SOUTH **Lab ID: 4071954005** Collected: 12/11/12 10:15 Received: 12/14/12 10:10 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	**<100**	ug/kg	240	100	4	12/19/12 09:21	12/20/12 21:32	71-43-2	W
Ethylbenzene	**<100**	ug/kg	240	100	4	12/19/12 09:21	12/20/12 21:32	100-41-4	W
Gasoline Range Organics	**302**	mg/kg	12.7	12.7	4	12/19/12 09:21	12/20/12 21:32		
Methyl-tert-butyl ether	**<100**	ug/kg	240	100	4	12/19/12 09:21	12/20/12 21:32	1634-04-4	W
Naphthalene	**500**	ug/kg	305	127	4	12/19/12 09:21	12/20/12 21:32	91-20-3	
Toluene	**<100**	ug/kg	240	100	4	12/19/12 09:21	12/20/12 21:32	108-88-3	W
1,2,4-Trimethylbenzene	**565**	ug/kg	305	127	4	12/19/12 09:21	12/20/12 21:32	95-63-6	
1,3,5-Trimethylbenzene	**<100**	ug/kg	240	100	4	12/19/12 09:21	12/20/12 21:32	108-67-8	W
m&p-Xylene	**<200**	ug/kg	480	200	4	12/19/12 09:21	12/20/12 21:32	179601-23-1	W
o-Xylene	**680**	ug/kg	305	127	4	12/19/12 09:21	12/20/12 21:32	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	131	%.	80-120		4	12/19/12 09:21	12/20/12 21:32	98-08-8	S7
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**21.2**	%	0.10	0.10	1		12/21/12 13:39		

Sample: TANK EXC. I VENT **Lab ID: 4071954006** Collected: 12/11/12 10:35 Received: 12/14/12 10:10 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	12/19/12 09:21	12/19/12 14:16	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 14:16	100-41-4	W
Gasoline Range Organics	**<3.3**	mg/kg	3.3	3.3	1	12/19/12 09:21	12/19/12 14:16		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 14:16	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 14:16	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 14:16	108-88-3	W
1,2,4-Trimethylbenzene	**58.0J**	ug/kg	79.1	33.0	1	12/19/12 09:21	12/19/12 14:16	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 14:16	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/19/12 09:21	12/19/12 14:16	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 14:16	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%.	80-120		1	12/19/12 09:21	12/19/12 14:16	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**24.2**	%	0.10	0.10	1		12/21/12 13:39		

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ANALYTICAL RESULTS

Project: KIPP'S AUTO
Pace Project No.: 4071954

Sample: WASTE OIL SOUTH **Lab ID: 4071954007** Collected: 12/11/12 13:00 Received: 12/14/12 10:10 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	**72.2**	mg/kg	2.4	1.2	1	12/18/12 04:30	12/18/12 11:47		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	12/19/12 09:21	12/19/12 14:42	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 14:42	100-41-4	W
Gasoline Range Organics	**<3.2**	mg/kg	3.2	3.2	1	12/19/12 09:21	12/19/12 14:42		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 14:42	1634-04-4	W
Naphthalene	**59.7J**	ug/kg	77.2	32.1	1	12/19/12 09:21	12/19/12 14:42	91-20-3	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 14:42	108-88-3	W
1,2,4-Trimethylbenzene	**359**	ug/kg	77.2	32.1	1	12/19/12 09:21	12/19/12 14:42	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 14:42	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/19/12 09:21	12/19/12 14:42	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/19/12 09:21	12/19/12 14:42	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	105	%.	80-120		1	12/19/12 09:21	12/19/12 14:42	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**22.2**	%	0.10	0.10	1		12/21/12 13:39		

Sample: WASTE OIL NORTH **Lab ID: 4071954008** Collected: 12/11/12 13:00 Received: 12/14/12 10:10 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	**4140**	mg/kg	243	121	100	12/18/12 04:30	12/18/12 12:16		T4
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<250**	ug/kg	600	250	10	12/19/12 09:21	12/19/12 20:17	71-43-2	W
Ethylbenzene	**3120**	ug/kg	762	317	10	12/19/12 09:21	12/19/12 20:17	100-41-4	
Gasoline Range Organics	**847**	mg/kg	31.7	31.7	10	12/19/12 09:21	12/19/12 20:17		
Methyl-tert-butyl ether	**<250**	ug/kg	600	250	10	12/19/12 09:21	12/19/12 20:17	1634-04-4	W
Naphthalene	**11400**	ug/kg	762	317	10	12/19/12 09:21	12/19/12 20:17	91-20-3	
Toluene	**<250**	ug/kg	600	250	10	12/19/12 09:21	12/19/12 20:17	108-88-3	W
1,2,4-Trimethylbenzene	**83300**	ug/kg	762	317	10	12/19/12 09:21	12/19/12 20:17	95-63-6	
1,3,5-Trimethylbenzene	**2590**	ug/kg	762	317	10	12/19/12 09:21	12/19/12 20:17	108-67-8	
m&p-Xylene	**6160**	ug/kg	1520	635	10	12/19/12 09:21	12/19/12 20:17	179601-23-1	
o-Xylene	**1540**	ug/kg	762	317	10	12/19/12 09:21	12/19/12 20:17	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	120	%.	80-120		10	12/19/12 09:21	12/19/12 20:17	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**21.2**	%	0.10	0.10	1		12/21/12 13:39		

