Scott Walker, Governor Cathy Stepp, Secretary Telephone 608-266-2621 Toll Free 1-888-936-7463 TTY Access via relay - 711



Rationale for No Action Required

Date: October 28, 2014

Date stamped: August 25, 2014 - Additional required documentation received October 27, 2014

Name and description of site: Rakhra Wisconsin EZ Go Station #3; closed LUST site known as Speedway Station #2040; two tanks were removed from the closed gas station after a State Order was issued for the out of compliance tank systems; a lien was placed on the property deed for the cost of the subsequent tank removals.

Who is submitting and for whom? REI Engineering, Inc. completed the tank removal under the Tank Removal program, jointly administered by DNR and DATCP for the owner, Rakhra Wisconsin EZ Go Stations Three, Inc., 9653 N. Granville Rd, Mequon, WI 53097, Darshan Dhaliwal, registered agent.

What has been submitted? A Tank System Site Assessment (TSSA) Form was submitted that includes soil sample data from under the USTs and dispenser locations. Tank removal photos were also submitted.

Description of contamination: The two underground storage tank (UST) systems, one 6,000-gallon and one 12,000-gallon fiberglass gasoline USTs, were installed in December 1998 and removed from the property in August 2014. Soil samples were collected from the tank basin bottom and sidewalls and from beneath the dispensers after removal. Laboratory results indicated that limited contamination remains, primarily in soil sample S-9, collected beneath the western-most pump dispenser. Documents indicate that the USTs were not used after 2004. This indicates that the new tank systems were only used for seven of the 16 years they were in place.

It appears that residual contamination documented during tank system removal is no greater than what was documented for the LUST case that was closed by the Wisconsin Department of Commerce on December 13, 2006 (BRRTS# 03-30-003096, PECFA# 53144-2665-05). A groundwater investigation is not warranted, as the station had already stopped operating by the time the LUST case was closed in 2006. According to the Complaint that was filed in Kenosha County on behalf of the State of Wisconsin on March 9, 2013, the two USTs were in "temporarily-out-of-service status" since 2004. The groundwater contaminant plume was monitored from July 13, 1993 until May 26, 2006, so groundwater was being monitored after the gas station stopped operating. A release from the new tank system would have likely been observed during monitoring of the original release.

What is being requested? No request for review was included with the TSSA submittal.

Conclusions: No new release has been documented to have occurred at this closed LUST site. The TSSA documents will be filed in the closed LUST case file, and added to the GIS Registry packet for the closed site.

BRRTS # 09-30-562735

Signed: Lh	Date:	10/28/14	
Linda M. Michalets		1 1 1	

cc: FID # 230044320 - TSSA documents added to closed LUST file; uploaded to the GIS Registry packet Kenosha County NAR file – Form only



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.] TOR PORTIONS DO NOT APPLY,			ERVICE A MENT RE ECK ONE: DERGROI DVEGROI S OF THE F , CHECK TH	ND C POR JND JND ORM 1 IE 'N/A	LOS F THAT BOX	URE	RE Wis Pro Bui Tar P.C Ma	TURN COMPLETEI sconsin Departmen fessional Services reau of Petroleum I 1ks 0. Box 7837 dison, WI 53707-78	<u>O CHECKLIST</u> t of Safety an Products and 37	<u>1 TO:</u> Id		
Part A –	To be co	ompleted by	y contracto	r performi	ng repair	or clo	osure					
A. TYPE (Indica	OF SERVIC ite portion c Remote fill	E E CLOSI of system being Tank	URE CRE g serviced if a g CRE Piping	PAIR/UPGRA repair, upgrad	ADE CH le or change nsition/conta	ANGE- in-ser ainmen	-IN-SE <u>vice</u> is t sump	RVIC being	E perfor	med ill bucket 🛛 Disp	enser	
B. IDENT	FICATION	(Please Prin	t)		-				*			
1. Facility Rakhra Wise	Name	o Station			2. Owne Rakhra Wi	r Name sconsin	e EZ Go	Stati	ons Thr	ee Inc		
Facility Str 3705 52nd S	eet Address	s (not P.O. Bo	×)		3. Contac	ct Nam	e				Job Ti	tle
Municipalit Kenosha	y Maili				ng A 9653 N Gi	ddress ranville	Rd.		5.15			
🔳 City [Village	Town of:			Post Offic Mequon	ce		46-1576		WI	e Z ip Co 53097	de
Zip Code 53143		County Kenosha			County Ozaukee		3.3			Telephone No. (incl ()	ude area code)	
4. Primary	Service Co	intractor Section	on A above		Service C	Contrac	tor Str	eet A	ddress			
Service C () 715-5	ontractor Te	elephone No. ((include area c	ode)	Service C Merrill WI	Contrac 54452	tor City	y, Sta	ite, Zip	Code	345 2	
C. TANK	SYSTEM D	ETAIL (Com	plete for all se	ervice activiti	es)	anno ann						
a	b	c	d	e	f		g	1			1	
Tank ID #	Type of Closure ¹	Tank Material of	Piping Material of	Tank Capacity (gallons)	Contents ²	Re Integ (e.g. I	elease - grity Cor noles, c	Systempron racks,	em nised loose	If "Yes" to "g", Then Sp of Rel Source of Palagse ³	ease ⁵	ause
			Flexible			<u>د</u>	v i	on, etc)?] N	Source of Release		
437020	:P	Fiberglass	Flexible	12000			v :	X] N			
437020	F	ribergiass	Flexible	12000			Y	$-\frac{\mu}{\Gamma}$				
			1	1	+		Y I					
						H	Y		1 N			
	1	1		1	+		Y :				1	
A Indiante	i	[<u>i</u>		0] 14			
2. Indicate 2. Indicate PX = Premi	type of closu type of produ x, WO = Wa	re: P = Perman uct: DL = Diese ste/Used Motor	I, LG = Leaded (Oil, FCHZW = F	asoline, UG = asoline, UG = lammable/Con	-Service, CIP = Unleaded G nbustible Haz	asoline, ardous \	FO = F Waste,	Fuel C OC =	0il, GH = Other C	= Gasohol, AF = Aviation Chemical (indicate the che	Fuel, K = Kerose mical name(s):	ine,
3. Source of	of release: T	= tank, P = pip	ing, D = dispens	er, STP = sub	mersible turbl	ne pum	p, DP =	deliv	ery prob	lem, O = other, UNK =	Unknown	
4. Cause o	frelease: S	= spill, O = ove	rfill, POMD ≈ ph	ysical or mecha	anical damage	e, C = c	orroslo	n, IP	= install	ation problem, O = other,	UNK = Unknov	vn
5. Has rel	ease been	reported to the	Department o	of Natural Res	ources?	_ Yes	3 X	No		Release not evident	at this time	
D. CLOSI Written All loca	JRES (Che notification I permits we Form ERS TANK INV SE-IN-SER	eck applicable was provided bre obtained b 5-7437 or ENTORY FOR VICE CHECKI	e box at right to the local ag efore beginnin AST Form ERS RM ERS-7437 IST	in response ent 5 days in g closure, -8731 filed by or ERS-8731	to all staten advance of X Y y owner with SIGNED BY	nents I closure DN DSPS THE (in sect date, D NA indica OWNE	ting c R MU) Iosuire. JST BE	Ү □ N ⊠Ү ŞUBMITTED WITH E		A E or
D.1 [] 1. P	TEMPORA roduct rem	RILY OUT-OI	-SERVICE			- Anna an Anna	in an			<u>Remover</u> Verified	Inspector Verified	<u>IA</u>
a	. Product lin	ies drained int	o tank (or othe	r container) a	nd liquid ren	noved,	and					
b	All product	t removed to b	ottom of suctio	on line, OR		2020			H.N.			1
 2, F	ill pipe, gau	ge pipe, tank	truck vapor rec	overy fittings	and vapor	eturn li	ines ca	pped				╡-
3. A	Il product li	nes at the isla	nds or pumps l	ocated elsewl	here are ren	noved a	and cap	oped,	OR			<u> </u>
ERS-8951 (R. 06/12)		Part A	Distribution:	White – D	SPS	Blue -	Inspe	ctor P	ink - Contractor Yellov	v - Owner	

