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January 17, 2023

Wisconsin Department of Natural Resources Bureau for Remediation and Redevelopment Attn: Alice Egan 1027 W. St. Paul Avenue Milwaukee, WI 53233

#### RE: SITE STATUS UPDATE – MILLIS TRANSFER – 3001 W HOLY HILL ROAD, RICHFIELD, WI

Dear Ms. Egan:

Cedar Corporation (Cedar) is providing this site status update for Millis Transfer located at 3001 W Holy Hill Road, Richfield, Wisconsin (Site), reference Figure 1 – Site Location Map, attached).

#### Background:

On June 3, 2022, a 15,000-gallon diesel underground storage tank (UST) and associated piping was closed by removal. A total of 12 Tank System Site Assessment (TSSA) soil samples were collected following tank and piping removal. Base samples were not obtained from the tank cavity, as groundwater was encountered at approximately 13 feet below ground surface (ft bgs). Soil samples were submitted to Eurofins Analytical Laboratory in Chicago, Illinois for laboratory analysis of petroleum volatile organic compounds (PVOCs) and naphthalene. The TSSA report is included in Attachment A.

Of the 12 samples, two (2) samples, S-1 and S-12 (located at the western end of the tank cavity, closest to the associate piping and main dispenser), detected total trimethylbenzenes exceeding the Wisconsin Administrative Code (WAC) ch. NR 720 Soil to Groundwater Pathway Residual Contaminant Levels (RCLs), reference Table 1 - Soil Analytical Table and Attachment D – Laboratory Analytical Reports, attached.

Based on the analytical results from the TSSA sampling, Cedar recommended additional groundwater sampling to determine if the onsite groundwater has been impacted.

#### Monitoring Well Installation:

On October 28, 2022, On-Site Environmental of Sun Prairie, Wisconsin installed a 1" polyvinyl chloride (PVC) ch. NR 141 compliant monitoring well (MW-1) using dual-tube Geoprobe drilling techniques. The monitoring well was installed in the vicinity of S-1 and S-12, to a depth of 20 feet below ground surface (ft bgs), with a 10-foot screen, and riser to the surface, reference Figure 2 – Detailed Site Map, attached. The well was completed with a steel flushmount protective cover. At the time of drilling the ground surface was sand and gravel backfill from tank removal activities. The area was paved with asphalt in November 2022, and the integrity of the well and protective cover was maintained, reference Attachment C – Photo Log, attached.

#### Well Development and Sampling (November):

On November 2, 2022, Cedar developed the well using a peristaltic pump. Approximately 16 gallons of water was purged from the well to rid it of any sediment. All purge water was containerized in a steel 55-gallon drum staged at the Site.

#### **Groundwater Sampling and Analytical Results:**

On November 2, 2022, following well development activities, a groundwater sample was collected from MW-1, using a peristaltic pump, and submitted for laboratory analysis of PVOCs and naphthalene, reference Attachment B – Field Forms, attached.

In addition to sampling the newly installed monitoring well, the onsite private water supply well (PW-1) was also sampled. A faucet was turned on inside the facility and ran for approximately 10 minutes. A water sample was collected from the pressure tank and submitted for laboratory analysis of PVOCs and naphthalene, reference Attachment B – Field Forms, attached.

Analytical results identified the concentration of benzene exceeding the applicable WAC ch. NR 140 Preventive Action Limit (PAL) of 0.5 ug/L at MW-1. There were no other exceedances identified at MW-1 or PW-1, reference Table 2 – Groundwater Analytical Table and Attachment D – Laboratory Analytical Reports, attached.

As the concentration of benzene only marginally exceeded the PAL, at 0.53 ug/L, a second sampling round at MW-1 was recommended. On December 2, 2022, Cedar purged and sampled MW-1 using a peristaltic pump. Approximately 15 gallons of water was purged from the well to rid it of any sediment. All purge water was containerized in a steel 55-gallon drum staged at the Site. A sample was collected from the well and submitted for laboratory analysis of PVOCs and naphthalene, reference Attachment B – Field Forms, attached. Analytical results from this sampling event did not identify any WAC ch. NR 140 exceedances, reference Table 2 – Groundwater Analytical Table and Attachment D – Laboratory Analytical Reports, attached.

#### **Conclusions:**

The conclusions of the investigative and remedial activities are listed below.

- Tank
  - The 15,000-gallon diesel tank and associated piping was removed from the site on June 3, 2022.
  - o The tank cavity was backfilled with sand and gravel fill.
  - The area was paved with asphalt in November 2022.
- Soils
  - TSSA soil sample results identified total trimethylbenzenes WAC ch. NR 720 Soil to Groundwater Pathway RCL exceedances in two samples, S-1 (3 ft bgs), and S-12 (12 ft bgs).
- Groundwater
  - A monitoring well, MW-1, was installed in the former tank cavity, near S-1 and S-12 to a depth of approximately 20 ft bgs on October 28, 2022.
  - $\circ$   $\,$  MW-1 was developed and sampled on November 2, 2022.
    - Benzene was detected exceeding the applicable WAC ch. NR 140 PAL.
  - A sample was collected from the onsite potable well (PW-1) on November 2, 2022.
    - There were no WAC ch. NR 140 exceedances.
  - MW-1 was re-sampled on December 2, 2022.
    - There were no WAC ch. NR 140 exceedances.

#### **Recommendations:**

Based on the review of environmental conditions completed through the course of the tank removal and investigation activities, the Site has been investigated to the extent reasonable. Low-levels of total trimethylbenzenes were detected in two adjacent samples on the western wall of the former tank cavity and beneath the associated piping, and remain onsite. Confirmation groundwater sampling did not identify any WAC ch. NR 140 exceedances. Cedar recommends that the Site be issued "No Action Required" by the WDNR as the source of the contamination (UST) was successfully removed from the Site, and the residual soil impacts are not impacting the onsite groundwater.

Sincerely.

ashley a. Wagner

Ashley Wagner, P.G., **Professional Geologist** 

Den Maral

Dan O'Connell, P.G., C.P.G., **Environmental Manager** 

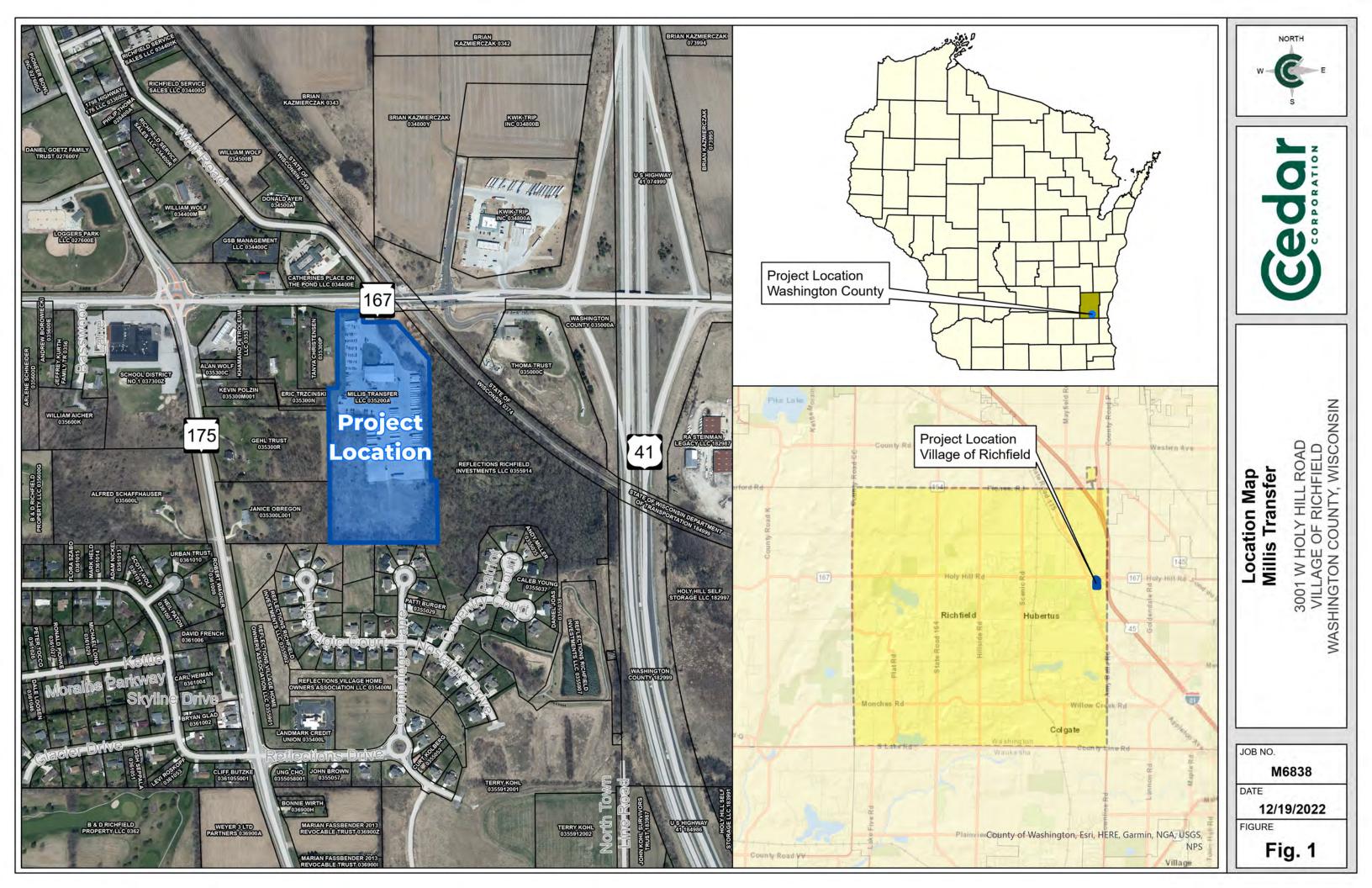
Attachments: Figure 1 – Site Location Map Figure 2 – Detailed Site Map Table 1 – Soil Analytical Table Table 2 – Groundwater Analytical Table Attachment A – TSSA Report Attachment B – Field Forms Attachment C – Photo Log Attachment D – Laboratory Analytical Reports