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QUALITY CONTROL DATA

Project: KIPP'S AUTO
Pace Project No.: 4071954

QC Batch: GCV/9524 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 4071954001, 4071954002, 4071954003, 4071954004, 4071954005, 4071954006, 4071954007, 4071954008

METHOD BLANK: 729164 Matrix: Solid
Associated Lab Samples: 4071954001, 4071954002, 4071954003, 4071954004, 4071954005, 4071954006, 4071954007, 4071954008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	12/19/12 12:07	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	12/19/12 12:07	
Benzene	ug/kg	<25.0	60.0	12/19/12 12:07	
Ethylbenzene	ug/kg	<25.0	60.0	12/19/12 12:07	
Gasoline Range Organics	mg/kg	<2.5	2.5	12/19/12 12:07	
m&p-Xylene	ug/kg	<50.0	120	12/19/12 12:07	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	12/19/12 12:07	
Naphthalene	ug/kg	<25.0	60.0	12/19/12 12:07	
o-Xylene	ug/kg	<25.0	60.0	12/19/12 12:07	
Toluene	ug/kg	<25.0	60.0	12/19/12 12:07	
a,a,a-Trifluorotoluene (S)	%.	103	80-120	12/19/12 12:07	

LABORATORY CONTROL SAMPLE & LCSD: 729165 729166

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	940	976	94	98	80-120	4	20	
1,3,5-Trimethylbenzene	ug/kg	1000	978	1010	98	101	80-120	4	20	
Benzene	ug/kg	1000	1050	1090	105	109	80-120	4	20	
Ethylbenzene	ug/kg	1000	1040	1090	104	109	80-120	4	20	
Gasoline Range Organics	mg/kg	10	9.7	9.9	97	99	80-120	2	20	
m&p-Xylene	ug/kg	2000	2070	2170	104	108	80-120	4	20	
Methyl-tert-butyl ether	ug/kg	1000	920	932	92	93	80-120	1	20	
Naphthalene	ug/kg	1000	896	912	90	91	80-120	2	20	
o-Xylene	ug/kg	1000	1030	1080	103	108	80-120	4	20	
Toluene	ug/kg	1000	1040	1080	104	108	80-120	4	20	
a,a,a-Trifluorotoluene (S)	%.				104	104	80-120			

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QUALITY CONTROL DATA

Project: KIPP'S AUTO
Pace Project No.: 4071954

QC Batch: OEXT/17204 Analysis Method: WI MOD DRO
QC Batch Method: WI MOD DRO Analysis Description: WIDRO GCS
Associated Lab Samples: 4071954007, 4071954008

METHOD BLANK: 728406 Matrix: Solid
Associated Lab Samples: 4071954007, 4071954008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range Organics	mg/kg	<0.99	2.0	12/18/12 10:55	

LABORATORY CONTROL SAMPLE & LCSD: 728407 728408

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Range Organics	mg/kg	40	38.1	33.8	95	85	70-120	12	20	

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QUALITY CONTROL DATA

Project: KIPP'S AUTO
Pace Project No.: 4071954

QC Batch: PMST/8075 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4071954001, 4071954002, 4071954003, 4071954004, 4071954005, 4071954006, 4071954007, 4071954008

SAMPLE DUPLICATE: 730746

Parameter	Units	4072202001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.1	6.0	2	10	

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QUALIFIERS

Project: KIPP'S AUTO
Pace Project No.: 4071954

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.

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TNI - The NELAC Institute.