4. Dispensers/pumps left in place but locked and power disconnected.		
5. Vent lines left open.		
6. Inventory form filed indicating temporarily out-of-service (TOS) closure.		
D.2. SCLOSURE BY REMOVAL OR IN-PLACE		
1. General Requirements		
a, Product from piping orained into tank (or other container).		
D. Piping disconnected from tank and removed.		
c. All injurio and residue removed from tank using explosion-proof pumps of hand pumps,		
o. Fill plane dauge pines, vanor receivery connections, submersible pumps and other fixtures		
e, i il pipes, gauge pipes, vapor recovery connections, submersible pumps and other inxules removed.		
f. Vent lines left connected until tanks purged.	RYCINIC	
g. Tank openings temporarily plugged so vapors exit through vent.	XYON	
h. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E.		
2. Specific Closure-by-Removal Requirements		
a. Tank removed from excavation after PURGING/INERTING; placed on level ground and	MAY DN L	
blocked to prevent movement,		
b. Tank cleaned belove being removed non site.		
C. Tank labeled in 2 migh letters after removal but defore deing moved from site.		
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.		IY 🗆 N 🛛 🕅
e. Site security is provided while the excavation is open.	XYIN	
3. Specific Closure-In-Place Requirements	ě.	
NOTE: CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEI	PARTMENT OF SAF	ETY AND
a. Tank properly cleaned to remove all sludge and residue.		
b. Solid inert material (sand, cyclone boiler slag, or pea gravel recommended) introduced and		
tank filled.		
c. Vent line disconnected or removed.		
d. Inventory form filed by owner with the DSPS indicating closure in-place.		
E. 🛄 REPAIR, UPGRADE OR CHANGE-IN-SERVICE		
Written notification was provided to the local agent 5 days in advance of service date.	ЦY	
All local permits were obtained before beginning service.	ЦŶ	
FORTHOD OF VAPOR EREFING OF TANK	Y	
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	f 12 feet above gro	und.
Diffused air blower bonded and drop tube removed. Air pressure not exceeding 5 psig.	5. <i>Balan Marin Kanada Ka</i> rta	
Inert gas using dry ice or liquid carbon dioxide.		
Inert gas using CO ₂ or N ₂ NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSP	HERE. LEL METE	ERS MAY NOT
Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank	CIAL EQUIPMENT	•
Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing of	device arounded.	
Readings of 10% or less of the lower flammable range (LEL) or 0% oxygen obtained before removing	tank from ground.	
X Tank atmosphere monitored for flammable or combustible vapor levels prior to and during cleaning a	nd cutting.	
X Calibrate combustible gas indicator and/or oxygen meter prior to use. Drop tube removed prior to chi	ecking atmosphere	. Tank space
monitored at bottom, middle and upper portion of tank.		
G. REMOVER/CLEANER INFORMATION	N CATHO	
JAY A. SCHLUETER CANA LITTOS 42	227	8-8-14
Permayor/Cleaner Name (print)		<u>v · · · /</u>
Lattest that the procedures and information which I have provided as the tank closure contractor are correct and comply	ation No.	Date Signed
Company expected to perform soil contamination accomment	With Conjin To,	
	- Material Contract	
H. INSPECTOR INFORMATION		
Inspector Name (print) Inspector Signature Ins	spector Cert #	LPO Agency #:
у	(a)	x
EDID # Fast as Not as Line (1) D	<u> </u>	
FUID # For Location Where Inspection Performed Inspector Telephone Number	Date	Signed
	·	
ERS-8951 (R.06/12) Part A Distribution: White ~ DSPS Blue ~ Inspector Pink ~	Contractor Yellow	- Owner

×

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N

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: Rakhra Wisconsin EZ Go Station #3

Address: 3705 52nd Street, Kenosha, WI

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

To determine if a TSSA is required, see Comm 10 and section II part B of ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.