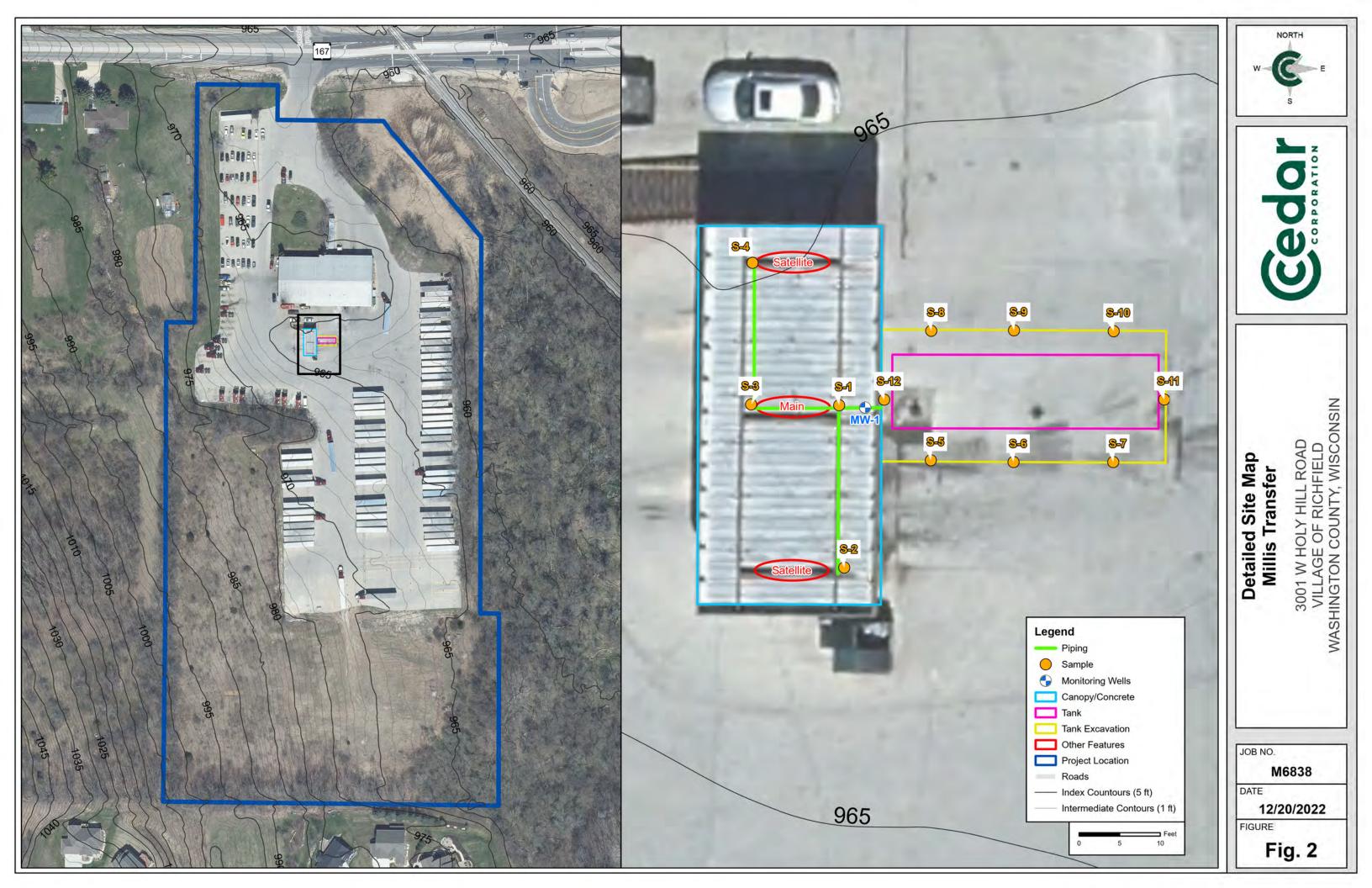


# Figure(s)

Figure 1 – Site Location Map

Figure 2 – Detailed Site Map







# Tables

- Table 1 Soil Analytical Table
- Table 2 Groundwater Analytical Table



#### Table 1

#### Soil Analytical Results Millis Transfer - Richfield 3001 W Holy Hill Road Richfield, WI

Analyte	Units	Groundwater Pathway RCL	Non-Industrial Direct Contact	Industrial Direct Contact	Background Threshold Value	S-1	S-2	S-3	S-4	\$-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12
		T activaty NCE	RCL	RCL	Date	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022
					Depth (ft bgs)	3	3	3	3	12	12	12	12	12	12	12	12
					PID (ppmv)	130.4	0.7	0.2	0.2	0.4	0.3	0.2	0.4	0.5	1.0	1.4	171.1
Volatile Organic Compounds (VOCs)																	
1,2,4-Trimethylbenzene <sup>1</sup>	µg/kg	1,378.71	219,000	219,000		5,700	<21.0	<21.0	<21.0	<21.0	<21.0	<21.0	<21.0	<22.0	<21.0	<22.0	9,400
1,3,5-Trimethylbenzene <sup>1</sup>	µg/kg	1,378.71	182,000	182,000		2,500	<22.0	<22.0	<22.0	<22.0	<22.0	<22.0	<22.0	<23.0	<23.0	<23.0	3,100
Benzene	µg/kg	5.1	1,600	7,070		<17.0	<8.5	<8.6	<8.6	<8.6	<8.4	<8.6	<8.5	<8.9	<8.7	<8.8	<8.6
Ethylbenzene	µg/kg	1,570	8,020	35,400		670	<11.0	<11.0	<11.0	<11.0	<11.0	<11.0	<11.0	<11.0	<11.0	<11.0	1,100
Methyl-tert-butyl ether	µg/kg	27.0	63,800	282,000		<45.0	<23.0	<23.0	<23.0	<23.0	<23.0	<23.0	<23.0	<24.0	<24.0	<24.0	<23.0
Naphthalene	µg/kg	658.2	5,520	24,100		<38.0	<19.0	<20.0	<20.0	<20.0	<19.0	<20.0	<19.0	<20.0	<20.0	<20.0	<20.0
Toluene	µg/kg	1,107.2	818,000	818,000		<17.0	<8.5	<8.6	<8.6	<8.7	<8.5	<8.6	<8.5	<8.9	<8.8	<8.9	12.0 J
Total Xylene	µg/kg	3,960	260,000	260,000		3,300	<13.0	<13.0	<13.0	<13.0	<13.0	<13.0	<13.0	<13.0	<13.0	<13.0	3,100

Notes:

\* = Exceedance was observed but analytical result is below Background Threshold Value (BTV)

100

100

100

Exceedance of the NR 720 RCL for Soil-to-Groundwater Pathway Exceedance of the NR 720 RCL for Non-Industrial Direct Contact

Exceedance of the NR 720 RCL for Industrial Direct Contact

PID = Photoionization Detector

mg/kg = milligrams per kilogram

ug/kg = micrograms per kilogram

ppmv = parts per million per volume

ft bgs= feet below ground surface RCL = Residual Contaminant Level

< = analyte not detected above laboratories limit of detection</p>

J = Analyte detected at concentrations between the limit of detection and the limit of quantification

B = Compound was found in the blank sample

NA = Not analyzed

-- = Not established

\*\* = Not exceeded per ch. NR 720.07(2)(c) If a soil cleanup standard for a soil contaminant is between the limit of detection and the limit of quantitation, the soil cleanup standard shall be considered to be exceeded if the soil contaminant concentration is reported at or above the limit of

quantitation, the solicitation standard shall be considered to be exceeded in the solicontaminant concentration is reported at or al quantitation.

<sup>1</sup> = Soil to Groundwater Pathway RCLs are for 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene combined.

<sup>2</sup> = Soil to Groundwater Pathway RCLs are for cis-1,2-Dichloropropene and trans-1,3-Dichloropropene combined

<sup>3</sup> = Soil to Groundwater Pathway RCLs are for m, p and o xylenes combined (total xylenes)

Table 2 Groundwater Analytical Results Millis Transfer - Richfield 3001 W Holy Hill Road Richfield, WI ch. NR 140 ch. NR 140 MW-1 PW-1										
Parameter	Units	ch. NR 140	ch. NR 140	MV	MW-1					
Falameter	Units	ES	PAL	11/02/2022	12/02/2022	11/02/2022				
Volatile Organic Compounds (VOCs)										
1,2,4-Trimethylbenzene <sup>1</sup>	ug/L	480	96	2.4	3.2	<0.36				
1,3,5-Trimethylbenzene <sup>1</sup>	ug/L	480	96	0.82 J	0.97 J	<0.25				
Benzene	ug/L	5.0	0.5	0.53	0.26 J	<0.15				
Ethylbenzene	ug/L	700	140	1.7	2.9	<0.18				
Methyl-tert-butyl ether	ug/L	60	12	<0.39	<0.39	0.70 J				
Naphthalene	ug/L	100	10	<0.34	0.44 J	<0.34				
Toluene	ug/L	800	160	0.59	0.65	<0.15				
Xylenes (total) <sup>2</sup>	ug/L	2,000	400	7.2	8.2	<0.22				

Notes:

-- = No Established Standard

Bold/Red = Concentration exceeds NR 140 Enforcement Standard

Bold/Blue = Concentration exceeds NR 140 Preventive Action Limit

ug/L = Micrograms per liter

mg/L = Milligrams per liter

NA = Not analyzed

J = Reported value was between the limit of detection and the limit of quantitation. \*\* = Not exceeded per ch. NR 140.14(3)(c) If the preventive action limit or enforcement standard is between the limit of detection and the limit of quantitation, the regulatory agency shall consider the preventive action limit or enforcement standard to be attained or exceeded if the concentration of a substance is reported at or above the limit of quantitation.

<sup>1</sup> = ES and PAL levels are for 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene combined

 $^{\rm 2}$  = ES and PAL levels are for m, p and o xylenes combined (total xylenes)

 $^{3}$  = ES and PAL are Public Welfare (ch. NR 140 Table 2) Standards



# Appendices

Attachment A – TSSA Report

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Wisconsin Department of Agriculture, Trade and Consumer Protection

Bureau of Weights and Measures

P.O. Box 7837, Madison, WI 53707-7837 (608) 224-4942

Wis. Admin. Code §ATCP 93.560

FOR OFFICE USE ONLY

# TANK SYSTEM SERVICE AND CLOSURE ASSESSMENT REPORT

Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04(1)(m) Wis. Stats.).

Complete One Form for Each System Service Event

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

CHECK ONE: WUNDERGROUND ABOVEGROUND

#### 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 
 Dising 
 Transition/containment sumn 
 Snill bucket Dispenser

B. IDENTIFI	Contraction of the Contract										
OWNER INFO		and the second second		11-2373	Par Tall	1.	-			2	1
OWNER NAME	7.7.57	412663	CONTACT NAL		1 and Long		TITLE				
MAILING ADDI P.O. BOX 55	RESS	112003						GE		STATE	ZIP 54615
TELEPHONE: (715) 299 - 23				1		E-MAIL			U.		3
SITE INFORM		FILL AND BY	10000								- iil
FACILITY NAM	E										
SITE ADDRES	S (Not PO Box) RD 167 W					Y ⊡ TOWN ⊠ FIELD	VILLAC	BE		STATE	ZIP 53076
SERVICE CON	TRACTOR INFO	ORMATION					-			1000	
	VICE CONTRAC	CTOR Section A Above NC		SER 507		RACTOR CERT ID	)#	0.000	PHONE: 831 - 8484	CELL: (715) 5	79 - 8324
STREET ADDR P.O. BOX 10	5100 Contract 10						VILLAG	BE		STATE	ZIP 54702
C. TANK SYS	STEM DETAIL	(Complete for all s	ervice activities	)				-	and the second s		
a	b	c	d	0	f	1	g			h	
Tank ID #	Type of Closure <sup>1</sup>	Tank Material of Construction	Piping Material of Construction	Tank Capacity (gallons)	Content	Integrity (e.g. ho	se - Sys Compro bles, cra connect	mised icks,	If "Yes" to "g and C Source of Rele	ause of Re	lease
113523	P	STEEL	FRP	15000	DL	🗆 Yes	s 🚯	No			
			a - 186	6- C-	a	🗌 Ye	s 🗆 I	No			
						🗆 Ye	s 🗆 I	No			
						🗆 Yes	s 🗆 I	No			
				- 78		🗆 Ye	s 🗆 I	No			
		9		-17 W		🗌 Ye	s 🗆 I	No			
1. Indicate	type of closure	: P = Permanent, T	OS = Temporaril	y Out-of-Sen	vice, CIP =	Closure In-Plac	æ				
Kerose		t: DL = Diesel, LG = ix, WO = Waste/Use									
								1			
3. CAS nun	nber(s):			12.000							
4. Source of	of release: T =	tank, P = piping, D	= dispenser, ST	P = submers	ible turbine	pump, DP = de	elivery	problem	n, O = other,	UNK = Un	known
5. Cause of S = spil		POMD = physical o	r mechanical dam	nage, C = co	orrosion, IP	= installation p	roblem	0=0	ther, UNK = U	Inknown	
6. Has relea	ase been repor	ted to the Departme	nt of Natural Res	ources?	Yes 🗖	No A Releas	se not	evident	at this time (pe	ending san	nole analy
	Constant of the Ar		tribution: DAT			ctor Contra	1.1.1				
		Fait A Dis			insue			OWIE			