ANALYTE QUALIFIERS

S7	Surrogate recovery outside control limits (not confirmed by re-analysis).
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: KIPP'S AUTO
Pace Project No.: 4071954

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4071954007	**WASTE OIL SOUTH**	WI MOD DRO	OEXT/17204	WI MOD DRO	GCSV/8908
4071954008	**WASTE OIL NORTH**	WI MOD DRO	OEXT/17204	WI MOD DRO	GCSV/8908
4071954001	**TANK EXC. EAST**	TPH GRO/PVOC WI ext.	GCV/9524	WI MOD GRO	GCV/9530
4071954002	**PUMP ISLAND EAST**	TPH GRO/PVOC WI ext.	GCV/9524	WI MOD GRO	GCV/9530
4071954003	**PUMP ISLAND WEST**	TPH GRO/PVOC WI ext.	GCV/9524	WI MOD GRO	GCV/9530
4071954004	**TANK EXC. WEST**	TPH GRO/PVOC WI ext.	GCV/9524	WI MOD GRO	GCV/9530
4071954005	**TANK EXC. SOUTH**	TPH GRO/PVOC WI ext.	GCV/9524	WI MOD GRO	GCV/9530
4071954006	**TANK EXC. I VENT**	TPH GRO/PVOC WI ext.	GCV/9524	WI MOD GRO	GCV/9530
4071954007	**WASTE OIL SOUTH**	TPH GRO/PVOC WI ext.	GCV/9524	WI MOD GRO	GCV/9530
4071954008	**WASTE OIL NORTH**	TPH GRO/PVOC WI ext.	GCV/9524	WI MOD GRO	GCV/9530
4071954001	**TANK EXC. EAST**	ASTM D2974-87	PMST/8075		
4071954002	**PUMP ISLAND EAST**	ASTM D2974-87	PMST/8075		
4071954003	**PUMP ISLAND WEST**	ASTM D2974-87	PMST/8075		
4071954004	**TANK EXC. WEST**	ASTM D2974-87	PMST/8075		
4071954005	**TANK EXC. SOUTH**	ASTM D2974-87	PMST/8075		
4071954006	**TANK EXC. I VENT**	ASTM D2974-87	PMST/8075		
4071954007	**WASTE OIL SOUTH**	ASTM D2974-87	PMST/8075		
4071954008	**WASTE OIL NORTH**	ASTM D2974-87	PMST/8075		

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

Tank List

Searching for:

Facility ID equal to 100230

Number of matching records: 5

Type	ID	Facility ID	Address	Status	Contents	Size (gals)	Cust ID	Owner
County: MILWAUKEE, FDID: 4020 - Milwaukee Bldg Insp, Municipality: CITY OF MILWAUKEE								
1. UST	301756	100230	5507 W HAMPTON AVE	Abandoned without Product	Leaded Gasoline	3000	343280	MELVIN KIPP
2. UST	301757	100230	5507 W HAMPTON AVE	Abandoned without Product	Unleaded Gasoline	8000	343280	MELVIN KIPP
3. UST	1335793	100230	5507 W HAMPTON AVE	Abandoned without Product	Waste/Used Motor Oil	500	343280	MELVIN KIPP
4. UST	1389654	100230	5507 W HAMPTON AVE	Closed/Removed	Unleaded Gasoline	8000	343280	MELVIN KIPP
5. UST	1389655	100230	5507 W HAMPTON AVE	Closed/Removed	Leaded Gasoline	3000	343280	MELVIN KIPP

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Wisconsin Department of Safety and Professional Services

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

Tank Detail

Site and Owner

Site Info	County & Municipality	Owner
Facility ID: 100230 KIPPS AUTO SERVICE	40 - MILWAUKEE	ID: 343280
5507 W HAMPTON AVE	City of MILWAUKEE	MELVIN KIPP
MILWAUKEE	Fire Dept ID: 4020 - Milwaukee Bldg Insp	8031 W VILLARD AVE
Landowner Type: Private		MILWAUKEE WI 53218

Site Anniversary Date: Dispensers have Sumps: Unknown

Underground Storage Tank - ID: 301757, Wang ID: 402003133, Abandoned without Product as of 01/01/1989, PTO Expiration: 10/28/2002

Install Date:		**Capacity in Gallons:**	8000	**Contents:**	Unleaded Gasoline
Tank Occupancy:	Mercantile/Commercial	**Marketer:**	N	**CAS Number:**	
Federally Regulated:	Y	**Spill Protection:**	Required - Not Installed	**Overfill Protection:**	Required - Not Installed
Overfill Prot Type:	- None -	**Containment Sump Installed:**	Unknown		
Corrosion Protect Type:		**Date of Lining:**		**Lining Inspected Date:**	
Leak Detection:	null	**Cath Test Date:**		**Cath Expire Date:**	
Leak Test Meth:		**Leak Expire Date:**		**Leak Test Date:**	
Construction Material:	Coated Steel	**Wall Size:**	Single	**Underground Piping:**	Y
Close Order Date:		**Close Order By:**			

Fiberglass.