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

1. Site Information

a. Has there been a previously	documented release at this site	9? 🛛 Y 🗌 N		
If ves, provide the DSPS #	53144-2665-05	, or DNR BRRT's #	03-30-003096	
a see brown a second and -	N. N. 194	T IN ADDRESS OF A DESCRIPTION OF A DESCR	2	10/20-12-20-00

b. Number of active tanks¹ at facility prior to completion of current services USTs _____ 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	40	40	13
2	60	4	4

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:	XYN N c. Water In excavat	ion/trench: XY	
d. Free product in the excavation	on/trench: YXN	e. Sheen or free product on water:	🗆 Y 🖾 N	

3. Geology/Hydrogeology

a. Depth to groundwater 7 feet b. Indicate type of geology Native Clay, sand backfill

(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? TX N If yes, specify ____

b. Surface water(s) within 1000 feet of the facility?

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

Water in UST basin appears to be perched. Evident contamination below dispensers, appears to be residual from previous release.

TABLE 1	SOIL FIELD SCREENING &	GRO/DI	RO LABO	ORATO	RY ANA	LYTICAL RES	ULTS-FOR PE	TROLEUM P	RODUCTS
Sample ID	Sample Location & Soil/Geologic	Sa	mple Colle	ction Met	hod	Depth Below	Field Screening	GRO	DRO
#	Description	Grab	Shelby Tube	Direct Push	Split Spoon	(feet)	Result (ppm)	(mg/kg)	(mg/kg)
S-1	NW sidewall UST Excavation (6K N end)	X				1	8.1		
S-2	W sidewall UST excavation (mid 6K UST)	X				1	2.9		
S-3	SW sidewall UST excavation (6K S end)	X				1	4.4		
S-4	SE sidewall UST excavation (12k S end)	X				1	2.4		
S-5	E sidewall UST excavation (12K mid)	X				1	1.9		
S-6	NE sidewall UST excavation (12k N end)	X				1	9.4		
S-7	East discpenser	X				1	1.8		
S-8	Center Dispenser	X				1	345		
S-9	West Dispenser	X				1	22.5		
A		Π	Π	n					

TABLE 2 SOIL LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	BENZENE	TOLUENE	ETHYLBENZENE	MTBE	TRIMETHYL - BENZENES (TOTAL)	XYLENES (TOTAL)	NAPHTHALENE
POINE AND	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
S-1	<25.0	<25.0	<25.0	<25.0	<50	<75	<25.0
S-2	<25.0	<25.0	<25.0	<25.0	<50	<75	<25.0
S-3	<25.0	<25.0	<25.0	<25.0	<50	<75	<25.0
S-4	<25.0	<25.0	<25.0	<25.0	544.7	<75	85.8
S-5	<25.0	<25.0	<25.0	<25.0	<50	<75	<25.0
S-6	<25.0	<25.0	<25.0	<25.0	<50	<75	62.0j
S-7	<25.0	<25.0	<25.0	<25.0	<50	<75	<25.0
S-8	<25.0	56.1j	64.2j	58.2j	262	326	49.5j
S-9	<100	216j	369	<100	10,010	2,198	811
j - Esti	mated Concentrati	on between Method	Detection Limit and Limit	of Quantification			

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. Based on GIS registry and concentrations during removal, contamination appears related to previous release

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.

Andrew R. Delforge	Jean	243858		
Tank-System Site Assessor Name (print)	Tank-System Site Assessor Signature	Certification Number #		
(715) 675-9784	8/2/11	REI Engineering, Inc.		
Tank-System Site Assessor Telephone Number	Date Signed	Company Name		











DRAMING-5/CAC/Mequen/PROJECTS/BH/2353/05_0617.0mg TAB+Figure 2 USCH-CHATON Oct 4, 2006 8:55 AM





August 13, 2014

Andy Delforge REI 4080 North 20th Avenue Wausau, WI 54401

RE: Project: 6753 EZ 60 Pace Project No.: 40101221

Dear Andy Delforge:

Enclosed are the analytical results for sample(s) received by the laboratory on August 08, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

milio Quin

Brian Basten brian.basten@pacelabs.com Project Manager

Enclosures





CERTIFICATIONS

Project: 6753 EZ 60 40101221 Pace Project No .:

Green Bay Certification IDs 1241 Bellevue Street, Green Bay, WI 54302 Florida/NELAP Certification #: E87948 Illinois Certification #: 200050 Kentucky Certification #: 82 Louisiana Certification #: 04168 Minnesota Certification #: 055-999-334

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

REPORT OF LABORATORY ANALYSIS



SAMPLE SUMMARY

 Project:
 6753 EZ 60

 Pace Project No.:
 40101221

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40101221001	S-1	Solid	08/07/14 15:36	08/08/14 12:35
40101221002	S-2	Solid	08/07/14 15:38	08/08/14 12:35
40101221003	S-3	Solid	08/07/14 15:43	08/08/14 12:35
40101221004	S-4	Solid	08/07/14 15:46	08/08/14 12:35
40101221005	S-5	Solid	08/07/14 15:50	08/08/14 12:35
40101221006	S-6	Solid	08/07/14 15:55	08/08/14 12:35
40101221007	S-7	Solid	08/08/14 09:40	08/08/14 12:35
40101221008	S-8	Solid	08/08/14 09:30	08/08/14 12:35
40101221009	S-9	Solid	08/08/14 09:32	08/08/14 12:35

REPORT OF LABORATORY ANALYSIS



SAMPLE ANALYTE COUNT

ě.