NOTE: TANK INVENTORY PORT TRAVELYS OF TRAVELYS SIGNED BY THE OWNER MUST BE SUBMITTED         WITH EACH CLOSURE OF CAMAGE-INSERVICE CHECKLIST         D. CLOSURE BY REMOVAL OR INFLACE         1. General Requirements       Verified         2. Product from pping drained into tank (or other container).       D Y N O'N O'N         3. Product from pping drained into tank (or other container).       D'Y N O'N O'N         4. All punt and residue meroved from tank using explosion-proof pumps or hand pumps prior to merowing tank from excuration hores bonded to tank or otherwise grounded.       D'Y N O'N O'N O'N O'N O'N O'N O'N O'N O'N O	SURES (Check applicable box at right in response to all statements in section D) notification was provided to the local agent 5 days in advance of closure date.   Yes No I permits were obtained before beginning closure.  Yes No NA Form TR-WM-137 or AST Form TR-WM-118 filed by owner with the DATCP indicating closure.  Yes	No		
D. CLOSURE BY REMOVAL OR INFPLACE       Parnover       Inspector	TANK INVENTORY FORM TR-WM-137 or TR-WM-118 SIGNED BY THE OWNER MUST BE SUBMITTED			
a. Product from pping drained into tank (or other container). U N M   b. Priping disconnected from tank and menoved. U N M   c. All ligid and metable emoved from tank using explosion-proof pumps or hand pumps prior to metawation. U N M   d. All pump motors and suction hoses bonded to tank or otherwise grounded. U N M N   d. All pump motors and suction hoses bonded to tank or otherwise grounded. U N M N   d. Fill pues, gauge pipes, sugne procevery connections, submersible pumps and other fixtures U N M N   g. Tank depended to 10% of the lower flammable range (LEL) - see Section E. U N M N   a. Tank movement. In tank stampsphere moused to 10% of the lower flammable range (LEL) - see Section E. U N M   b. Tank classed from carving NLIQBERGINIERTING; placed on level ground and blocked to U N M   c. Tank labeled in full compliance with API 1604 after removal but before being moved from site. U N M   c. Tank labeled in full compliance with API 1604 after removal but before being moved from site. U N M   c. Tank labeled in full compliance with API 1604 after removal but before being moved from site. U N M   c. Tank labeled in full compliance with API 1604 after removal but before being moved from site. U N M   c. Tank labeled in full compliance with API 1604 after removal but before being moved from site. U N M   c. Tank labeled in full complianc	LOSURE BY REMOVAL OR IN-PLACE	spector	Inspector	
b. Poing disconnected from tank and removed. III Y N II'' N II''   c. All liquid and reactive removed from tank using explosion-proof pumps or hand pumps prior to removing tank from encavation. II' Y N II'' N II'' N II''' N II'''' N II''''''''	- Ville Market Andrew State (1997)		Not Present	N
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All pump motions and sudion hoses bonded to tank or otherwise grounded.     All pump motions and sudion hoses bonded to tank or otherwise grounded.     All pump motions and sudion hoses bonded to tank or otherwise grounded.     All pump motions and sudion hoses bonded to tank or otherwise grounded.     All pump motions and sudion hoses bonded to tank or otherwise grounded.     All pump motions and sudion hoses bonded to tank or otherwise grounded.     All pump motions and sudion hoses bonded to tank or otherwise grounded.     All pump motions and sudion hoses bonded to tank or otherwise ground and blocked to     All pump motions and sudion hoses bonded to tank or otherwise ground and blocked to     All pump motions and sudion hoses bonded to tank or otherwise ground and blocked to     All pump motions and sudion hoses bonded to tank or otherwise ground and blocked to     All pump motions and sudion hoses bonded to tank or otherwise ground and blocked to     All pump motions and sudion hoses bonded to tank or otherwise ground and blocked to     All pump motions and sudion hoses bonded to tank or otherwise ground and blocked to     All pump motions and sudion hoses bonded to tank or otherwise ground and blocked to     All pump motions and sudion hoses bonded to tank or otherwise ground tank blocked to     All pump motions and sudion hoses bonded to tank or otherwise ground tank blocked to     All pump motions and sudion hoses bonded to tank or otherwise ground tank blocked to     All pump motions and sudion hoses bonded to tank or otherwise ground tank blocked to     All tank tent hole (1/8' in uppermost part of tank) installed prior to moving the tank from site.     All pump the devent the tank tent of the tank and tank filed.     All to all permity thermore all sudge and residue.     All to all permity thermore all sudge and residue.     All to all permity the devent and tranks.     All to all permity thermore all sudge and residue.     All to all permity therease and teadious and tresidue and show of tank	Piping disconnected from tank and removed.	Y DN		
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I. Vert lines left connected until tanks purged. II Y IN GY IN   g. Tank openings temporarily plugged so vapors exit through vent. IV Y IN GY IN   h. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E. IV Y IN GY IN   2. Specific Closure-by-Removal Requirements   a. Tank removed from excavation after PURGING/INERTING; placed on level ground and blocked to TY IN   b. Tank cleaned before being removed from site.   c. Tank labeled in full compliance with API 1604 after removal but before being moved from site.   DTE: COMPLETE TANK LABELING SHOLD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR FREEING STREATMENT, MONTHOAVYEAR OF REMOVAL   d. Tank vent hole (1/8' in uppermost part of tank) installed prior to moving the tank from site.   g. Y IN   g. State security is provided while the excavation is open.   3. Specific Closure-In-Place Requirements   NOTE: COLVER-Place Requirements   NOTE: COLVER-Place Requirements   NOTE: COLSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION (DATOP) OR LOCAL AGENT.   a. Tank property cleaned to removed all sludge and residue.   b. Sold in endersial (sand, clober being ing, or pag gravel recommended) introduced and tank filled.   Y IN   c. Vent line disconnected or removed.   c. Vent line disconnected or removed.   d. Inventory form filled by owner with DATCP indicating closure in-place.   Y IN   All coal permits were obtained before beginning service.   Y IN   All coal permits were obtained begin mig service.<	All pump motors and suction hoses bonded to tank or otherwise grounded.	PON		E
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h. Tark atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E.       Image: Closure-by-Removal Requirements         2. Specific Closure-by-Removal Requirements       Image: Removal form exaction after PURGINGINERTING; placed on level ground and blocked to       Image: Removal form exaction after PURGINGINERTING; placed on level ground and blocked to         b. Tark cleaned before being removed from site.       Image: Removal form exaction after PURGINGINERTING; placed on level ground and blocked to       Image: Removal form exaction after PURGINGINERTING; placed on level ground and blocked to         b. Tark cleaned before being removed from site.       Image: Removal form exaction after PURGINGINERTING; placed on level ground and blocked to       Image: Removal form exaction after PURGINGINERTING; placed on level ground and blocked to         c. Tark labeled in full compliance with API 1604 after removal but before being moved from site.       Image: Removal form exaction form site.       Image: Removal form exaction form flame form form nowing the tark from site.       Image: Removal form exaction form flame form form nowing the tark from site.       Image: Removal form exaction form form flame form form flame form form flame form form flame for form move aff studge and residue.         b. Solid ineft material (sand, cyclone boiler site), or pea gravel recommended) introduced and tark filted.       Image: Remove form flame for form flame form form flame for form flame for form flame for		-		E
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C. Tank labeled in full compliance with API 1604 after removal but before being moved from site.  IV VAPOR STATE: VAPOR FREEING TREATMENT: MONTH-VDAYYEAR OF REMOVAL  d. Tank vent hole (1/8' in uppermost part of tank) installed prior to moving the tank from site.  VAPOR STATE: VAPOR REGEING TREATMENT: MONTH-VDAYYEAR OF REMOVAL  d. Tank vent hole (1/8' in uppermost part of tank) installed prior to moving the tank from site.  VAPOR STATE: VAPOR REQUIPER TREATMENT: MONTH-VDAYYEAR OF REMOVAL  d. Tank vent hole (1/8' in uppermost part of tank) installed prior to moving the tank from site.  VAPOR STATE: VAPOR REQUIPER STREATMENT: MONTH-VDAYYEAR OF REMOVAL  S. Site security is provided while the excavation is open.  S. Specific Closure-In-Place Requirements NOTE: CLOSURES IN-PLACE ARE DNLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF AGRICULTURE. TRADE AND CONSUMER PROTECTION (DATCP) OR LOCAL AGENT.  a. Tank properfy cleaned to removed.  C. Vent line disconnected or removed.  C. Vent line disconnected or removed.  I. Inventory form filed by owner with DATCP indicating closure in-place.  V N V N V N  C. Vent line disconnected or removed.  I. Inventory form filed by owner with DATCP indicating closure in-place.  V N V N  All local pemits were obtained before beginning service.  V N N  All local pemits were obtained before beginning service.  V N N  All local pemits were obtained before beginning service.  V N N  ALL CURATELY. THE TANK MAY NOT BE ENTERED IN THOS STATE WITHOUT SPECIAL EQUIPMEN  Gas introduced under low pressure and to exceed 5 psig to reduce static electricity. Gas introducing device ground.  C. Readings of 10% or less of the lower flammable range (LEL) or <5% oxygen obtained before removing tank state erroring 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 ground.  C. METHOD OF VAPOR FREEING OF TANK  C. MACURATELY. THE TANK MAY NOT BE ENTERED IN THINGS STATE WITHOUT SPECIAL EQUIPME	revent movement.			C
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e. Site security is provided while the excavation is open.   3. Specific Closure-In-Place Requirements   NOTE: CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF A GRICULTURE, TRADE AND CONSUMER PROTECTION (DATCP) OR LOCAL AGENT.   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.   Y N   N NA   All local permits were obtained before beginning service.   Y N   NA   All local permits were obtained before beginning service.   Y N   NA    NA    NA <t< td=""><td>APOR STATE; VAPOR FREEING TREATMENT; MONTH/DAY/YEAR OF REMOVAL</td><td></td><td></td><td>-</td></t<>	APOR STATE; VAPOR FREEING TREATMENT; MONTH/DAY/YEAR OF REMOVAL			-
3. Specific Closure-In-Place Requirements         NOTE: CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF         THE DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION (DATCP) OR LOCAL AGENT.         a. Tank properly cleaned to remove all sludge and residue.       Y       N       N <td></td> <td></td> <td></td> <td>P</td>				P
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d. Inventory form filed by owner with DATCP indicating closure in-place.       I	ank property cleaned to remove all sludge and residue. Did inert material (sand, cyclone boiler slag, or pea gravel recommended) introduced and tank filled. Y N	YON		9
E REPAIR, UPGRADE OR CHANGE-IN-SERVICE   Written notification was provided to the local agent 5 days in advance of service date. Y   All local permits were obtained before beginning service. Y   Form TR-WM-137 or 0 TR-WM-118 filed by owner with DATCP indicating change-in-service. Y   NA   Bisplacement 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.   Inert gas using dry ice or liquid carbon dioxide.   Inert gas using CO2 or N2 NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNC   ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMEN   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.   Image: Tank atmosphere monitored for flammable range (LEL) or <5% oxygen obtained before removing tank from ground.				E
Written notification was provided to the local agent 5 days in advance of service date.       Image: Picture Content of Conte			<u> </u>	L
All local permits were obtained before beginning service.       Image: Construction of the service of				
Form TR-WM-137 or 0 TR-WM-118 filed by owner with DATCP indicating change-in-service.       IY       IN       INA         METHOD OF VAPOR FREEING OF TANK       Isplacement 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.         Inert gas using dry ice or liquid carbon dioxide.         Inert gas using CO2 or N2 NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNC ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMEN         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.         Image: Readings of 10% or less of the lower flammable range (LEL) or <5% oxygen obtained before removing tank from ground.				
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.     Inert gas using dry ice or liquid carbon dioxide.     Inert gas using CO2 or N2 NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNC ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMEN 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 <5% 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 monitor bottom, middle and upper portion of tank.     LYMM-140 (422) Formerty ERS-8951     REMOVER/CLEANER INFORMATION     JUSTW				
Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12 feet above ground.         Inert gas using dry ice or liquid carbon dioxide.         Inert gas using CO2 or N2 NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNC ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMEN 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.         Image: Readings of 10% or less of the lower flammable range (LEL) or <5% oxygen obtained before removing tank from ground.		-		
<ul> <li>Inert gas using dry ice or liquid carbon dioxide.</li> <li>Inert gas using CO2 or N2 NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNC 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.</li> <li>Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.</li> <li>Readings of 10% or less of the lower flammable range (LEL) or &lt;5% oxygen obtained before removing tank from ground.</li> <li>Tank atmosphere monitored for flammable or combustible vapor levels prior to and during cleaning and cutting.</li> <li>Calibrate combustible gas indicator and/or oxygen meter prior to use. Drop tube removed prior to checking atmosphere. Tank space monitor bottom, middle and upper portion of tank.</li> <li>REMOVER/CLEANER INFORMATION</li> <li>JUSTN Paboard OMMANNA 401548 6-3-2</li> </ul>				
<ul> <li>Inert gas using CO2 or N2 NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNC 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.</li> <li>Readings of 10% or less of the lower flammable range (LEL) or &lt;5% oxygen obtained before removing tank from ground.</li> <li>Tank atmosphere monitored for flammable or combustible vapor levels prior to and during cleaning and cutting.</li> <li>Calibrate combustible gas indicator and/or oxygen meter prior to use. Drop tube removed prior to checking atmosphere. Tank space monitor bottom, middle and upper portion of tank.</li> <li>REMOVER/CLEANER INFORMATION</li> <li>JUSTIN POLOGIN ONN</li> <li>MU15448 6-3-2</li> </ul>				
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.         Image: Readings of 10% or less of the lower flammable range (LEL) or <5% oxygen obtained before removing tank from ground.	ert gas using CO2 or N2 NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METE			
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Calibrate combustible gas indicator and/or oxygen meter prior to use. Drop tube removed prior to checking atmosphere. Tank space monitor bottom, middle and upper portion of tank.  WMM-140 (422) Formerly ERS-8951  REMOVER/CLEANER INFORMATION  JUSTIN POBODIN ONN  Substrain Pobodin Onno	adings of 10% or less of the lower flammable range (LEL) or <5% oxygen obtained before removing tank from ground	6		
bottom, middle and upper portion of tank. WMA-140 (4/22) Formerly ERS-8951 REMOVER/CLEANER INFORMATION JUSTIN POBODON ONN 401548 6-3-2	ink atmosphere monitored for flammable or combustible vapor levels prior to and during cleaning and cutting.			
Sustin Paborin Only 401548 6-3-2		Tank s	pace monitored	i at
Sustin Paborin Only 401548 6-3-2	4/22) Formerly ERS-8951			
Justin Pebboin Only 401548 6-3-2				_
	stin Pelopoin Only 401548	6	-3-2	2
IMOVERCLEANER NAME (PRINT): REMOVERCLEANER SIGNATURE CERTIFICATION # DATE TANK REMOVE	CLEANER NAME (PRINT): REMOVER/CLEANER SIGNATURE CERTIFICATION #	DAT	E TANK REMOVED	
Ittest that the procedures and information which I have provided as the tank closure contractor are correct and comply with ATCP 93. Impany expected to perform soil contamination assessment $CEOAC$ $Corp$ 401889		CP 93.		

Distribution: DATCP DNR Inspector Contractor Owner

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H. INSPECTOR INFORMATION

ason

INSPECTOR NAME (PRINT)

Karczewski Allungushi RE (PRINT) INSPECTOR SIGNATURE 100 AGENCY/COMPANY NAME

22

6610 Richfield FDID # FOR LOCATION WHERE INSPECTION PERFORMED

(262) 307- 6440 INSPECTOR TELEPHONE NUMBER

DATE SIGNED

INSPECTOR NOTES:

Part B – To be completed by environmental professional	- Submit original Part B to the WDNR	along with a <i>copy</i> of Part A
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I. TANK-SYSTEM SITE ASSESSMENT (T	SSA)								
SITE NAME - Note: SITE NAME and addre	ess MUST MATCH with Part A Section 1.								
Millis Transfer LLC				-					
SITE ADDRESS (Not PO Box)		CITY TOWN VILLAGE		STATE					
3001 State HWY 167		Richfield		WI	53076				
	e ATCP 93 and section II part B of ASSES EGROUND STORAGE TANK SYSTEMS.	SSMENT AND REPORTING OF SUSF	PECTED AND OB	VIOUS I	RELEASES				
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? $\Box Y \boxtimes N$									
If yes, provide the DATCP #		or DNR BRRT's #							
b. Number of active tanks at facility prior to completion of current services: USTs 1 ASTs 0									
	ly closed systems or system components.								
c. Excavation/trench dimensions (	in feet). (Photos must be provided.)	,							
			DEPTH						
EXCAVATION/TRENCH #		WIDTH			1				
Tank Bed	34	17	12						
Piping	24	4	3						
	1								
2. Visual Excavation/Trench Inspect	tion (Photos must be provided for "Yes	" responses, except item b.)							
Do any of the following conditions exis	t in or about the excavation(s)?								
a. Stained soils: 🛛 Yes 🛛 No	b. Petroleum odor: ⊠Yes 🔲 N	o c. Water In excavation/trench:	🛛 Yes 🗌 No	)					
d. Free product in the excavation/	trench <sup>.</sup> □Yes ⊠No e Sheer	n or free product on water:							
3. Geology/Hydrogeology			—						
a. Depth to groundwater 13	feet b Indica	te type of geology <sup>2</sup> Silty sand							
4. Receptors									
a. Water supply well(s) within 250 feet of the facility? X Yes No If yes, specify: Potable well on site, specific location unknown									
b. Surface water(s) within 1000 feet of the facility? $\Box$ Yes $\boxtimes$ No 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 fea		,,,							

#### J. NOTE RELEVANT OBSERVATIONS, SPECIFIC PROBLEMS OR CONCERNS BELOW

Groundwater was encountered in the bottom of the excavation. No base samples were collected. Sidewall samples were collected approximately 12 feet below ground surface, just above the water table. Soil samples S-1 and S-12 had elevated PID readings. The western tank wall was approximately 8 feet from the master pump. Soil sample S-1 was collected approximately 3 feet below the master pump. Soil sample S-12 was collected from the west side wall at approximately 12 feet. Sample S-12 acts as a confirmation sample from beneath soil sample S-1. 1,2,4-Trimethylbenzene was detected in the trip blank at 32J micrograms per kilogram, the result was detected between the laboratory limit of detection and the limit of quantification.