Piping - Abandoned without Product

Flex Connectors:	**UST mainfolded:**	**Related Tank ID:**	
Type:	**Aboveground Piping:**	**Aboveground Pipe Construction:**	
Construction Material:	**Corrosion Protect Type:**	**Leak Detection:**	null
Cath Test Date:	**Cath Expire Date:**	**Leak Test Meth:**	
Leak Test Date:	**Leak Expire Date:**	**Pipe Wall Size:**	Single
Catastrophic Leak Detection:	**Cat Leak Test Date:**	**Piping System Type:**	

Inspections Click here for login page

Trans ID	Type	Status	Date	Fiscal Yr
913971	AN	CLNI		2004
1044322	AN	CLNI		2005
1178938	AN	CLNI		2006

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This document was last revised: February 2010

Wisconsin Department of Safety and Professional Services

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

Tank Detail

Site and Owner

Site Info	County & Municipality	Owner
Facility ID: 100230 KIPPS AUTO SERVICE	40 - MILWAUKEE	ID: 343280
5507 W HAMPTON AVE	City of MILWAUKEE	MELVIN KIPP
MILWAUKEE	Fire Dept ID: 4020 - Milwaukee Bldg Insp	8031 W VILLARD AVE
Landowner Type: Private		MILWAUKEE WI 53218
Site Anniversary Date:	Dispensers have Sumps: Unknown	

Underground Storage Tank - ID: 301756, Wang ID: 402003132, Abandoned without Product as of 01/01/1989, PTO Expiration: 10/28/2002

Install Date:		**Capacity in Gallons:**	3000	**Contents:**	Leaded Gasoline
Tank Occupancy:	Mercantile/Commercial	**Marketer:**	N	**CAS Number:**	
Federally Regulated:	Y	**Spill Protection:**	Required - Not Installed	**Overfill Protection:**	Required - Not Installed
Overfill Prot Type:	- None -	**Containment Sump Installed:**	Unknown		
Corrosion Protect Type:		**Date of Lining:**		**Lining Inspected Date:**	
Leak Detection:	null	**Cath Test Date:**		**Cath Expire Date:**	
Leak Test Meth:		**Leak Expire Date:**		**Leak Test Date:**	
Construction Material:	Coated Steel	**Wall Size:**	Single	**Underground Piping:**	Y
Close Order Date:		**Close Order By:**			

Piping - Abandoned without Product

Flex Connectors:	**UST mainfolded:**	**Related Tank ID:**	
Type:	**Aboveground Piping:**	**Aboveground Pipe Construction:**	
Construction Material:	**Corrosion Protect Type:**	**Leak Detection:**	null
Cath Test Date:	**Cath Expire Date:**	**Leak Test Meth:**	
Leak Test Date:	**Leak Expire Date:**	**Pipe Wall Size:**	Single
Catastrophic Leak Detection:	**Cat Leak Test Date:**	**Piping System Type:**	

Inspections Click here for login page

Trans ID	Type	Status	Date	Fiscal Yr
913971	AN	CLNI		2004
1044322	AN	CLNI		2005
1178938	AN	CLNI		2006

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This document was last revised: February 2010

Wisconsin Department of Safety and Professional Services

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

Tank Detail

Site and Owner

Site Info
Facility ID: 100230 KIPPS AUTO SERVICE
5507 W HAMPTON AVE
MILWAUKEE
Landowner Type: Private
Site Anniversary Date: Dispensers have Sumps: Unknown

County & Municipality
40 - MILWAUKEE
City of MILWAUKEE
Fire Dept ID: 4020 - Milwaukee Bldg Insp

Owner
ID: 343280
MELVIN KIPP
8031 W VILLARD AVE
MILWAUKEE WI 53218

Underground Storage Tank - ID: 1335793, Wang ID: null, Abandoned without Product as of 01/01/1989

Install Date:		**Capacity in Gallons:**	500	**Contents:**	Waste/Used Motor Oil
Tank Occupancy:	Mercantile/Commercial	**Marketer:**	N	**CAS Number:**	
Federally Regulated:	Y	**Spill Protection:**	Required - Not Installed	**Overfill Protection:**	Required - Not Installed
Overfill Prot Type:	- None -	**Containment Sump Installed:**	Unknown		
Corrosion Protect Type:		**Date of Lining:**		**Lining Inspected Date:**	
Leak Detection:	null	**Cath Test Date:**		**Cath Expire Date:**	
Leak Test Meth:		**Leak Expire Date:**		**Leak Test Date:**	
Construction Material:	Coated Steel	**Wall Size:**	Single	**Underground Piping:**	Y
Close Order Date:		**Close Order By:**			