Project:	6753 EZ 60
Pace Project No .:	40101221

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40101221001	S-1	WI MOD GRO	PMS	10	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40101221002	S-2	WI MOD GRO	PMS	10	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40101221003	S-3	WI MOD GRO	PMS	10	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40101221004	S-4	WI MOD GRO	PMS	10	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40101221005	S-5	WI MOD GRO	PMS	10	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40101221006	S-6	WI MOD GRO	PMS	10	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40101221007	S-7	WI MOD GRO	PMS	10	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40101221008	S-8	WI MOD GRO	PMS	10	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40101221009	S-9	WI MOD GRO	PMS	10	PASI-G
		ASTM D2974-87	AH	1	PASI-G

REPORT OF LABORATORY ANALYSIS



Project: 6753 EZ 60 40101221

Pace Project No .:

Sample: S-1	Lab ID:	40101221001	Collecter	d: 08/07/14	15:36	Received: 08/	08/14 12:35 Ma	atrix: Solid	
Results reported on a "dry-wei	ight" basis								
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical	Method: WI MC	DD GRO P	reparation N	Aethod	TPH GRO/PVO	C WI ext.		
Benzene	<25.0 u	ıg/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 13:56	71-43-2	W
Ethylbenzene	<25.0 u	ig/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 13:56	100-41-4	W
Methyl-tert-butyl ether	<25.0 u	ig/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 13:56	1634-04-4	W
Naphthalene	<25.0 u	ig/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 13:56	91-20-3	W
Toluene	<25.0 u	ig/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 13:56	108-88-3	W
1,2,4-Trimethylbenzene	<25.0 u	ig/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 13:56	95-63-6	W
1,3,5-Trimethylbenzene	<25.0 u	ig/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 13:56	108-67-8	W
m&p-Xylene	<50.0 u	ig/kg	120	50.0	1	08/11/14 07:45	08/11/14 13:56	179601-23-1	W
o-Xylene	<25.0 u	ig/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 13:56	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	101 %	0	80-120		1	08/11/14 07:45	08/11/14 13:56	98-08-8	
Percent Moisture	Analytical	Method: ASTM	D2974-87						
Percent Moisture	16.0 %	6	0.10	0.10	1		08/12/14 15:11		

REPORT OF LABORATORY ANALYSIS

ace Analytical www.pacelabs.com

ANALYTICAL RESULTS

 Project:
 6753 EZ 60

 Pace Project No.:
 40101221

Sample: S-2	Lab ID	: 4010122100	2 Collected	d: 08/07/14	4 15:38	8 Received: 08/	08/14 12:35 Ma	atrix: Solid	
Results reported on a "dry-we	aight" basis								
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytica	al Method: WI N	IOD GRO P	reparation I	Method	: TPH GRO/PVO	C WI ext.		
Benzene	<25.0	ua/ka	60.0	25.0	1	08/11/14 07:45	08/11/14 14:24	71-43-2	W
Ethylbenzene	<25.0	ua/ka	60.0	25.0	1	08/11/14 07:45	08/11/14 14:24	100-41-4	W
Methyl-tert-butyl ether	<25.0	ua/ka	60.0	25.0	1	08/11/14 07:45	08/11/14 14:24	1634-04-4	W
Naphthalene	<25.0	ua/ka	60.0	25.0	1	08/11/14 07:45	08/11/14 14:24	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 14:24	108-88-3	W
1 2 4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 14:24	95-63-6	W
1.3.5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 14:24	108-67-8	W
m&n-Xvlene	<50.0	ug/kg	120	50.0	1	08/11/14 07:45	08/11/14 14:24	179601-23-1	W
o-Xvlene	<25.0	ug/kg	60.0	. 25.0	1	08/11/14 07:45	08/11/14 14:24	95-47-6	W
Surrogates a,a,a-Trifluorotoluene (S)	104	%	80-120		1	08/11/14 07:45	08/11/14 14:24	98-08-8	
Percent Moisture	Analytica	al Method: AST	M D2974-87						
Percent Moisture	19.6	%	0.10	0.10	1		08/12/14 14:10		
e -									



Project: 6753 EZ 60

Pace Project No.: 40101221

Collected: 08/07/14 15:43 Received: 08/08/14 12:35 Matrix: Solid Sample: S-3 Lab ID: 40101221003 Results reported on a "dry-weight" basis LOQ LOD DF Prepared Analyzed CAS No. Qual Results Units Parameters WIGRO GCV Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext. W <25.0 ug/kg 60.0 25.0 1 08/11/14 07:45 08/11/14 14:53 71-43-2 Benzene W 25.0 08/11/14 07:45 08/11/14 14:53 100-41-4 Ethylbenzene <25.0 ug/kg 60.0 1 08/11/14 14:53 1634-04-4 W 25.0 08/11/14 07:45 Methyl-tert-butyl ether <25.0 ug/kg 60.0 1 W 25.0 08/11/14 07:45 08/11/14 14:53 91-20-3 60.0 1 <25.0 ug/kg Naphthalene 60.0 25.0 1 08/11/14 07:45 08/11/14 14:53 108-88-3 W <25.0 ug/kg Toluene 25.0 08/11/14 07:45 08/11/14 14:53 95-63-6 W 1,2,4-Trimethylbenzene <25.0 ug/kg 60.0 1 60.0 25.0 1 08/11/14 07:45 08/11/14 14:53 108-67-8 W 1,3,5-Trimethylbenzene <25.0 ug/kg 08/11/14 14:53 179601-23-1 W m&p-Xylene <50.0 ug/kg 120 50.0 1 08/11/14 07:45 25.0 08/11/14 07:45 08/11/14 14:53 95-47-6 W o-Xylene <25.0 ug/kg 60.0 1 Surrogates a,a,a-Trifluorotoluene (S) 102 % 80-120 1 08/11/14 07:45 08/11/14 14:53 98-08-8 Analytical Method: ASTM D2974-87 Percent Moisture 15.9 % 0.10 0.10 1 08/12/14 14:10 Percent Moisture