#### TR-WM-140 (4/22) Formerly ERS-8951

Sample ID #	Sample Location &	S	ample Colle	ction Metho	bd	Depth Below	Field Screening	GRO	DRO
	Soil/Geologic Description	Grab	Shelby Tube	Direct Push	Split Spoon	Tank/Piping (feet)	Result (ppm)	(mg/kg)	(mg/kg
S-1	East master piping / Silty sand	$\boxtimes$				-3	130.4		
S-2	South satellite piping / Silty sand	$\boxtimes$				-3	0.7		
S-3	West master piping / Silty sand	$\boxtimes$				-3	0.2		
S-4	North satellite piping / Silty sand	$\boxtimes$				-3	0.2		
S-5	Southwest wall / Silty sand	$\boxtimes$				-12	0.4		
S-6	South wall / Silty sand	$\boxtimes$				-12	0.3		
S-7	Southeast wall / Silty sand	$\boxtimes$				-12	0.2		
S-8	Northwest wall / Silty sand	$\boxtimes$				-12	0.4		
S-9	North wall / Silty sand	$\boxtimes$				-12	0.5		
S-10	Northeast wall / Silty sand	$\boxtimes$				-12	1.0		
S-11	East wall / Silty sand	$\boxtimes$				-12	1.4		
S-12	West wall / Silty sand	$\boxtimes$				-12	171.1		

Sample ID #	BENZENE	TOLUENE	ETHYLBENZENE	МТВЕ	TRIMETHYL - BENZENES (TOTAL)	XYLENES (TOTAL)	NAPHTHALENE
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
S-1	<17	<17	670	<45	8,200	3,300	<38
S-2	<8.5	<8.5	<11	<23	<22	<13	<19
S-3	<8.6	<8.6	<11	<23	<22	<13	<20
S-4	<8.6	<8.6	<11	<23	<22	<13	<20
S-5	<8.6	<8.7	<11	<23	<22	<13	<20
S-6	<8.4	<8.5	<11	<23	<22	<13	<19
S-7	<8.6	<8.6	<11	<23	<22	<13	<20
S-8	<8.5	<8.5	<11	<23	<22	<13	<19
S-9	<8.9	<8.9	<11	<24	<23	<13	<20
S-10	<8.7	<8.8	<11	<24	<23	<13	<20
S-11	<8.8	<8.9	<11	<24	<23	<13	<20
S-12	<8.6	12JB	1,100	<23	12,500	3,100	<20
Trip Blank	<7.3	<7.4	<9.2	<20	32J	<11	<17

#### K. TANK-SYSTEM SITE ASSESSMENT INFORMATION

As a tank-system site assessor certified under Wis. Admin. Code section ATCP 93.240, it is my opinion that there is no indication of a release of a regulated substance to the environment.

1

Sampling at the site indicates there has been a release to the environment. Pursuant to Wis. Admin. Code section ATCP 93.585 (2) (a) and Wis. Stats. section 292.11 (2) (a), the owner or operator or contractor performing work under chapter ATCP 93 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 168.26 (5). Each day of continued violation and each tank are treated as separate offenses.

Quin Lenz	2-	-15	494047
TANK-SYSTEM SITE ASSESSOR NAME (PRINT):	TANK-SYSTEM S	SITE ASSESSOR SIGNATURE	CERTIFICATION NO.
(920) 491 - 9081	6/20/2022	Cedar Corporation	
TANK-SYSTEM SITE ASSESSOR TELEPHONE NUMBER	DATE SIGNED	COMPANY NAME	

1

This document can be made available in alternate formats to individuals with disabilities upon request.

TR-WW-137 (9/20) Formerty ERS 7437 Wisconsin Department of Bureau of Weights and Mea PO Box 7837 Madison, Wi (608) 224-4942 UNDERGROUND FLAMMABLE/COM Personal information you provide may be u Underground tanks in Wisconsin th A separate form is needed	ISURES 153707-7837 IBUSTIBLE/HAZARD used for purposes other than the hat have stored or currently st ed for each tank. Send each of	OUS LIQUID S hat for which it was ori- ore petroleum or regul completed form to the	TORAGE TA ginally collected (s ated substances r agency designate	a. 15.04(1)(m) Wis. S nust be registered, d above.	<u>4TCP 93.140</u> ATION Stats.).
This registration applies to a 🖾 tank 🗌 piping status that	is (check one): Date Date Data Data Data Data Data Data		vith Product vithout Product (emp	oty) Only (complete boxes 1	a, and b. below)
Ownership Change (Indicate new owner name in box 2 -	The second s				
IDENTIFICATION (Please Print)	X+	and the second	da sere	1	1.000
1. TANK SITE NAME		COUNTY		PHONE	
MILLIS TRANSFER INC a. CURRENT SITE STREET ADDRESS		WASHINGT	LLAGE TOWN	OF: STATE	ZIP
3001 STATE RD 167 W		RICHFIELD	LLAGE LI TOWN	WI WI	53076
b. PREVIOUS SITE STREET ADDRESS					
Fire Dept. providing fire coverage where tank is located:		of RICHEIELD #661	0		1
2. TANK OWNER LEGAL NAME	John Brothit Britchice	COUNTY	•	PHONE: Check	
MILLIS TRANSFER INC		JACKSON		(715) 299 - 231	
MAILING ADDRESS			LLAGE TOWN		and the second sec
P.O. BOX 550		BLACK RIVE	RFALLS	WI	54615
3. PROPERTY OWNER NAME (if different from Tank Owner i	Legal Name #2)	COUNTY (if diffe	erent from County #2	)	
PROPERTY OWNER ADDRESS (if different from Site Street	et Address #1)			OF: STATE	ZIP
4. CLASS & NAME	DOB		CERTIFICATION	: (Attach certificate)	
5. CLASS B NAME	DOB		CERTIFICATION	: (Attach certificate)	
			1.5.1.6.3	Warran and a second	
SITE ID:	FACILITY ID # 412663		CUSTOMER ID	-	
Tank Capacity (gallons): 15000	Tank Age (age or date installed)			Vehicle fueling:	and the second se
LAND OWNER TYPE (Refer to back; check one): County OCCUPANCY TYPE (check one) Refer to back Retail Fuel Sales Mercantile/Commercial	Bulk Storage				_
Agricultural (crop or livestock production)	Backup or Emergency Gene	시 이야지 않는 것은 것이에서 사람이다.			overnment Fleet
TANK CONSTRUCTION:				Overfill Protection?	XYes DI
Bare Steel Coated Steel Steel - Fiberg	lass Reinforced Plastic Composite	¢		Spill Containment?	XYes D!
Fiberglass Unknown Other (specify)	); 🗖 Lin	ed (date):		Tank Double Walled?	□Yes Ø!
TANK CATHODIC PROTECTION: Sacrificial Anor	des 🔲 Impressed Current	N/A			
TANK LEAK DETECTION METHOD: Automatic tank g		ng ⇔ Electronic □ Yes	No St	atistical Inventory Reco	nciliation (SIR)
Manual tank gauging (only for tanks of 1,000 gallons or les			the second s		
PIPING CONSTRUCTION: Single Wall Double Wall:					
□ Bare Steel □ Coated Steel ☑ Fiberglass PIPING CATHODIC PROTECTION: □ Sacrificial Anodes		Unknown IN/A	Other:		
	g with ⇔ □ A. Pump auto shuto		strictor - MLLD	Ulakaoun	
[일기 : 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	ing with check valve at pump and		eded if waste oil	Unknown	
	toring ⇔ Electronic □ Yes □			No	
Tightness testing Electronic line monitor - ELLD	SIR Not required	Unknown		77	
TANK CONTENTS       Current, or previous product (if tank now et al. 1996)         □ Bio-Diesel:       %       □ Hazardous Waste/Interface*         □ Waste/Used Motor Oil ⇔       □ Used for Heating         □ Other (specify):	empty) (* = NOT PECFA eligible) Kerosene Fuel Oil Aviation Empty* Chemical* Name:		ew Oil 🛛 New o	ethanol blend: % et bil – Flash point less tha own	
Has a site assessment been completed? (see reverse side )	for details) 🛛 Yes 🗆 No				5
TANK OWNER LEGAL NAME (please print)	TANK	OWNER E-MAIL			
Christopher Schwer					
TANK OWNER SIGN THRE (Note: By signing, signer is acce	epting legal and financial responsi	bility for the storage tank	system.)	DATE:	
apartal	Note: Refer to comments o	n reverse side of form	n.		
	the second secon				

Wisconsin Department of Agriculture, Trade and Consumer Protection Bureau of Weights and Measures Storage Tank Regulation, PO Box 7837, Madison, WI 53707-7837 Phone: (608) 224-4942 FOR OFFICE USE ONLY

Wis. Admin. Code §ATCP 93.115 §ATCP 93.350

# ATCP 93 NOTIFICATION RECORD

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

TO: Darren Leone OFFICE LOCATION:

(Refer to https://datcp.wi.gov/Pages/Programs Services/StorageTankContacts.aspx for a jurisdiction's authorized agent/department.)

Note: Only the notification form is required for non-flammable, non-combustible, hazardous liquid, or CERCLA tanks greater than or equal to 5,000 gallon capacity that are under the direct supervision of a qualified engineer. A plan review is not required. (ATCP 93.350(2)(b)). LOCATION / IDENTIFICATION

Millis Thansfer Inc						TRE PROTEC	D COVERAGE
SITE STREET ADDRESS 3001 State Road 167 W			Richfiel	VILLAC	GE STATE	53076	washington
OWNER NAME Millis Transfer Inc		PHON (	IE NUMBER	TANK OWNE	ER EMAIL		
OWNER STREET ADDRESS			Black Hi	ven Fa	ell's	STATE	E SHEIS
CONTRACTOR NAME ADVANCED TANK SERVICE, INC	PHONE NUMBE (715) 831 - 8		CELL NUMBER (715) 579 - 832	24 moiso	on@adv-tank	k.com	
STREET ADDRESS P.O. BOX 1072				NWN	VILLAGE	STATE	E ZIP 54702
DATE WORK IS TO BEGIN DATE/TIME REQUESTED FOR TANK		ATCP	93 CERTIFIED INS Justin Pa			QUALIFIED E	NGINEER

PROJECT WILL INVOLVE: (Check all that apply) PI

Plan Approval No.: Approval Date:

	UST	AST	No. of Tanks	Comments:
Tank Installation				
Dispenser POS Conversion				
Piping Installation or Upgrade				]
Leak Detection Upgrade				
Spill or Overfill Protection				
Cathodic Protection or Interior Lining				15K DSL
CERCLA Chemical Tank(s) Only1				/3/-
Tank Closure	X		1	
Alternative Fuel Storage Tank Installation <sup>2,3,5</sup> (see footnotes below)				
Alternative Fuel Storage Tank Conversion <sup>4,5</sup> (see footnotes below)				TSSA: Cedar Conponation

Send Notice to DATCP (see address above). Installation inspection is not required if construction/installation is supervised by a qualified engineer.

<sup>2</sup>For LPO installations send notice to both the assigned LPO and DATCP General Inspection Inspector. DATCP General Inspection Inspector will be at the final inspection only. Alternative fuel storage tank systems shall not begin operation until the DATCP General Inspection Inspector has granted approval.

<sup>3</sup>For DATCP installation inspections send notice to only the assigned DATCP Installation Inspector. Alternative fuel storage tank systems shall not begin operation until the DATCP general inspector has granted approval.

<sup>4</sup>Send notice to only the DATCP General Inspection Inspector.

<sup>5</sup>See Conditional Approval letter and Notification email for Installation and general inspector information.

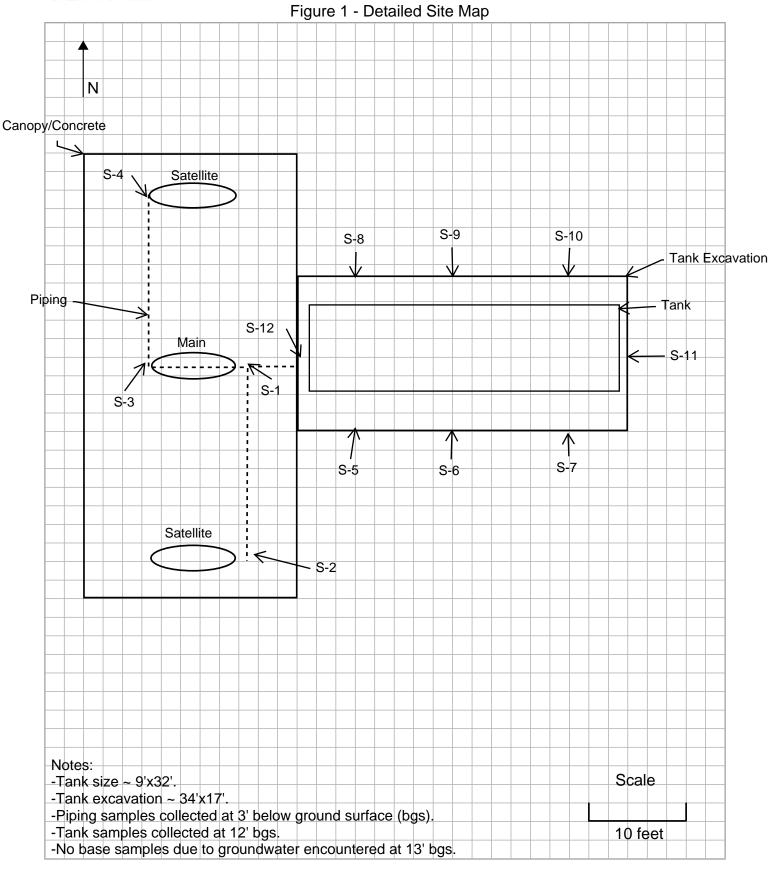
For USTs: If an Owner/Operator intends to begin operation immediately after the final inspection, they shall prepare and submit the documentation listed below at least 15 days prior to the final inspection:

- A TR-WM-137 Underground Flammable/Combustible Liquid Storage Tank Registration.
- A Wisconsin Operator Training Designation form.
- Affidavit of Financial Responsibility, certificate of insurance, and site schedule of covered locations and storage tanks.