Piping - Abandoned without Product

Flex Connectors:	**UST mainfolded:**	**Related Tank ID:**	
Type:	**Aboveground Piping:**	**Aboveground Pipe Construction:**	
Construction Material:	**Corrosion Protect Type:**	**Leak Detection:**	null
Cath Test Date:	**Cath Expire Date:**	**Leak Test Meth:**	
Leak Test Date:	**Leak Expire Date:**	**Pipe Wall Size:**	Single
Catastrophic Leak Detection:	**Cat Leak Test Date:**	**Piping System Type:**	

Inspections Click here for login page

Trans ID	Type Status	Date Fiscal Yr

** No inspections for this tank **

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This document was last revised: February 2010

Wisconsin Department of Safety and Professional Services

TDID#:

Reg Obj #: 301756

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:
MILWAUKEE

A. IDENTIFICATION (Please Print)

1. Tank Site Name	Site Street Address	Site Telephone Number
KIPP'S AUTO SERVICE	5507 W HAMPTON AVE	(414) 527-3417
■ City ☐ Village ☐ Town of: MILWAUKEE	State: WISCONSIN / Zip Code: 53218	County: MILWAUKEE
2. Tank Owner Name: MELVIN KIPP	Mailing Address: 8031 W VILLARD AVE	Telephone Number: ( )
■ City ☐ Village ☐ Town of: MILWAUKEE	State: WISCONSIN / Zip Code: 53218	County: MILWAUKEE
3. Property Owner Name (if different than tank owner)	Property Owner Address if different than #1	

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

C. Tank Capacity (gallons): 3000 | Tank Age (age or date installed): | Vehicle fueling: ■ Yes ☐ No

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

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

F. Tank Construction:
☐ Bare Steel ■ Coated Steel ☐ Stainless steel ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Fiberglass ☐ 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/Interface* ☐ 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): 12-10-2012

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

Tank Owner Name (please print):
Melvin Kipp

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

Date
12-10-12

ERS-7437 (R 03/12)

Note: Refer to comments on reverse side of form.

TDID#:

Reg Obj #: 301757

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:
MILWAUKEE

A. IDENTIFICATION (Please Print)

1. Tank Site Name: KIPP'S AUTO SERVICE
Site Street Address: 5507 W HAMPTON AVE
Site Telephone Number: (414) 527-3417
■ City ☐ Village ☐ Town of: MILWAUKEE
State: WISCONSIN
Zip Code: 53218
County: MILWAUKEE

2. Tank Owner Name: MELVIN KIPP
Mailing Address: 8031 W VILLARD AVE
Telephone Number: ( )
■ City ☐ Village ☐ Town of: MILWAUKEE
State: WISCONSIN
Zip Code: 53218
County: MILWAUKEE

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

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

C. Tank Capacity (gallons): 8000
Tank Age (age or date installed):
Vehicle fueling: ■ Yes ☐ No

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

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

F. Tank Construction:
☐ Bare Steel ■ Coated Steel ☐ Stainless steel ☐ Steel – Fiberglass Reinforced Plastic Composite
(Fiberglass) ☐ 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/Interface* ☐ 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): 12-10-2012
Has a site assessment been completed? (see reverse side for details)
■ Yes ☐ No

Tank Owner Name (please print): Melvin Kipp.

Tank Owner Signature (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.) Melvin Kipp
Date 12-10-12

ERS-7437 (R 03/12)

Note: Refer to comments on reverse side of form.

TDID#:

Reg Obj #: 1335793

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:
MILWAUKEE

A. IDENTIFICATION (Please Print)

1. Tank Site Name	Site Street Address		Site Telephone Number
KIPP'S AUTO SERVICE	5507 W HAMPTON AVE		(414) 527-3417
■ City ☐ Village ☐ Town of: MILWAUKEE	State: WISCONSIN	Zip Code: 53218	County: MILWAUKEE
2. Tank Owner Name: MELVIN KIPP	Mailing Address: 8031 W VILLARD AVE		Telephone Number: ( )
■ City ☐ Village ☐ Town of: MILWAUKEE	State: WISCONSIN	Zip Code: 53218	County: MILWAUKEE
3. Property Owner Name (if different than tank owner)	Property Owner Address if different than #1		

B. Site ID #: **Facility ID #:** 100230 **Customer ID #:** 343280

C. Tank Capacity (gallons): 500 Tank Age (age or date installed): Vehicle fueling: ☐ Yes ■ No

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

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

F. Tank Construction:
☐ Bare Steel ■ Coated Steel ☐ Stainless steel ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Fiberglass ☐ 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/Interface* ☐ 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): 12-10-2012

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

Tank Owner Name (please print):
Melvin Kipp.