REPORT OF LABORATORY ANALYSIS

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Project: 6753 EZ 60

Pace Project No.: 40101221

 Sample: S-4
 Lab ID: 40101221004
 Collected: 08/07/14 15:46
 Received: 08/08/14 12:35
 Matrix: Solid

 Results reported on a "dry-weight" basis
 Collected: 08/07/14 15:46
 Received: 08/08/14 12:35
 Matrix: Solid

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical	Method: WI	MOD GRO P	reparation N	/lethod	: TPH GRO/PVOC	C WI ext.		
Benzene	< 25.0 u	ig/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 15:22	71-43-2	W
Ethylbenzene	<25.0 u	ig/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 15:22	100-41-4	W
Methyl-tert-butyl ether	<25.0 u	ig/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 15:22	1634-04-4	W
Naphthalene	85.8 u	ig/kg	73.7	30.7	1	08/11/14 07:45	08/11/14 15:22	91-20-3	
Toluene	<25.0 u	ig/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 15:22	108-88-3	W
1,2,4-Trimethylbenzene	447 u	ig/kg	73.7	30.7	1	08/11/14 07:45	08/11/14 15:22	95-63-6	
1,3,5-Trimethylbenzene	97.7 u	g/kg	73.7	30.7	1	08/11/14 07:45	08/11/14 15:22	108-67-8	
m&p-Xylene	<50.0 u	g/kg	120	50.0	1	08/11/14 07:45	08/11/14 15:22	179601-23-1	W
o-Xylene	<25.0 u	g/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 15:22	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	104 %	6	80-120		1	08/11/14 07:45	08/11/14 15:22	98-08-8	
Percent Moisture	Analytical	Method: AST	M D2974-87						
Percent Moisture	18.6 %	6	0.10	0.10	1		08/12/14 14:10		



Project: 6753 EZ 60

Pace Project No.: 40101221

Sample: S-5	Lab ID:	40101221005	Collected	: 08/07/14	4 15:50	Received: 08/	08/14 12:35 Ma	atrix: Solid	
Results reported on a "dry-wei	ight" basis								
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytica	I Method: WI M	DD GRO Pro	eparation I	Method:	TPH GRO/PVO	C WI ext.		
Benzene	<25.0 0	ug/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 15:50	71-43-2	W
Ethylbenzene	<25.0 0	ug/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 15:50	100-41-4	W
Methyl-tert-butyl ether	<25.0 u	ug/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 15:50	1634-04-4	W
Naphthalene	<25.0 0	ug/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 15:50	91-20-3	W
Toluene	<25.0 0	ug/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 15:50	108-88-3	W
1,2,4-Trimethylbenzene	<25.0 0	ug/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 15:50	95-63-6	W
1,3,5-Trimethylbenzene	<25.0 0	ug/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 15:50	108-67-8	W
m&p-Xylene	<50.0 u	ug/kg	120	50.0	1	08/11/14 07:45	08/11/14 15:50	179601-23-1	W
o-Xylene	<25.0 0	ug/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 15:50	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	102 9	%	80-120		1	08/11/14 07:45	08/11/14 15:50	98-08-8	
Percent Moisture	Analytica	I Method: ASTM	D2974-87						
Percent Moisture	3.5	%	0.10	0.10	1		08/12/14 14:11		

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Project: 6753 EZ 60 Pace Project No.: 40101221

 Sample: S-6
 Lab ID: 40101221006
 Collected: 08/07/14 15:55
 Received: 08/08/14 12:35
 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 F	Preparation N	Method	: TPH GRO/PVO	C WI ext.		
Benzene	<25.0 u	ig/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 16:19	71-43-2	W
Ethylbenzene	<25.0 u	ig/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 16:19	100-41-4	W
Methyl-tert-butyl ether	<25.0 u	ig/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 16:19	1634-04-4	W
Naphthalene	62.0J u	g/kg	72.7	30.3	1	08/11/14 07:45	08/11/14 16:19	91-20-3	
Toluene	<25.0 u	g/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 16:19	108-88-3	W
1,2,4-Trimethylbenzene	<25.0 u	g/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 16:19	95-63-6	W
1,3,5-Trimethylbenzene	<25.0 u	g/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 16:19	108-67-8	W
m&p-Xylene	<50.0 u	g/kg	120	50.0	1	08/11/14 07:45	08/11/14 16:19	179601-23-1	W
o-Xylene	<25.0 u	g/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 16:19	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103 %	6	80-120		1	08/11/14 07:45	08/11/14 16:19	98-08-8	
Percent Moisture	Analytical	Method: AST	FM D2974-87						
Percent Moisture	17.5 %	6	0.10	0.10	1		08/12/14 15:11		



Project: 6753 EZ 60 40101221

Pace Project No .:

Sample: S-7	Lab ID:	40101221007	Collecte	d: 08/08/14	4 09:40	Received: 08/	08/14 12:35 Ma	atrix: Solid	
Results reported on a "dry-we	ight" basis								
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical	Method: WI M	DD GRO P	reparation N	Method:	TPH GRO/PVO	C WI ext.		
Benzene	<25.0 U	ıg/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 16:48	71-43-2	W
Ethylbenzene	< 25.0 U	ıg/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 16:48	100-41-4	W
Methyl-tert-butyl ether	< 25.0 u	ıg/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 16:48	1634-04-4	W
Naphthalene	<25.0 U	ıg/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 16:48	91-20-3	W
Toluene	< 25.0 u	ıg/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 16:48	108-88-3	W
1,2,4-Trimethylbenzene	< 25.0 u	ıg/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 16:48	95-63-6	W
1,3,5-Trimethylbenzene	<25.0 u	ıg/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 16:48	108-67-8	W
m&p-Xylene	<50.0 u	ıg/kg	120	50.0	1	08/11/14 07:45	08/11/14 16:48	179601-23-1	W
o-Xylene	<25.0 u	ıg/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 16:48	95-47-6	W
Surrogates		(3) 7)							
a,a,a-Trifluorotoluene (S)	102 %	6	80-120		1	08/11/14 07:45	08/11/14 16:48	98-08-8	
Percent Moisture	Analytical	Method: ASTM	D2974-87						
Percent Moisture	23.2 %	6	0.10	0.10	1		08/12/14 15:11		