604 Wilson Avenue Menomonie, WI 54751 engineering | architecture | environmental | surveying landscape architecture | planning | economic development JOB Millis Transfer LLC

BY QL DATE 6/3/2022





Client Name: Wisconsin Department of Natural Resources Photo No. Date: 1 6/3/2022 Direction Photo

Taken:

Northwest

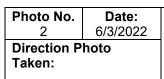
#### **Description:**

View of the tank location prior to removal.

**Site Location:** 3001 State Highway 167, Richfield WI

**Project No.** 00590-0009





East

#### **Description:**

View of the tank during removal.



Photo No.         Date:           3         6/3/2022	
Direction Photo Taken:	
Northwest	
Description:	
15,000-gallon tank removed from the Site.	B b3 C C C C C C C C C C C C C C C C C C
Photo No. Date:	
4 6/3/2022 Direction Photo	
<b>Taken:</b> West	
West	
Description:	
Area of the tank excavation.	

Photo No.         Date:           5         6/3/2022	
Direction Photo Taken:	
South	
Description:	
View of the south sidewall of the tank excavation.	
Photo No.         Date:           6         6/3/2022	
Direction Photo Taken:	
Southwest	
Description:	
View of the west sidewall of the tank excavation	

Photo No.         Date:           7         6/3/2022	
Direction Photo Taken:	
Northwest	
Description:	
View of the north sidewall of the tank excavation.	
Photo No. Date:	
8 6/3/2022 Direction Photo Taken:	
Northeast	
Description:	
View of the east sidewall of the tank excavation.	

Photo No.         Date:           9         6/3/2022	
9 6/3/2022 Direction Photo Taken:	
North	
Description:	
View of the pipe excavation running from the main to the northern satellite.	
Photo No.         Date:           10         6/3/2022	
Direction Photo Taken:	
North	
Description:	A CARLER CONTRACT
View of the pipe excavation running from the main to the northern satellite.	

	<b>OSI</b> Environmental, Inc. STRAIGHT BILL OF	LADING	GMO- 4866
1 -	Advanced Tank Service #6497	Millis Transfer	
L _	Pick-up 4 drums diesel sludge	3001 Holy Hill Rd	
т —	East Side of Bldg. R	Richfield, WI 5307	6
O P	hone number: M Phone numbe	r:	

#### O Phone number:

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on route to said destination. It is mutually agree, as to each carrier of all or any of said property over all or any portion of said route to destination, as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

Route: BEST WAY		
Delivery Carrier: 🔲 OSI Environmental, Inc.	US DOT Hazmat Reg. Number: MN	NT 280011586
Alternate Carrier:	US DOT Hazmat Reg. Number:	
Number of		
Packages HM Description of articles		ERG
RQ, UN1203, Flammable Liquid, N. Gasoline for Recycle APPROXIMATE GALLONS:	O.S. 3 PG II	128
Designated Facility OSI ENVIRONMENTAL, 912 TESC	H CT WALKESHA WI 53186	
Specialty Product for Recycle Mineral Oil PG III (NON PCB:		128
Designated Facility OSI ENVIRONMENTAL, 912 TESCI	H CT., WAUKESHA, WI 53186	
Specialty Product for Recycle Mineral Oil PG III (NON PCB: APPROXIMATE GALLONS:		128
Designated Facility OSI ENVIRONMENTAL, 912 TESCH	H CT., WAUKESHA, WI 53186	
4       RQ, UN1202, Fuel Oil, Combustible         Surplus Fuel for Recycling         APPROXIMATE GALLONS: 22(1)	DIESE SLUDBE	128
Designated Facility OSI ENVIRONMENTAL, 912 TESCH	H CT., WAUKESHA, WI 53186	
This is to certify that the above-named materials are properly classified, described, to the applicable regulations of The Department of Transportation.	packaged, marked and labeled, and is in proper condition for tr	ansportation according
Placards Required: None	Placards Supplied: NO - Eurnishe	d By Carrier
Shipper Signature: DOB Maller	Carrier Signature:	M
Date: 6 13 - 22	Received By That's Ma	L Date 613:2.
CUSTOMER PROJECT NUMBER:		
UNIT #:	OSI Environmental, Inc. 800-732-5667 912 Tesch Court EPA # WIR000 Waukesha, WI 53186	7 0147397 WDNR #14740
OSI TANK NUMBER:		
EMERGENCY RESPONSE TI	ELEPHONE NUMBER: (800)-732-566'	7
SHI	PPER COPY	



Attachment B – Field Forms

	Watershed/Wastewater [] Remcdiation/Redevclopmont[X]	Waste Management	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
Facility/Project Name Millis Transfer - Richfield	Local Grid Location of Well	N	Well Name MW-1
Facility License, Permit or Monitoring No.		ted: 🗆 ) or Well Location 🗋	Wis. Unique Well No. DNR Well ID No.
Facility ID	St. Planc ft. N,		Date Well Installed 10 / 28 / 2022
Type of Well	Section Location of Waste/Sour	rce X E	Well Installed By: Name (first, last) and Firm
Well Code /		<u>13</u> .T. 09 N.R. 19 W	TONU HAPUAI
Distance from Waste/ Enf. Stds.	Location of Well Relative to Wa u Upgradient s	aste/Source Gov. Lot Number Sidegradient	
Sourceft Apply	$d \square$ Downgradient $n \square$	-	On Site Environmental
	ft. MSL	1. Cap and lock?	Yes D No
B. Well casing, top elevation	ft. MSL /	2. Protective cover	
a, -1		a. Inside diamete	
C. Land surface elevation	ft_MSL	b. Length:	
D. Surface seal, bottom ft. MS	Lor ft	c. Material:	Steel <b>Set</b> 04
12. USCS classification of soil near screen	NAME AND A DESCRIPTION OF A DESCRIPTION OF A DESCRIPTION OF A DESCRIPTIONO	d. Additional pro	Other □ ∭ →tection? □ Yes □ No
	WD SP D	If yes, describ	
Bedrock 🗆		3. Surface scal:	$\begin{array}{c c} \text{Bentonite} \Box & 30\\ \text{Concrete} \Box & 01 \end{array}$
13. Sieve analysis performed?	Yes 🕱 No	Asona	H Other X
1	tary 150	A Material between	well casing and protective pipe:
Hollow Stem At	- 1003		Bentonite 🕺 30
Geodrobe	ther		Other 🖵 🌉
2000.000		5. Annular space se	
15. Drilling fiuid used: Water 🗇 0 2	Air 🗆 01 🛛 🧱		nud weight Bentonite-sand slurry 35
	None 154 99		nud weight Bentonite slurry D 31
			the Bentonite-cement grout $\Box = 50$
16. Drilling additives used?	Yes X No		<sup>3</sup> volume added for any of the above
		f. How installed	
Describe			Tremie pumped $\Box$ 02
17. Source of water (attach analysis, if requ	nred):	×	Gravity 🕱 08
NA		6. Bentonite seal:	a. Bentonite granules 🔲 33
		b. □1/4 in. Ŋ	$3/8$ in. $\Box 1/2$ in. Bentonite chips $\Box 32$
E. Bentonite seal, topft. MS	$L \text{ or } \underline{\mathcal{Q}}^{\circ} \underline{\mathcal{O}}_{\text{fl}} $	🕺 / c	Other 🗆 🎆
F. Fine sand, top ft. MS	. 3.5 . \	7. Fine sand materi	al: Manufacturer, product name & mesh size
F. Fine sand, top ft. MS		RIN S	sidley
G. Filter pack, top ft. MS	$L_{or}$ 4 ft	b. Volume adde	
0. Files pack, top it is			
H. Screen joint, top ft. MS	Lor 10 ft	8. Piner pack mater	ial: Manufacturer, product name & mesh size
		a b. Volume adde	A APPL
I. Well bottom ft. MS	$L_{\sigma} = QO_{fl}$	9. Well casing:	Flush threaded PVC schedule 40 🕱 23
			Flush threaded PVC schedule 80 🔲 24
J. Filter pack, bottom ft. MS	Lor 18 ft.		Other 🗆 💥
		10. Screen material:	PVC
K. Borehole, bottom ft. MS	Lor <u>Q</u> <u>U</u> ft	a. Screen type:	Factory cut 🖌 11
			Continuous slot $\Box$ 01
L. Borehole, diameter _3.5 in.		~	Other 🛛 💥
		b. Manufacturer	
M. O.D. well casing $-\frac{1}{2} \underbrace{\mathcal{L}}_{in}$ .		c. Slot size:	0. <u>Q</u> _ in.
128		d. Slotted length	
N. I.D. well casing 1:38 in.		11, Backfill material	
	C		Other 🗆 🎆
I hereby certify that the information on this		cst of my knowledge.	
Signature W W ( ( ) W)	Firm ()	ONAV IAN	
		with cut	

Please complete both Forms 4400113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin Department of Natural Resources

#### MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wastew Remediation/Redev	/	, Waste Managemen Other	t 🛄		
	County Name Washing		Well Name MW-1		
	County Code	Wis. Unique Well N		DNR We	ell ID Number
<ul> <li>2. Well development method</li> <li>surged with bailer and bailed</li> <li>surged with bailer and pumped</li> <li>surged with block and bailed</li> <li>surged with block and pumped</li> <li>surged with block, bailed and pumped</li> <li>compressed air</li> <li>bailed only</li> <li>pumped only</li> <li>pumped slowly</li> <li>Other</li> </ul>	1 2 2 0 0 0 0 1	<ul> <li>11. Depth to Water (from top of well casing)</li> <li>Date</li> <li>Time</li> <li>12. Sediment in well bottom</li> <li>13. Water clarity</li> </ul>	a <u>1</u> L . b. <u>1</u> L / <u>0</u> Z c <u>9</u> : <u>0</u> (	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \\ \end{array} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} $	$ \underbrace{ \text{After Development}}_{- \perp \perp .0 \& \text{ft.}} $ $ \underbrace{ 22 \downarrow .0 \& \text{ft.}}_{y y m m d d y y y y y} $ $ \underbrace{ 9 : 57 \textcircled{a.m.}_{p m.}}_{- \textcircled{b.} \bigcirc \text{inches}} $ $ \underbrace{ \text{Clear} = 20 \\ \text{Turbid} = 25 $
<ul> <li>4. Depth of well (from top of well casisng)?</li> <li>5. Inside diameter of well?</li> <li>6. Volume of water in filter pack and well?</li> <li>7. Volume of water removed from well?</li> </ul>	8 in.	<ul><li>14. Total suspended solids</li><li>15. COD</li></ul>	PLIMP PCHOR ds were used at NA	<u>d</u> <u>1119</u> nd well is : <u>mg/l</u> <u>1</u> mg/l	(Describe) <u>CLUAY</u> <u>WLAY</u> <u>PCHD</u> at solid waste facility: <u>NA.</u> _mg/1 _NAmg/1
10. Analysis performed on water added?       Image: Yes (If yes, attach results)         17. Additional comments on development:         Surged V4 <sup>II</sup> Fubing d		16. Well developed 1 First Name: Ashle Firm: Cedar Corp	ey poration	Last Nam	n le: Wagner
Name and Address of Facility Contact/Owner/Responsible	Party	I hereby certify the	at the above inf	ormation i	s true and correct to the best

First Name: Dan Last Name: Millis	of my knowledge.
Facility/Firm:	Signature: UDAUL Wald
Street:	Print Name: Ashley Wagner
City/State/Zip: Black River Falls, WI	Firm: Cedar Corporation

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wis., Dept. of Natural Resources dnr.wi.gov