Tank Owner Signature (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.)
Melvin Kipp **Date** 12-10-12

ERS-7437 (R 03/12)

Note: Refer to comments on reverse side of form.

BADGER DISPOSAL

5611 West Hemlock
Milwaukee WI 53223

Customer Name: Hellers Junk Removal 12/21/2012

Contact Name John Heller

3948 Wisconsin 19 Deforest WI 53532 608-242-8210

Job Description: Water/Fuel disposal at **KIPPS AUTO SERVICE**

Location of Work: 5507 W. Hampton Milwaukee WI 53218

Job# **SK 12-12**

PO# **Per Steve Biersack - Safety Kleen 262-613-0432**

DESCRIPTION **(21 spaces)**	U/M	QUANTITY	UNIT PRICE	TOTAL
Mobilization	HR	6	$ 125.00	$ 750.00
Disposal	GAL	1,700	$ 0.90	$ 1,530.00
				$ -
				$ -
				$ -
				$ -
				$ -

[X] Close job in 30 days

[ ] Partial bill

[ ] Don't mail without attachments

TOTAL THIS INVOICE $ 2,280.00

Mike Fugate - 262-424-9506
Project Coordinator

Pace Analytical™

www.pacelabs.com

INVOICE

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

Invoice Number: 124067048
Date: 12/24/2012
Total Amount Due: $307.00

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		Dan Milewsky	Net 30 Days**	1

Client Project: KIPP'S AUTO
Client Name: SEYMOUR ENVIRONMENTAL SERVICES, INC.
Pace Project No: 4071954
Sample Received: 12/14/2012
Report Sent To: Robyn Seymour, Seymour Environmental Services, INC.
Comments:

ANALYTICAL CHARGES

Quantity	Unit	Description	Method	Matrix	Price	Total
8	Ea	Dry Weight	ASTM D2974-87	Solid	$0.00	$0.00
8	Ea	GRO/PVOC + Naphthalene	WI MOD GRO	Solid	$32.00	$256.00
2	Ea	WIDRO GCS	WI MOD DRO	Solid	$25.50	$51.00
					Analytical Subtotal	$307.00

Total Number of Charges 18 **Total Invoice Amount** **$307.00**

If you have any questions or to pay by credit card, please contact Dan Milewsky at Pace.
Phone: (920)469-2436 Email: dan.milewsky@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 $307.00

Amount Paid: $ _____

Check No: _____

Customer No: 40-000700 Invoice No: 124067048

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INVOICE

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

Invoice Number: 124064545
Date: 10/30/2012
Total Amount Due: $102.30

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		Dan Milewsky	Net 30 Days**	1

Client Project: 100230 KIPPS AUTO SERVICE
Client Name: SEYMOUR ENVIRONMENTAL SERVICES, INC.
Pace Project No: 4069020
Sample Received: 10/17/2012
Report Sent To: Robyn Seymour, Seymour Environmental Services, INC.
Comments:

ANALYTICAL CHARGES

Quantity	Unit	Description	Method	Matrix	Price	Total
1	Ea	Oil & Grease HEM		Water	$80.00	$80.00
1	Ea	PVOC	WI MOD GRO	Water	$22.30	$22.30
					Analytical Subtotal	$102.30

Total Number of Charges 2 **Total Invoice Amount** **$102.30**

If you have any questions or to pay by credit card, please contact Dan Milewsky at Pace.
Phone: (920)469-2436 Email: dan.milewsky@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 $102.30

Amount Paid: $ _____

Check No: _____

Customer No: 40-000700 Invoice No: 124064545

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

Pace Analytical

Sample Condition Upon Receipt

Client Name: Seymour Env. Project # 40690020

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☒ Commercial ☐ Pace Other Durham

Tracking #: 355424

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

Optional
Proj. Due Date:
Proj. Name:

Thermometer Used SR45 Type of Ice: Wet (Blue) Dry None (A) Samples on ice, cooling process has begun.