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Project: 6753 EZ 60 40101221

Pace Project No .:

Sample: S-8 Lab ID: 40101221008 Collected: 08/08/14 09:30 Received: 08/08/14 12:35 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 P	reparation N	/lethod	: TPH GRO/PVO	C WI ext.		
Benzene	<25.0 u	g/kg	60.0	25.0	1	08/11/14 07:45	08/11/14 17:17	71-43-2	W
Ethylbenzene	64.2J u	g/kg	75.2	31.3	1	08/11/14 07:45	08/11/14 17:17	100-41-4	
Methyl-tert-butyl ether	58.2J u	g/kg	75.2	31.3	1	08/11/14 07:45	08/11/14 17:17	1634-04-4	
Naphthalene	49.5 J u	g/kg	75.2	31.3	1	08/11/14 07:45	08/11/14 17:17	91-20-3	
Toluene	56.1J u	g/kg	75.2	31.3	1	08/11/14 07:45	08/11/14 17:17	108-88-3	
1,2,4-Trimethylbenzene	147 u	g/kg	75.2	31.3	1	08/11/14 07:45	08/11/14 17:17	95-63-6	
1,3,5-Trimethylbenzene	115 u	g/kg	75.2	31.3	1	08/11/14 07:45	08/11/14 17:17	108-67-8	
m&p-Xylene	247 u	g/kg	150	62.7	1	08/11/14 07:45	08/11/14 17:17	179601-23-1	
o-Xylene	79.0 u	g/kg	75.2	31.3	1	08/11/14 07:45	08/11/14 17:17	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	118 %	0	80-120		1	08/11/14 07:45	08/11/14 17:17	98-08-8	
Percent Moisture	Analytical	Method: AST	M D2974-87						
Percent Moisture	20.2 %	6	0.10	0.10	1		08/12/14 15:11	4	



6753 EZ 60 Project: 40101221

Pace Project No .:

Sample: S-9 Lab ID: 40101221009 Collected: 08/08/14 09:32 Received: 08/08/14 12:35 Matrix: Solid Results reported on a "dry-weight" basis LOQ LOD DF Analyzed CAS No. Qual Units Prepared Parameters Results WIGRO GCV Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext. 08/11/14 07:45 08/11/14 20:09 71-43-2 <100 ug/kg 240 100 4 W Benzene 08/11/14 07:45 08/11/14 20:09 100-41-4 Ethylbenzene 369 ug/kg 284 118 4 08/11/14 20:09 1634-04-4 W 4 Methyl-tert-butyl ether <100 ug/kg 240 100 08/11/14 07:45 08/11/14 07:45 08/11/14 20:09 91-20-3 284 118 4 811 ug/kg Naphthalene 284 118 4 08/11/14 07:45 08/11/14 20:09 108-88-3 216J ug/kg Toluene 118 4 08/11/14 07:45 08/11/14 20:09 95-63-6 1,2,4-Trimethylbenzene 6720 ug/kg 284 1,3,5-Trimethylbenzene 284 118 4 08/11/14 07:45 08/11/14 20:09 108-67-8 3290 ug/kg 08/11/14 20:09 179601-23-1 m&p-Xylene 858 ug/kg 567 236 4 08/11/14 07:45 08/11/14 20:09 95-47-6 08/11/14 07:45 o-Xylene 1340 ug/kg 284 118 4 Surrogates a,a,a-Trifluorotoluene (S) 127 % 80-120 4 08/11/14 07:45 08/11/14 20:09 98-08-8 D3,S7 Analytical Method: ASTM D2974-87 Percent Moisture 0.10 0.10 1 08/12/14 15:12 Percent Moisture 15.4 %

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QUALITY CONTROL DATA

Project: Pace Project No :	6753 EZ 60 40101221						
OC Batch:	GC\//1294	3	Analysis Meth	nod: W	I MOD GRO		
QC Datch.		, DVOC WL axt	Analysis Des	cription: W	IGRO Solid GCV		
QC batch wethou.	IFH GRUI		Analysis Desi		40400400E 40404	224006 4040422	1007
Associated Lab Sam	ples: 4010 4010	01221001, 40101221002	, 40101221003, 40	J101221004, 40	101221005,40101	221000, 4010122	1007,
METHOD BLANK:	1022824		Matrix:	Solid			2 .
Associated Lab Sam	ples: 4010 4010)1221001, 40101221002)1221008, 40101221009	, 40101221003, 40	0101221004, 40	0101221005, 40101	221006, 4010122	1007,
			Blank	Reporting			
Param	eter	Units	Result	Limit	Analyzed	Qualifiers	
1,2,4-Trimethylbenze	ene	ug/kg	<25.0	50.0	08/11/14 09:08	340	
1,3,5-Trimethylbenze	ene	ug/kg	<25.0	50.0	08/11/14 09:08		
Benzene		ug/kg	<25.0	50.0	08/11/14 09:08		
Ethylbenzene		ug/kg	<25.0	50.0	08/11/14 09:08		
m&p-Xylene		ug/kg	<50.0	100	08/11/14 09:08		
Methyl-tert-butyl ethe	er	ug/kg	<25.0	50.0	08/11/14 09:08		
Naphthalene		ug/kg	<25.0	50.0	08/11/14 09:08		
o-Xvlene		ug/kg	<25.0	50.0	08/11/14 09:08		
Toluene		ug/kg	<25.0	50.0	08/11/14 09:08		
a,a,a-Trifluorotoluene	e (S)	%	101	80-120	08/11/14 09:08		123