#### Well / Drillhole / Borehole Filling & Sealing Report Page 1 of 2

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

	Route to DNR Bureau:		-
Verification Only of Fill and Seal	Drinking Water	Watershed/Wastewater	Remediation/Redevelopment
	Waste Managemei	nt Other:	
1. Well Location Information		2. Facility / Owner Information	
County WI Unique Well # of	Hicap #	Facility Name	
INAShinaton Removed Well			
	<u> </u>	Facility ID (FID or PWS)	
Latitude / Longitude (see instructions) Format			
N		License/Permit/Monitoring #	
w		-	
1/4 / 1/4 Section Tow	nship Range E	Original Well Owner	
or Gov't Lot #		Millis Transfe	C
Well Street Address		Present Well Owner	
3001 W HOLL HILL Rd		Imillis Transfer	-
Well City, Village or Town	Well ZIP Code	Mailing Address of Present Owner	
Richfield	53076	P.O. BOX 550	
Subdivision Name	Lot #	City of Present Owner	State ZIP Code
	Lotin	BIACK RIVER FAILS	101 54615
Reason for Removal from Service WI Unique Well	# of Replacement Well	4. Pump, Liner, Screen, Casing & S	
ND contamination		Pump and piping removed?	Yes No X N/A
3. Filled & Sealed Well / Drillhole / Borehole	Information	Liner(s) removed?	Yes No XN/A
Original Constructio	n Date (mm/dd/yyyy)	Liner(s) perforated?	Yes No XN/A
	anàa	Screen removed?	Yes 🕅 No 🗍 N/A
Water Well	<u> </u>	Casing left in place?	Yes 🕅 No 🗍 N/A
Borehole / Drillhole   If a Well Construction please attach.	on Report is available,	Was casing cut off below surface?	Yes ☐ No ☐ N/A
Construction Type:		Did sealing material rise to surface?	
Drilled Driven (Sandpoint)	Dug	Did material settle after 24 hours?	
		If yes, was hole retopped?	
Other (specify):	······	If bentonite chips were used, were they I	hydrated
Formation Type:		with water from a known safe source?	
Unconsolidated Formation	ck	Required Method of Placing Sealing Materi	al
Total Well Depth From Ground Surface (ft.) Casing D	Piameter (in.)		tor Pipe-Pumped
ao	25	Screened & Poured Other (E) Other (E)	Explain):
Lower Drillhole Diameter (in.) Casing D	epth (ft.)	Sealing Materials	
3.5"	30	Neat Cement Grout	Concrete
<u>,,,</u>		Sand-Cement (Concrete) Grout	Bentonite Chips
Was well annular space grouted? Yes	🗙 No 📄 Unknown	For Monitoring Wells and Monitoring Well E	
If yes, to what depth (feet)? Depth to Wate	r (feet)		ntonite - Cement Grout
ID.			
MERICE WILLIGHT AND THE CONSTRAINT OF A STATE	•		ntonite - Sand Slurry
5. Material Used to Fill Well / Drillhole		From (ft.) To (ft.) No. Yards, Sacl	
Asphalt		Surface (), Q NM	
318" Bentonite CI	nips	0.2 20 0.3	
·····	<b>V</b>		
6. Comments	ender der Mersternen der Stater im der St		
ID FT OF I" PVC CASIN	aremoved	. Screen remains	in place.
7. Supervision of Work	J. 6. (10. 60)		
	nse # Date of Fill	ng & Sealing or Verification Date Received	DNR Use Only d Noted By
CENT (EXPLATION	(mm/dd/yyy		
Street or Route		ephone Number Comments	<u>enter en </u>
intol N497 MAShinothin	ANP 10	20) 309-2289	
City State	ZIP Code	Signature of Person Doing Work	Date Signed
Cedar Dura Ini	55012	ann(1)	12.08.2022
		uning will re-	
U		v U	



**Groundwater Sampling Log** 

#### **Project Information:**

Project Name: Millis Transfer Richfield	Well ID: MW-1	Date: 11/2/22			
Cedar Project Number: M6838-001	Cedar Representative: Ashley Wagner				
Project Address: 3001 W Holy Hill Rd, Richfield, WI 53076					
Water Quality Meter (Make, Model, S/N): Hanna, HI9813-6, 04240008101					

#### Water Level Information:

Depth to Bottom (ft. below TOC): 19.66	Length of Water Column: 8.61 ft
Depth of Water (ft. below TOC): 11.05	One Well Volume (c*0.08[for 1" dia. Pipe]): 0.69 gal

#### Well Purging Data:

Purge Method: Purge/sample peri pump

Minimum Required Volume: Developed well prior to sampling (16.5 gal)

#### Water Quality Parameters:

Time	Gallons	pН	Cond. (mS/cm)	TDS (ppm)	Temp (°C)	Notes
	Initial					
9:55	16.5	7.1	1	NM	15	color: clear/brown specks
						odor: weak petro
						clarity: clear
				_		
Temp = Degrees Celsuis Cond. = Electrical			Conductivity	TDS = Total [	Dissolved Solids	
Method of sampling: Purge/sample peri pump			Have groundwate	er paramerters	s been met?	
Sample ID:			Yes	No (	NA	
Analysis: PVOCs + Naphthalene			Explaination:		$\bigcirc$	
Sample Time:						
Additional Comments:						



**Groundwater Sampling Log** 

#### **Project Information:**

Project Name: Millis Transfer Richfield	Well ID: PW-1	Date: 11/2/22			
Cedar Project Number: M6838-001	Cedar Representative: Ashley	Wagner			
Project Address: 3001 W Holy Hill Rd, Richfield, WI 53076					
Water Quality Meter (Make, Model, S/N): Hanna, HI9813-6, 04240008101					

#### Water Level Information:

Depth to Bottom (ft. below TOC): NA Depth of Water (ft. below TOC): NA Length of Water Column: NA One Well Volume (c\*0.08[for 1" dia. Pipe]): NA

#### Well Purging Data:

Purge Method: Purge faucet in facility Minimum Required Volume: NA

#### Water Quality Parameters:

Time	Gallons	рН	Cond. (mS/cm)	TDS (ppm)	Temp (°C)	Notes
	Initial					
10:48	NM	7.3	1.36	NM	15.5	color: clear
						odor: none
						clarity: clear
						Turned faucet on, and
						let run for appx 10 min,
						pressure tank turned on
						before sampling.
Temp = De	grees Celsui	S	Cond. = Electrical	Conductivity	TDS = Total [	Dissolved Solids
Method of sampling: Sample spigot at pressure tank			Have groundwat	er paramerter	s been met?	
Sample ID:				Yes	No	NA
Analysis: PVOCs + Naphthalene			Explaination:		$\smile$	
Sample Tin	ne:					
Additional	Comments:					



**Groundwater Sampling Log** 

#### **Project Information:**

Project Name: Millis Transfer Richfield	Well ID: MW-1	Date: 12/2/22		
Cedar Project Number: M6838-001	Cedar Representative: Ashley Wagner			
Project Address: 3001 W Holy Hill Rd, Richfield, WI 53076				
Water Quality Meter (Make, Model, S/N): Hanna, HI9813-6, 04240008101				

Water Level Information:

Depth to Bottom (ft. below TOC): 19.76Length of Water Column: 9.37 ftDepth of Water (ft. below TOC): 10.39One Well Volume (c\*0.08[for 1" dia. Pipe]): 0.75 gal

#### Well Purging Data:

Purge Method: Purge/sample peri pump

Minimum Required Volume: Redeveloped well prior to sampling (15 gal)

#### Water Quality Parameters:

Time	Gallons	pН	Cond. (mS/cm)	TDS (ppm)	Temp (°C)	Notes
	Initial					
9:00	15	7	1.45	NM	11.8	color: clear
						odor: none
						clarity: clear
Temp = De	grees Celsui	S	Cond. = Electrical	Conductivity	TDS = Total [	Dissolved Solids
Method of sampling: Purge/sample peri pump				Have groundwate	r paramerter	s been met?
Sample ID:			Yes	No	NA	
Analysis: PVOCs + Naphthalene			Explaination:		$\bigcirc$	
Sample Time:			· ·			
Additional Comments:						
Additional	comments:					



Attachment C – Photo Log



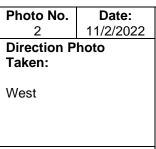
 Client Name: Millis Transfer
 Site Location: Richfield, WI
 Project No. M6838-001

 Photo No.
 Date:
 11/2/2022

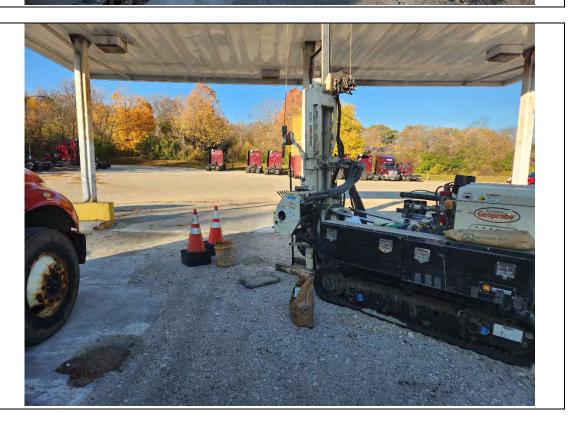
 Direction Photo
 Taken:
 Taken:

 East
 East
 Description:

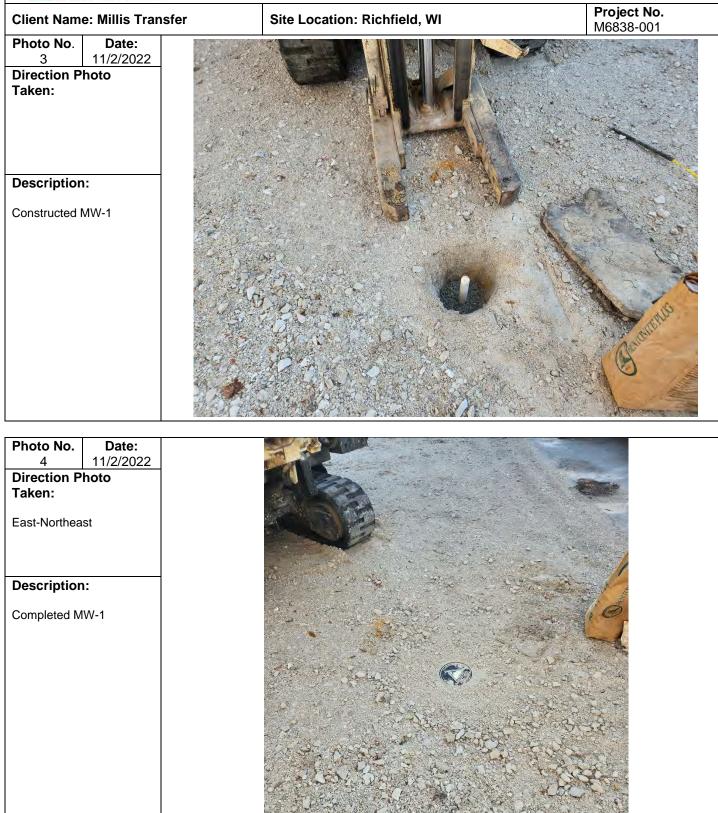
 Drilling MW-1
 Drilling MW-1
 Different of the second of the



Description: Drilling MW-1





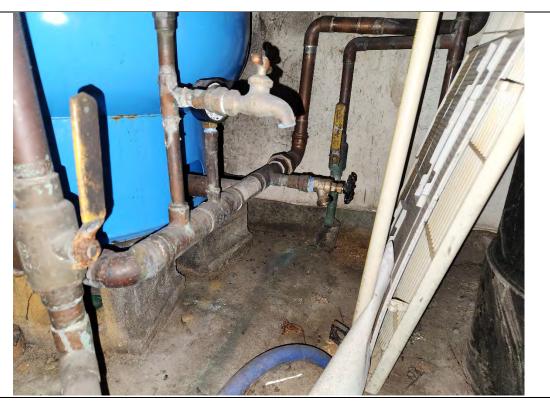




Client Name: Millis Transfer	Site Location: Richfield, WI	Project No. M6838-001
Photo No.       Date:         5       11/2/2022         Direction Photo       Taken:         Southeast       Southeast         Description:       Location of pressure tank, PW-1 sample	<image/>	M6838-001

# Photo No. Date: 6 11/2/2022 Direction Photo Taken: East Description:

Location of pressure tank, PW-1 sample





#### Photo No. Date: 8 12/2/2022 Direction Photo Taken:

West

#### **Description:**

Former tank cavity paved over – MW-1 in sound condition





# PHOTOGRAPH LOG

# Client Name: Millis Transfer Site Location: Richfield, WI Project No. M6838-001 Photo No. Date: 9 12/2/2022 12/2/2022 Direction Photo Taken: East-Southeast Image: Comparison of the second sec



Attachment D – Laboratory Analytical Reports

# 🔅 eurofins

# Environment Testing America

# **ANALYTICAL REPORT**

Eurofins Chicago 2417 Bond Street University Park, IL 60484 Tel: (708)534-5200

# Laboratory Job ID: 500-217596-1

Client Project/Site: Richfield Tank Pull

# For:

LINKS

Review your project results through

EOL

Have a Question?

Ask-

The

www.eurofinsus.com/Env

Visit us at:

Expert

Cedar Corporation 1695 Bellevue Street Green Bay, Wisconsin 54311

Attn: Quin Lenz

and a frederich

Authorized for release by: 6/20/2022 7:46:03 AM

Sandie Fredrick, Project Manager II (920)261-1660 Sandra.Fredrick@et.eurofinsus.com

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary	6
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QC Sample Results	24
Chronicle	28
Certification Summary	32
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# Job ID: 500-217596-1

### Laboratory: Eurofins Chicago

### Narrative

Job Narrative 500-217596-1

**Case Narrative** 

### Comments

No additional comments.

### Receipt

The samples were received on 6/4/2022 9:15 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.6° C.