Cooler Temperature 6.0 Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☒ yes ☐ no

Person examining contents:
Date: 10-17-12
Initials: EW

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:	10/17/12 ☒Yes ☒No ☐N/A	2. No Quote or invoice info. 10/17/12 EW
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.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
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: CLT for DMR **Date:** 10/17/12

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)

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

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CHAIN OF CUSTODY

40609020

(Please Print Clearly)	
Company Name:	Seymour
Branch/Location:	1
Project Contact:	Jon Heller
Phone:	608-242-8210
Project Number:	100230
Project Name:	Kipps Auto Service
Project State:	WI
Sampled By (Print):	Jon Heller
Sampled By (Sign):	Jon J Heller
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:	
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, SL = 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)*	Analyses Requested: HEM	Analyses Requested: PVOC	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					Y/N	Pick Letter	N	N			
							B	B			
001	water from Tanks.	10/10	3:25	W			X	X		1-Log A, 3-40mlVOA	

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:
Jon J Heller	10/11/12		
Dunham	10/11/12 0920	Susan Kilgore Pace	10/11/12 0920

PACE Project No.: 40609020

Receipt Temp = 6 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal: Present / Not Present; Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

October 30, 2012

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

RE: Project: 100230 KIPPS AUTO SERVICE
Pace Project No.: 4069020

Dear Robyn Seymour:
Enclosed are the analytical results for sample(s) received by the laboratory on October 17, 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,

Brian Basten for
Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: 100230 KIPPS AUTO SERVICE
Pace Project No.: 4069020

Minnesota Certification IDs
1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: Pace
Florida/NELAP Certification #: E87605
Georgia Certification #: 959
Hawaii Certification #Pace
Idaho Certification #: MN00064
Illinois Certification #: 200011
Kansas Certification #: E-10167
Louisiana Certification #: 03086
Louisiana Certification #: LA080009
Maine Certification #: 2007029
Maryland Certification #: 322
Michigan DEQ Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT CERT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Dakota Certification #: R-036
North Dakota Certification #: R-036A
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Tennessee Certification #: 02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia/DCLS Certification #: 002521
Virginia/VELAP Certification #: 460163
Washington Certification #: C754
West Virginia Certification #: 382
Wisconsin Certification #: 999407970

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: 100230 KIPPS AUTO SERVICE
Pace Project No.: 4069020

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4069020001	**WATER FROM TANKS**	Water	10/10/12 15:25	10/17/12 09:20

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SAMPLE ANALYTE COUNT

Project: 100230 KIPPS AUTO SERVICE
Pace Project No.: 4069020

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4069020001	**WATER FROM TANKS**	WI MOD GRO	LCM	9	PASI-G
		EPA 1664 OG	AS1	1	PASI-M

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PROJECT NARRATIVE

Project: 100230 KIPPS AUTO SERVICE
Pace Project No.: 4069020

Method: **WI MOD GRO**
Description: WIGRO GCV
Client: SEYMOUR ENVIRONMENTAL SERVICES, INC.
Date: October 30, 2012

General Information:
1 sample was 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.

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.

Additional Comments:

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PROJECT NARRATIVE

Project: 100230 KIPPS AUTO SERVICE
Pace Project No.: 4069020

Method: **EPA 1664 OG**
Description: 1664 HEM, Oil and Grease
Client: SEYMOUR ENVIRONMENTAL SERVICES, INC.
Date: October 30, 2012

General Information:
1 sample was analyzed for EPA 1664 OG. 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.

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:

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

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ANALYTICAL RESULTS

Project: 100230 KIPPS AUTO SERVICE
Pace Project No.: 4069020

Sample: WATER FROM TANKS **Lab ID: 4069020001** Collected: 10/10/12 15:25 Received: 10/17/12 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**16300**	ug/L	250	97.2	250		10/18/12 18:44	71-43-2	
Ethylbenzene	**2330**	ug/L	250	104	250		10/18/12 18:44	100-41-4	
Methyl-tert-butyl ether	**113000**	ug/L	250	95.2	250		10/18/12 18:44	1634-04-4	
Toluene	**31100**	ug/L	250	104	250		10/18/12 18:44	108-88-3	
1,2,4-Trimethylbenzene	**3280**	ug/L	250	108	250		10/18/12 18:44	95-63-6	
1,3,5-Trimethylbenzene	**930**	ug/L	250	98.8	250		10/18/12 18:44	108-67-8	
m&p-Xylene	**11800**	ug/L	500	218	250		10/18/12 18:44	179601-23-1	
o-Xylene	**5790**	ug/L	250	95.2	250		10/18/12 18:44	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	80-120		250		10/18/12 18:44	98-08-8	
1664 HEM, Oil and Grease	Analytical Method: EPA 1664 OG								
Oil and Grease	**5.1**	mg/L	4.7	0.94	1		10/25/12 12:40		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 100230 KIPPS AUTO SERVICE
Pace Project No.: 4069020

QC Batch: GCV/9179 — Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO — Analysis Description: WIGRO GCV Water
Associated Lab Samples: 4069020001