LABORATORY CONTROL SAMPL	E & LCSD: 1022825		10	22826						
		Spike	LCS	LCSD	LCS	LCSD	% Rec		Max	
Parameter	Units	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qualifiers
1.2.4-Trimethylbenzene	ug/kg	1000	1090	1080	109	108	80-120	1	20	
1.3.5-Trimethylbenzene	ug/kg	1000	1070	1060	107	106	80-120	1	20	
Benzene	ug/kg	1000	1070	1060	107	106	80-120	1	20	
Ethylbenzene	ug/kg	1000	1050	1040	105	104	80-120	1	20	
m&p-Xylene	ug/kg	2000	2120	2090	106	105	80-120	1	20	
Methyl-tert-butyl ether	ug/kg	1000	1030	1020	103	102	80-120	*	20	
Naphthalene	ug/kg	1000	1060	1060	106	106	80-120	0	20	
o-Xvlene	ug/kg	1000	1060	1050	106	105	80-120	1	20	
Toluene	ug/kg	1000	1050	1030	105	103	80-120	1	20	
a,a,a-Trifluorotoluene (S)	%				101	101	80-120			

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

REPORT OF LABORATORY ANALYSIS



QUALITY CONTROL DATA

Project:	6753 EZ 60								
Pace Project No.:	40101221								
QC Batch:	PMST/10077		Analysis Meth	iod:	ASTM D2974-87	1			
QC Batch Method:	ASTM D2974-87		Analysis Desc	cription:	Dry Weight/Perc	ent Moisture			
Associated Lab Sar	mples: 401012210	002, 401012210	03, 40101221004, 40	0101221005					
SAMPLE DUPLICA	TE: 1023838							5	
			40100747010	Dup		Max			
Parar	meter	Units	Result	Result	RPD	RPD		Qualifiers	
Percent Moisture		%	15.5	16	.5	6	10		

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project:	6753 EZ 60			
Pace Project No.:	40101221			
QC Batch:	PMST/10081	Analysis Method:	ASTM D2974-87	
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture	
Associated Lab Sar	nples: 40101221001, 40101221	006, 40101221007, 401012210	08, 40101221009	
	1000054			

		40101340007	Dup		Max	
Parameter	Units	Result	Result	RPD	RPD	Qualifiers
Percent Moisture	%	23.1	22.4	3	10	

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

REPORT OF LABORATORY ANALYSIS

Date: 08/13/2014 12:04 PM



QUALIFIERS

 Project:
 6753 EZ 60

 Pace Project No.:
 40101221

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

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

LOD - Limit of Detection.

LOQ - Limit of Quantitation.

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

- D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
- S7 Surrogate recovery outside control limits (not confirmed by re-analysis).
- W Non-detect results are reported on a wet weight basis.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

 Project:
 6753 EZ 60

 Pace Project No.:
 40101221

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch	
40101221001	S-1	TPH GRO/PVOC WI ext.	GCV/12943	WI MOD GRO	GCV/12949	
40101221002	S-2	TPH GRO/PVOC WI ext.	GCV/12943	WI MOD GRO	GCV/12949	
40101221003	S-3	TPH GRO/PVOC WI ext.	GCV/12943	WI MOD GRO	GCV/12949	
40101221004	S-4	TPH GRO/PVOC WI ext.	GCV/12943	WI MOD GRO	GCV/12949	
40101221005	S-5	TPH GRO/PVOC WI ext.	GCV/12943	WI MOD GRO	GCV/12949	
40101221006	S-6	TPH GRO/PVOC WI ext.	GCV/12943	WI MOD GRO	GCV/12949	
40101221007	S-7	TPH GRO/PVOC WI ext.	GCV/12943	WI MOD GRO	GCV/12949	
40101221008	S-8	TPH GRO/PVOC WI ext.	GCV/12943	WI MOD GRO	GCV/12949	
40101221009	S-9	TPH GRO/PVOC WI ext.	GCV/12943	WI MOD GRO	GCV/12949	
40101221001	S-1	ASTM D2974-87	PMST/10081			
40101221002	S-2	ASTM D2974-87	PMST/10077			
40101221003	S-3	ASTM D2974-87	PMST/10077			
40101221004	S-4	ASTM D2974-87	PMST/10077			
40101221005	S-5	ASTM D2974-87	PMST/10077			
40101221006	S-6	ASTM D2974-87	PMST/10081			
40101221007	S-7	ASTM D2974-87	PMST/10081			
40101221008	S-8	ASTM D2974-87	PMST/10081			
40101221009	S-9	ASTM D2974-87	PMST/10081			