### GC/MS VOA

Method 8260B: The following sample was diluted due to the abundance of non-target analytes: S-1 (500-217596-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

### Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Job ID: 500-217596-1

# **Detection Summary**

**Client: Cedar Corporation** Project/Site: Richfield Tank Pull

### Job ID: 500-217596-1

# Lab Sample ID: 500-217596-1

Client Sample ID: S-1						Lab Sample ID: 500	)-217596-
Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac D Method	Prep Type
Ethylbenzene	670		29	21	ug/Kg	100 🔅 8260B	Total/NA
1,2,4-Trimethylbenzene	5700		110	41	ug/Kg	100 🌣 8260B	Total/NA
1,3,5-Trimethylbenzene	2500		110	44	ug/Kg	100 🌣 8260B	Total/NA
Xylenes, Total	3300		57	25	ug/Kg	100 🌣 8260B	Total/NA
Client Sample ID: S-2						Lab Sample ID: 500	)-217596-
No Detections.							
Client Sample ID: S-3						Lab Sample ID: 500	)-217596-
No Detections.							
Client Sample ID: S-4						Lab Sample ID: 500	)-217596-
No Detections.							
Client Sample ID: S-5						Lab Sample ID: 500	)-217596-
No Detections.							
Client Sample ID: S-6						Lab Sample ID: 500	)-217596-
No Detections.							
Client Sample ID: S-7						Lab Sample ID: 500	)-217596-
No Detections.							
Client Sample ID: S-8						Lab Sample ID: 500	)-217596-
No Detections.							
Client Sample ID: S-9						Lab Sample ID: 500	)-217596-
No Detections.							
Client Sample ID: S-10						Lab Sample ID: 500-	217596-1
No Detections.							
Client Sample ID: S-11						Lab Sample ID: 500-	217596-1
No Detections.							
Client Sample ID: S-12						Lab Sample ID: 500-	217596-1
Analyte		Qualifier	LOQ		Unit	Dil Fac D Method	Prep Type
Ethylbenzene	1100		15		ug/Kg	50 🌣 8260B	Total/NA
Toluene		JB	15		ug/Kg	50 🌣 8260B	Total/NA
1,2,4-Trimethylbenzene	9400		59		ug/Kg	50 ☆ 8260B	Total/NA
1,3,5-Trimethylbenzene	3100		59		ug/Kg	50 ☆ 8260B	Total/NA
Xylenes, Total	3100		30	13	ug/Kg	50 ☆ 8260B	Total/NA
Client Sample ID: Trip Blan	k					Lab Sample ID: 500-	217596-1
Analyte	Posult	Qualifier	100	וח	Unit	Dil Esc. D. Mothod	Bron Type

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	<b>Р</b> гер Туре
1,2,4-Trimethylbenzene	32	J	50	18	ug/Kg	50	_	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

# **Method Summary**

## Client: Cedar Corporation Project/Site: Richfield Tank Pull

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
5035	Closed System Purge and Trap	SW846	TAL CHI

### **Protocol References:**

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### Laboratory References:

TAL CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

# Sample Summary

# Client: Cedar Corporation Project/Site: Richfield Tank Pull

Job ID:	500-217596-1
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ab Sample ID	Client Sample ID	Matrix	Collected	Received
00-217596-1	S-1	Solid	06/03/22 12:40	06/04/22 09:15
00-217596-2	S-2	Solid	06/03/22 12:45	06/04/22 09:15
00-217596-3	S-3	Solid	06/03/22 12:50	06/04/22 09:15
00-217596-4	S-4	Solid	06/03/22 12:55	06/04/22 09:15
00-217596-5	S-5	Solid	06/03/22 13:00	06/04/22 09:15
00-217596-6	S-6	Solid	06/03/22 13:03	06/04/22 09:15
00-217596-7	S-7	Solid	06/03/22 13:06	06/04/22 09:15
00-217596-8	S-8	Solid	06/03/22 13:10	06/04/22 09:15
00-217596-9	S-9	Solid	06/03/22 13:15	06/04/22 09:15
00-217596-10	S-10	Solid	06/03/22 13:20	06/04/22 09:15
00-217596-11	S-11	Solid	06/03/22 13:25	06/04/22 09:15
00-217596-12	S-12	Solid	06/03/22 13:30	06/04/22 09:15
00-217596-13	Trip Blank	Solid	06/03/22 10:00	06/04/22 09:15

# Client Sample ID: S-1 Date Collected: 06/03/22 12:40 Date Received: 06/04/22 09:15

Joh	ın	500-217596-1
000	ID.	300-217330-1

# Lab Sample ID: 500-217596-1

Matrix: Solid Percent Solids: 92.7

5

7

Method: 8260B - Volatile O	rganic Compoι	unds (GC/	MS)						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<17		29	17	ug/Kg	☆	06/03/22 12:40	06/16/22 12:08	100
Ethylbenzene	670		29	21	ug/Kg	¢	06/03/22 12:40	06/16/22 12:08	100
Methyl tert-butyl ether	<45		110	45	ug/Kg	¢	06/03/22 12:40	06/16/22 12:08	100
Naphthalene	<38		110	38	ug/Kg	¢	06/03/22 12:40	06/16/22 12:08	100
Toluene	<17		29	17	ug/Kg	₽	06/03/22 12:40	06/16/22 12:08	100
1,2,4-Trimethylbenzene	5700		110	41	ug/Kg	₽	06/03/22 12:40	06/16/22 12:08	100
1,3,5-Trimethylbenzene	2500		110	44	ug/Kg	¢	06/03/22 12:40	06/16/22 12:08	100
Xylenes, Total	3300		57	25	ug/Kg	¢	06/03/22 12:40	06/16/22 12:08	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124				06/03/22 12:40	06/16/22 12:08	100
Dibromofluoromethane (Surr)	89		75 - 120				06/03/22 12:40	06/16/22 12:08	100
1,2-Dichloroethane-d4 (Surr)	85		75 - 126				06/03/22 12:40	06/16/22 12:08	100
Toluene-d8 (Surr)	96		75 - 120				06/03/22 12:40	06/16/22 12:08	100

# Client Sample ID: S-2 Date Collected: 06/03/22 12:45 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1

# Lab Sample ID: 500-217596-2 Matrix: Solid

Percent Solids: 92.2

5

7

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.5		15	8.5	ug/Kg	₽	06/03/22 12:45	06/16/22 12:33	50
Ethylbenzene	<11		15	11	ug/Kg	¢	06/03/22 12:45	06/16/22 12:33	50
Methyl tert-butyl ether	<23		58	23	ug/Kg	₽	06/03/22 12:45	06/16/22 12:33	50
Naphthalene	<19		58	19	ug/Kg	¢	06/03/22 12:45	06/16/22 12:33	50
Toluene	<8.5		15	8.5	ug/Kg	¢	06/03/22 12:45	06/16/22 12:33	50
1,2,4-Trimethylbenzene	<21		58	21	ug/Kg	¢	06/03/22 12:45	06/16/22 12:33	50
1,3,5-Trimethylbenzene	<22		58	22	ug/Kg		06/03/22 12:45	06/16/22 12:33	50
Xylenes, Total	<13		29	13	ug/Kg	₽	06/03/22 12:45	06/16/22 12:33	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124				06/03/22 12:45	06/16/22 12:33	50
Dibromofluoromethane (Surr)	89		75 - 120				06/03/22 12:45	06/16/22 12:33	50
1,2-Dichloroethane-d4 (Surr)	84		75 - 126				06/03/22 12:45	06/16/22 12:33	50
Toluene-d8 (Surr)	95		75 - 120				06/03/22 12:45	06/16/22 12:33	50

# Client Sample ID: S-3 Date Collected: 06/03/22 12:50 Date Received: 06/04/22 09:15

Job ID: 500-217596-2	1
----------------------	---

# Lab Sample ID: 500-217596-3 Matrix: Solid

Percent Solids: 91.9

5

7

Method: 8260B - Volatile O	•	•	•						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.6		15	8.6	ug/Kg	¢	06/03/22 12:50	06/16/22 12:59	50
Ethylbenzene	<11		15	11	ug/Kg	¢	06/03/22 12:50	06/16/22 12:59	50
Methyl tert-butyl ether	<23		59	23	ug/Kg	¢	06/03/22 12:50	06/16/22 12:59	50
Naphthalene	<20		59	20	ug/Kg	¢	06/03/22 12:50	06/16/22 12:59	50
Toluene	<8.6		15	8.6	ug/Kg	¢	06/03/22 12:50	06/16/22 12:59	50
1,2,4-Trimethylbenzene	<21		59	21	ug/Kg	¢	06/03/22 12:50	06/16/22 12:59	50
1,3,5-Trimethylbenzene	<22		59	22	ug/Kg	¢	06/03/22 12:50	06/16/22 12:59	50
Xylenes, Total	<13		29	13	ug/Kg	¢	06/03/22 12:50	06/16/22 12:59	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124				06/03/22 12:50	06/16/22 12:59	50
Dibromofluoromethane (Surr)	87		75 - 120				06/03/22 12:50	06/16/22 12:59	50
1,2-Dichloroethane-d4 (Surr)	84		75 - 126				06/03/22 12:50	06/16/22 12:59	50
Toluene-d8 (Surr)	98		75 - 120				06/03/22 12:50	06/16/22 12:59	50

# Client Sample ID: S-4 Date Collected: 06/03/22 12:55 Date Received: 06/04/22 09:15

loh	יחו	500-217596-1
JOD	ID:	500-217596-1

# Lab Sample ID: 500-217596-4 Matrix: Solid

Percent Solids: 91.9

5

7

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.6		15	8.6	ug/Kg	₽	06/03/22 12:55	06/16/22 13:25	50
Ethylbenzene	<11		15	11	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
Methyl tert-butyl ether	<23		59	23	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
Naphthalene	<20		59	20	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
Toluene	<8.6		15	8.6	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
1,2,4-Trimethylbenzene	<21		59	21	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
1,3,5-Trimethylbenzene	<22		59	22	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
Xylenes, Total	<13		29	13	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124				06/03/22 12:55	06/16/22 13:25	50
Dibromofluoromethane (Surr)	86		75 - 120				06/03/22 12:55	06/16/22 13:25	50
1,2-Dichloroethane-d4 (Surr)	85		75 - 126				06/03/22 12:55	06/16/22 13:25	50
Toluene-d8 (Surr)	96		75 - 120				06/03/22 12:55	06/16/22 13:25	50

# Client Sample ID: S-5 Date Collected: 06/03/22 13:00 Date Received: 06/04/22 09:15

Toluene-d8 (Surr)

Method: 8260B - Volatile Or	ganic Compo	unds (GC/	MS)						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.6		15	8.6	ug/Kg	₽	06/03/22 13:00	06/16/22 13:51	50
Ethylbenzene	<11		15	11	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
Methyl tert-butyl ether	<23		59	23	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
Naphthalene	<20		59	20	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
Toluene	<8.7		15	8.7	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
1,2,4-Trimethylbenzene	<21		59	21	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
1,3,5-Trimethylbenzene	<22		59	22	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
Xylenes, Total	<13		30	13	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		72 - 124				06/03/22 13:00	06/16/22 13:51	50
Dibromofluoromethane (Surr)	87		75 - 120				06/03/22 13:00	06/16/22 13:51	50
1,2-Dichloroethane-d4 (Surr)	85		75 - 126				06/03/22 13:00	06/16/22 13:51	50

75 - 120

96

Job ID: 500-217596-1

# Lab Sample ID: 500-217596-5 Matrix: Solid

06/03/22 13:00 06/16/22 13:51

Percent Solids: 91.4

5

6 7 8

13

50

# Client Sample ID: S-6 Date Collected: 06/03/22 13:03 Date Received: 06/04/22 09:15

.loh	ıD·	500-21	7596-1
000	ID.	000-Z I	1 3 3 0 - 1

# Lab Sample ID: 500-217596-6 Matrix: Solid

Percent Solids: 92.2

5

7

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.4		14	8.4	ug/Kg	¢	06/03/22 13:03	06/16/22 14:17	50
Ethylbenzene	<11		14	11	ug/Kg	¢	06/03/22 13:03	06/16/22 14:17	50
Methyl tert-butyl ether	<23		58	23	ug/Kg	¢	06/03/22 13:03	06/16/22 14:17	50
Naphthalene	<19		58	19	ug/Kg	₽	06/03/22 13:03	06/16/22 14:17	50
Toluene	<8.5		14	8.5	ug/Kg	¢	06/03/22 13:03	06/16/22 14:17	50
1,2,4-Trimethylbenzene	<21		58	21	ug/Kg	¢	06/03/22 13:03	06/16/22 14:17	50
1,3,5-Trimethylbenzene	<22		58	22	ug/Kg	₽	06/03/22 13:03	06/16/22 14:17	50
Xylenes, Total	<13		29	13	ug/Kg	¢	06/03/22 13:03	06/16/22 14:17	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 124				06/03/22 13:03	06/16/22 14:17	50
Dibromofluoromethane (Surr)	85		75 - 120				06/03/22 13:03	06/16/22 14:17	50
1,2-Dichloroethane-d4 (Surr)	83		75 - 126				06/03/22 13:03	06/16/22 14:17	50
Toluene-d8 (Surr)	97		75 - 120				06/03/22 13:03	06/16/22 14:17	50

# Client Sample ID: S-7 Date Collected: 06/03/22 13:06 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1

# Lab Sample ID: 500-217596-7 Matrix: Solid

Percent Solids: 91.4

5

7

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.6		15	8.6	ug/Kg	¢	06/03/22 13:06	06/16/22 14:42	50
Ethylbenzene	<11		15	11	ug/Kg	₽	06/03/22 13:06	06/16/22 14:42	50
Methyl tert-butyl ether	<23		59	23	ug/Kg	₽	06/03/22 13:06	06/16/22 14:42	50
Naphthalene	<20		59	20	ug/Kg	₽	06/03/22 13:06	06/16/22 14:42	50
Toluene	<8.6		15	8.6	ug/Kg	₽	06/03/22 13:06	06/16/22 14:42	50
1,2,4-Trimethylbenzene	<21		59	21	ug/Kg	¢	06/03/22 13:06	06/16/22 14:42	50
1,3,5-Trimethylbenzene	<22		59	22	ug/Kg	₽	06/03/22 13:06	06/16/22 14:42	50
Xylenes, Total	<13		29	13	ug/Kg	¢	06/03/22 13:06	06/16/22 14:42	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		72 - 124				06/03/22 13:06	06/16/22 14:42	50
Dibromofluoromethane (Surr)	87		75 - 120				06/03/22 13:06	06/16/22 14:42	50
1,2-Dichloroethane-d4 (Surr)	84		75 - 126				06/03/22 13:06	06/16/22 14:42	50
Toluene-d8 (Surr)	97		75 - 120				06/03/22 13:06	06/16/22 14:42	50

# Client Sample ID: S-8 Date Collected: 06/03/22 13:10 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1

# Lab Sample ID: 500-217596-8 Matrix: Solid

Percent Solids: 92.8

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Method: 8260B - Volatile Or Analyte	•	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene		quamer	14		ug/Kg	— <u>–</u>	06/03/22 13:10		50
					0 0				
Ethylbenzene	<11		14		ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
Methyl tert-butyl ether	<23		58	23	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
Naphthalene	<19		58	19	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
Toluene	<8.5		14	8.5	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
1,2,4-Trimethylbenzene	<21		58	21	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
1,3,5-Trimethylbenzene	<22		58	22	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
Xylenes, Total	<13		29	13	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124				06/03/22 13:10	06/16/22 15:08	50
Dibromofluoromethane (Surr)	89		75 - 120				06/03/22 13:10	06/16/22 15:08	50
1,2-Dichloroethane-d4 (Surr)	86		75 - 126				06/03/22 13:10	06/16/22 15:08	50
Toluene-d8 (Surr)	98		75 - 120				06/03/22 13:10	06/16/22 15:08	50