METHOD BLANK: 695673 — Matrix: Water
Associated Lab Samples: 4069020001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.43	1.0	10/18/12 10:59	
1,3,5-Trimethylbenzene	ug/L	<0.40	1.0	10/18/12 10:59	
Benzene	ug/L	<0.39	1.0	10/18/12 10:59	
Ethylbenzene	ug/L	<0.41	1.0	10/18/12 10:59	
m&p-Xylene	ug/L	<0.87	2.0	10/18/12 10:59	
Methyl-tert-butyl ether	ug/L	<0.38	1.0	10/18/12 10:59	
o-Xylene	ug/L	<0.38	1.0	10/18/12 10:59	
Toluene	ug/L	<0.42	1.0	10/18/12 10:59	
a,a,a-Trifluorotoluene (S)	%.	104	80-120	10/18/12 10:59	

LABORATORY CONTROL SAMPLE & LCSD: 695674 695675

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	18.7	18.9	93	94	80-120	1	20	
1,3,5-Trimethylbenzene	ug/L	20	19.6	19.7	98	99	80-120	1	20	
Benzene	ug/L	20	21.1	21.1	105	106	80-120	0	20	
Ethylbenzene	ug/L	20	20.3	20.3	102	102	80-120	0	20	
m&p-Xylene	ug/L	40	40.7	40.6	102	102	80-120	0	20	
Methyl-tert-butyl ether	ug/L	20	18.8	18.7	94	94	80-120	1	20	
o-Xylene	ug/L	20	20.3	20.4	101	102	80-120	0	20	
Toluene	ug/L	20	20.7	20.7	103	103	80-120	0	20	
a,a,a-Trifluorotoluene (S)	%.				103	103	80-120			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 696061 696062

Parameter	Units	4068953009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trimethylbenzene	ug/L	975	200	200	1370	1370	198	195	10-200	0	20	
1,3,5-Trimethylbenzene	ug/L	226	200	200	520	515	147	145	56-169	1	20	
Benzene	ug/L	412	200	200	647	654	118	121	33-173	1	20	
Ethylbenzene	ug/L	313	200	200	553	557	120	122	49-158	1	20	
m&p-Xylene	ug/L	832	400	400	1370	1370	134	135	44-163	0	20	
Methyl-tert-butyl ether	ug/L	<3.8	200	200	194	199	97	99	80-130	3	20	
o-Xylene	ug/L	119	200	200	352	354	116	117	64-140	0	20	
Toluene	ug/L	27.1	200	200	257	256	115	114	79-132	0	20	
a,a,a-Trifluorotoluene (S)	%.						105	105	80-120			

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QUALITY CONTROL DATA

Project: 100230 KIPPS AUTO SERVICE
Pace Project No.: 4069020

QC Batch: WET/28237
QC Batch Method: EPA 1664 OG
Analysis Method: EPA 1664 OG
Analysis Description: 1664 HEM, Oil and Grease
Associated Lab Samples: 4069020001

METHOD BLANK: 1317950 Matrix: Water
Associated Lab Samples: 4069020001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	1.3J	5.1	10/25/12 12:40	

LABORATORY CONTROL SAMPLE: 1317951

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40.8	42.7	104	78-114	

MATRIX SPIKE SAMPLE: 1317952

Parameter	Units	10209655001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	ND	45.5	44.3	92	78-114	

SAMPLE DUPLICATE: 1317953

Parameter	Units	10209270001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	ND	2.0J		18	

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QUALIFIERS

Project: 100230 KIPPS AUTO SERVICE
Pace Project No.: 4069020

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.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay
PASI-M	Pace Analytical Services - Minneapolis

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 100230 KIPPS AUTO SERVICE
Pace Project No.: 4069020

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4069020001	**WATER FROM TANKS**	WI MOD GRO	GCV/9179		
4069020001	**WATER FROM TANKS**	EPA 1664 OG	WET/28237		

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

Sample Condition Upon Receipt

Pace Analytical

Client Name: Seymour   Project # 4071954

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☒ Commercial ☐ Pace Other Durham

Tracking #: 407161

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 N/A   Type of Ice: (Wet) Blue Dry None ☒ Samples on ice, cooling process has begun.

Cooler Temperature ROI   Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☒ no

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

Optional:
Proj. Due Date:
Proj. Name:

Person examining contents:
Date: 12-14-12
Initials: Skw

				Comments:
Chain of Custody Present:	☒Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☐Yes	☒No	☐N/A	2. Incomplete 12/14/12 Skw
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.
-Pace Containers Used:	☒Yes	☐No	☐N/A	
Containers Intact:	☒Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☒N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: S	~~Yes~~	☒No (circled)	☐N/A	12. 003 matched by date + time, process of elimination, sample label ID does not match COC EMH 12/14/12
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: No analysis listed on COC. PM notified. Filled in per client. 12/14/12 Skw

Project Manager Review: MAT for DM   Date: 12.14.12

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)