(Please Print Clearly)								MIDWEST R	EGION		Page 1	of Ĺ			
Company Name: <u><u><u></u><u></u><u><u></u><u></u><u></u><u><u></u><u></u><u><u></u><u></u><u></u><u><u></u><u></u><u></u><u></u><u></u><u></u></u></u></u></u></u></u>			2			0			MN: 6'	12-607-1700	WI: 920-469-2436	1	INING	20	
Branch/Location:	W AV SAU		1 /		Pace	Ana	alytical				VQ/		4	0.002	
Project Contact:	, ny Aclease		1 /			www.p	acelads.com				KV	Quote #:			, age
Phone:	715-675-6	7 24			CHA	AIN	OFC	US'	TO	DY		Mail To Contact:	A.D.		Ĕ.
Project Number:	6753			one F	B=HCL C=	H2SO4	Preservation C	odes Di Water F	=Methar	ol G=Na	аОН	Mail To Company:	REZ		
Project Name:	EZ 60	7	H=Sc	odium Bi	sulfate Solut	ion	I=Sodium Thios	ulfate J:	=Other			Mail To Address:			
Project State:	[درا		FILTE	RED?	YIN	N		T							
Sampled By (Print)	A D Arteme		PRESER	VATION	N Pick	1 2		+	2			Invoice To Contact:	AD		
Sampled By (Sign):		(CO	DE)"	Letter			+				Invoice To Company:	RET			
PO #-	F	Regulatory			ted							Invoice To Address:	1		
Data Baakana Or	tions MC/MCD	Program: Ma	trix Codes		= b							Intolee To Address.			
(billable)	On your sample	= Air = Biota	W = Water	na Water	R8									24. 14	
	(billable) C=	= Charcoal = Oil	GW = Grour SW = Surfac	d Water	yse:							Invoice To Phone:		2014 1	
	your sample si	= Soil = Sludge	WW = Wast WP = Wipe	e Water	Anal	G						CLIENT	LAB CO	MMENTS	Profile #
PACE LAB #	CLIENT FIELD ID	DATE	TIME	MATR	ax			· ····				COMMENTS	(Lab Us	se Only)	
001	Sri	8/7/1	3136	5		4						1-40mlyF	1-40	r_2p^A	52·4.*
002	5-2	1	3:38	1		1							1-21	ploc	
003	5-3		3:43										1-4	ozoH.	<u>.</u>
004 5-4			3:16										1-Z	1 bloc	Г
005	5-5		3,58				1							1	
mo	5-6	17	3:55	\prod										¢ ∠	1.52
007	5-7	8/3/1	6:42						·						
008	5-3	1	9:30	\square		1				1				1	
mal	5-6	15	9:32	1		11	322						4	7	
CO/ K	se se staliu	ter 1	1 -			1									
	53 93 3 -19/1	seu			17570743 1757143			1							
7						1									
				-		1									
Rush Turnaro	und Time Requested - Prelim	S Reli	inguished By:				Date/Time	<u> </u>		Received	Bv;	Date/Time:	1	PACE Pr	oject No.
(Rush TAT s	ubject to approval/surcharge)	F	-	e-	2	•	8/5/14	12:35	•	2		8-3-14	1235	2010)	221
Date Needed:			inquished By: Date/Time: Rev					Received	Received By: Date/Time:			10101	1		
Email #1: Relia		nquished By: Date/Time: R					Received By: Date/Time:			R	Receipt Temp = /{Of °C				
Email #2:											Sample R	eceipt pH			
Telephone: Relir		nquished By: Date/Time: Receiver					Received	teceived By: Date/Time:			OK / A	ijustea			
Fax: Samples on HOLD are subject to Relin		nguished By: Date/Time: Rens				Received	Received By: Date/Time:			Present / N	ot Present				
special pricing and release of liability											La de la deserva			Intact / N	ot intact
			100					_			10.0	Sector and the	Ve	rsion 6.0 06/14/06	

8		Sample (Condi	ion Upon I	Receipt	Pace Analytic	al Services, Inc.
PaceAr	nalvtical"					Greer	Bay, WI 54302
Client Names	K	15-	وحين	Proje		ADADA	
Courier: To Food Fu		L- 1	R.			4010122	21
Tracking #:	UPS V Client I. Pa	ce Other:					
Custody Seal on Cool	er/Box Present: 🗔 yes	no Sea	als intac	t: ∏ yes [r	40101221		
Custody Seal on Sam	pes Present: 🦵 yes 🕅	no Sea	als intac	t: 🗂 yes 🗔 i	10		
Packing Material:	Bubble Wrap F Bul	ble Bags	Nor	e 🦵 Other	a		
Cooler Temperature	N/H	Type of Ic	e Wet	Blue Dry No	ne K Samples o	n ice, cooling process has	begun
Temp Blank Present:	Ves X no			gical fissue i	no	Porcen examining	contente:
Temp should be above free	ezing to 6°C for all sample ex	cept Biota.				Date: 8-8-1	Site in
Frozen Biota Samples shou	ud be received ≤ 0°C.			Comments:		Initials:	510
Chain of Custody Prese	nt:	Pres DN		1.			
Chain of Custody Filled	φut:	Pres DN		2.			
Chain of Custody Reling	uished:	DYes DN		3.			
Sampler Name & Signat	ure on COC:			4.			
Samples Arrived within H	old Time:	PYes DNd		5.			
- VOA Samples fr	pzen upon receipt	/ □Yes □No		Date/Time:			
Short Hold Time Analys	is (<72hr):	DYes DNo		6.			
Rush Turn Around Tim	e Requested:	Yes Divo		7.			
Sufficient Volume:				8			
Correct Containers Used				9			*
-Pace Containers Use	d.	VYes DNo					
-Pace IR Containers L	lsed:		⊡⁄Ñ/A				and the second s
Containers Intact:				10			
Filtered volume received	for Dissolved tests			11		IL OF	-
Sample Labels match CC	C.	TYes PINO		12002 -	collect ten	ue on tonto	03424
-includes date/time/ID	Analysis Matrix-	5.		003 0	allect fine	on 40ml	0935
All containers needing prese	rvation have been checked.		2	No Cell	103 F HOSON F	- NOCH IT NOCH	ZDACTS SIL
(Non-Compliance noted in 1 All containers needing press	3.)		4IN/A	13.	100 112004)		Sin
compliance with EPA recom	mendation.	□Yes □No	DIN/A				P
(HNO3, H2SO4's2; NaOH+Z exceptions: VOA, coliform, TOC	nAct ≥9, NaOH ≥12) , тох, тон,	-7		Initial when	Lab Std #ID of	Date/	
D&G, WIDROW, Phenolics,	OTHER:	ØYes □No		completed	preservative	Time:	
Headspace in VOA Vials	(>6mm):	□Yes □No		14.			
Trip Blank Present:		□Yes □No	INIA	15.			
Trip Blank Custody Seals	Present	□Yes □No	PRIA				3e
Pace Trip Blank Lot # (if p	urchased):		/				·
Person Contacted	iution:		Date/T	ime:	It checked, see attache	ed form for additional com	ments []
Comments/ Resolution:					an a	(*)	11-12-1- 11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
						1 1	
						01	
			_)			VIOIII	
Project Manager Revie	w:				Date:	2/0/14	