# Client Sample ID: S-9 Date Collected: 06/03/22 13:15 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1
000		000 2110000 1

# Lab Sample ID: 500-217596-9

Matrix: Solid Percent Solids: 90.1

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Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.9		15	8.9	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
Ethylbenzene	<11		15	11	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
Methyl tert-butyl ether	<24		61	24	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
Naphthalene	<20		61	20	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
Toluene	<8.9		15	8.9	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
1,2,4-Trimethylbenzene	<22		61	22	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
1,3,5-Trimethylbenzene	<23		61	23	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
Xylenes, Total	<13		30	13	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		72 - 124				06/03/22 13:15	06/16/22 15:33	50
Dibromofluoromethane (Surr)	86		75 - 120				06/03/22 13:15	06/16/22 15:33	50
1,2-Dichloroethane-d4 (Surr)	83		75 - 126				06/03/22 13:15	06/16/22 15:33	50
Toluene-d8 (Surr)	96		75 - 120				06/03/22 13:15	06/16/22 15:33	50

# Client Sample ID: S-10 Date Collected: 06/03/22 13:20 Date Received: 06/04/22 09:15

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000	ю.	200-21	1000-1

# Lab Sample ID: 500-217596-10 Matrix: Solid

Percent Solids: 91.7

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Method: 8260B - Volatile O	rganic Compo	unds (GC/	MS)						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.7		15	8.7	ug/Kg	<u></u>	06/03/22 13:20	06/16/22 15:58	50
Ethylbenzene	<11		15	11	ug/Kg	₽	06/03/22 13:20	06/16/22 15:58	50
Methyl tert-butyl ether	<24		60	24	ug/Kg	₽	06/03/22 13:20	06/16/22 15:58	50
Naphthalene	<20		60	20	ug/Kg	₽	06/03/22 13:20	06/16/22 15:58	50
Toluene	<8.8		15	8.8	ug/Kg	₽	06/03/22 13:20	06/16/22 15:58	50
1,2,4-Trimethylbenzene	<21		60	21	ug/Kg	₽	06/03/22 13:20	06/16/22 15:58	50
1,3,5-Trimethylbenzene	<23		60	23	ug/Kg	⇔	06/03/22 13:20	06/16/22 15:58	50
Xylenes, Total	<13		30	13	ug/Kg	¢	06/03/22 13:20	06/16/22 15:58	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 124				06/03/22 13:20	06/16/22 15:58	50
Dibromofluoromethane (Surr)	84		75 - 120				06/03/22 13:20	06/16/22 15:58	50
1,2-Dichloroethane-d4 (Surr)	84		75 - 126				06/03/22 13:20	06/16/22 15:58	50
Toluene-d8 (Surr)	99		75 - 120				06/03/22 13:20	06/16/22 15:58	50

# Client Sample ID: S-11 Date Collected: 06/03/22 13:25 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1
000		000 2110000 1

# Lab Sample ID: 500-217596-11 Matrix: Solid

Percent Solids: 90.8

Method: 8260B - Volatile O	ganic Compo	unds (GC/	MS)						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.8		15	8.8	ug/Kg	<u></u>	06/03/22 13:25	06/16/22 16:23	50
Ethylbenzene	<11		15	11	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
Methyl tert-butyl ether	<24		60	24	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
Naphthalene	<20		60	20	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
Toluene	<8.9		15	8.9	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
1,2,4-Trimethylbenzene	<22		60	22	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
1,3,5-Trimethylbenzene	<23		60	23	ug/Kg	₽	06/03/22 13:25	06/16/22 16:23	50
Xylenes, Total	<13		30	13	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		72 - 124				06/03/22 13:25	06/16/22 16:23	50
Dibromofluoromethane (Surr)	89		75 - 120				06/03/22 13:25	06/16/22 16:23	50
1,2-Dichloroethane-d4 (Surr)	87		75 - 126				06/03/22 13:25	06/16/22 16:23	50
Toluene-d8 (Surr)	96		75 - 120				06/03/22 13:25	06/16/22 16:23	50

# **Client Sample Results**

# Client Sample ID: S-12 Date Collected: 06/03/22 13:30 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1

# Lab Sample ID: 500-217596-12 Matrix: Solid

Percent Solids: 91.7

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Method: 8260B - Volatile O	rganic Compo	unds (GC/	MS)						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.6		15	8.6	ug/Kg	₽	06/03/22 13:30	06/16/22 16:50	50
Ethylbenzene	1100		15	11	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
Methyl tert-butyl ether	<23		59	23	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
Naphthalene	<20		59	20	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
Toluene	12	JB	15	8.7	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
1,2,4-Trimethylbenzene	9400		59	21	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
1,3,5-Trimethylbenzene	3100		59	23	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
Xylenes, Total	3100		30	13	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		72 - 124				06/03/22 13:30	06/16/22 16:50	50
Dibromofluoromethane (Surr)	88		75 - 120				06/03/22 13:30	06/16/22 16:50	50
1,2-Dichloroethane-d4 (Surr)	86		75 - 126				06/03/22 13:30	06/16/22 16:50	50
Toluene-d8 (Surr)	99		75 - 120				06/03/22 13:30	06/16/22 16:50	50

# **Client Sample Results**

Toluene-d8 (Surr)

# **Client Sample ID: Trip Blank** Date Collected: 06/03/22 10:00 Date Received: 06/04/22 0

Date Collected: 06/03/22 10:	00			-	Matrix	: Solid
Date Received: 06/04/22 09:	15					
Method: 8260B - Volatile O	rganic Compounds (GC/M	S)				
Analyte	Result Qualifier	LOQ	DL Unit	D Prepared	Analyzed	Dil Fac
Benzene	<7.3	13	7.3 ug/Kg	06/03/22 10:0	06/16/22 17:17	50
Ethylbonzone	<0.0	10		06/02/22 10:0	06/16/00 17:17	50

1,2-Dichloroethane-d4 (Surr)	85	75 - 126		06/03/22 10:00	06/16/22 17:17	50
Dibromofluoromethane (Surr)	86	75 - 120		06/03/22 10:00	06/16/22 17:17	50
4-Bromofluorobenzene (Surr)	97	72 - 124		06/03/22 10:00	06/16/22 17:17	50
Surrogate	%Recovery Qualifier	Limits		Prepared	Analyzed	Dil Fac
Xylenes, Total	<11	25	11 ug/Kg	06/03/22 10:00	06/16/22 17:17	50
1,3,5-Trimethylbenzene	<19	50	19 ug/Kg	06/03/22 10:00	06/16/22 17:17	50
1,2,4-Trimethylbenzene	32 J	50	18 ug/Kg	06/03/22 10:00	06/16/22 17:17	50
Toluene	<7.4	13	7.4 ug/Kg	06/03/22 10:00	06/16/22 17:17	50
Naphthalene	<17	50	17 ug/Kg	06/03/22 10:00	06/16/22 17:17	50
Methyl tert-butyl ether	<20	50	20 ug/Kg	06/03/22 10:00	06/16/22 17:17	50
Ethylbenzene	<9.2	13	9.2 ug/Kg	06/03/22 10:00	06/16/22 17:17	50
			00			

75 - 120

96

7

50

Lab Sample ID: 500-217596-13

06/03/22 10:00 06/16/22 17:17

# **Definitions/Glossary**

8

# Qualifiers

GC/MS VO	Α	
Qualifier	Qualifier Description	
В	Compound was found in the blank and sample.	
J	Reported value was between the limit of detection and the limit of quantitation.	5

# Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# GC/MS VOA

# Prep Batch: 661137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217596-1	S-1	Total/NA	Solid	5035	
500-217596-2	S-2	Total/NA	Solid	5035	
500-217596-3	S-3	Total/NA	Solid	5035	
500-217596-4	S-4	Total/NA	Solid	5035	
500-217596-5	S-5	Total/NA	Solid	5035	
500-217596-6	S-6	Total/NA	Solid	5035	
500-217596-7	S-7	Total/NA	Solid	5035	
500-217596-8	S-8	Total/NA	Solid	5035	
500-217596-9	S-9	Total/NA	Solid	5035	
500-217596-10	S-10	Total/NA	Solid	5035	
500-217596-11	S-11	Total/NA	Solid	5035	
500-217596-12	S-12	Total/NA	Solid	5035	
500-217596-13	Trip Blank	Total/NA	Solid	5035	
LB3 500-661137/21-A	Method Blank	Total/NA	Solid	5035	
LCS 500-661137/22-A	Lab Control Sample	Total/NA	Solid	5035	
500-217596-2 MS	S-2	Total/NA	Solid	5035	
500-217596-2 MSD	S-2	Total/NA	Solid	5035	

# Analysis Batch: 661273

Lab Sample ID LB3 500-661137/21-A	Client Sample ID Method Blank	Prep Type Total/NA	Matrix Solid	Method 8260B	Prep Batch 661137	
MB 500-661273/6	Method Blank	Total/NA	Solid	8260B		
LCS 500-661137/22-A	Lab Control Sample	Total/NA	Solid	8260B	661137	
LCS 500-661273/4	Lab Control Sample	Total/NA	Solid	8260B		

# Analysis Batch: 661438

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
500-217596-1	S-1	Total/NA	Solid	8260B	661137
500-217596-2	S-2	Total/NA	Solid	8260B	661137
500-217596-3	S-3	Total/NA	Solid	8260B	661137
500-217596-4	S-4	Total/NA	Solid	8260B	661137
500-217596-5	S-5	Total/NA	Solid	8260B	661137
500-217596-6	S-6	Total/NA	Solid	8260B	661137
500-217596-7	S-7	Total/NA	Solid	8260B	661137
500-217596-8	S-8	Total/NA	Solid	8260B	661137
500-217596-9	S-9	Total/NA	Solid	8260B	661137
500-217596-10	S-10	Total/NA	Solid	8260B	661137
500-217596-11	S-11	Total/NA	Solid	8260B	661137
500-217596-12	S-12	Total/NA	Solid	8260B	661137
500-217596-13	Trip Blank	Total/NA	Solid	8260B	661137
MB 500-661438/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-661438/4	Lab Control Sample	Total/NA	Solid	8260B	
500-217596-2 MS	S-2	Total/NA	Solid	8260B	661137
500-217596-2 MSD	S-2	Total/NA	Solid	8260B	661137

# **General Chemistry**

# Analysis Batch: 659958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217596-1	S-1	Total/NA	Solid	Moisture	
500-217596-2	S-2	Total/NA	Solid	Moisture	

# **QC Association Summary**

# **General Chemistry (Continued)**

# Analysis Batch: 659958 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217596-3	S-3	Total/NA	Solid	Moisture	
500-217596-4	S-4	Total/NA	Solid	Moisture	
500-217596-5	S-5	Total/NA	Solid	Moisture	
500-217596-6	S-6	Total/NA	Solid	Moisture	
500-217596-7	S-7	Total/NA	Solid	Moisture	
500-217596-8	S-8	Total/NA	Solid	Moisture	
500-217596-9	S-9	Total/NA	Solid	Moisture	
500-217596-10	S-10	Total/NA	Solid	Moisture	
500-217596-11	S-11	Total/NA	Solid	Moisture	
500-217596-12	S-12	Total/NA	Solid	Moisture	

# **Surrogate Summary**

# Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

# Prep Type: Total/NA

TOL
) (75-120)
96
95
99
99
98
96
96
97
97
98
96
99
96
99
96
97
98
111
98
98
98

### Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

# Method: 8260B - Volatile Organic Compounds (GC/MS)

### Lab Sample ID: LB3 500-661137/21-A Matrix: Solid Analysis Batch: 661273

-	LB3	LB3							
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<7.3		13	7.3	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
Naphthalene	<17		50	17	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
Toluene	9.92	J	13	7.4	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
Xylenes, Total	<11		25	11	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
	LB3	LB3							

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		72 - 124	06/14/22 11:30	06/15/22 15:59	50
Dibromofluoromethane (Surr)	102		75 - 120	06/14/22 11:30	06/15/22 15:59	50
1,2-Dichloroethane-d4 (Surr)	107		75 - 126	06/14/22 11:30	06/15/22 15:59	50
Toluene-d8 (Surr)	97		75 - 120	06/14/22 11:30	06/15/22 15:59	50

### Lab Sample ID: LCS 500-661137/22-A Matrix: Solid Analysis Batch: 661273

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	2500	2570		ug/Kg		103	70 - 120
Ethylbenzene	2500	2540		ug/Kg		101	70 - 123
Methyl tert-butyl ether	2500	2870		ug/Kg		115	55 - 123
Naphthalene	2500	3400		ug/Kg		136	53 - 144
Toluene	2500	2440		ug/Kg		98	70 - 125
1,2,4-Trimethylbenzene	2500	2590		ug/Kg		103	70 - 123
1,3,5-Trimethylbenzene	2500	2650		ug/Kg		106	70 - 123
Xylenes, Total	5000	5000		ug/Kg		100	70 - 125

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		72 - 124
Dibromofluoromethane (Surr)	108		75 - 120
1,2-Dichloroethane-d4 (Surr)	110		75 - 126
Toluene-d8 (Surr)	98		75 - 120

### Lab Sample ID: 500-217596-2 MS Matrix: Solid Analysis Batch: 661438

Analysis Batch: 661438	Sample	Sample	Spike	MS	MS				Prep Batch: 661137 %Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<8.5		2900	2680		ug/Kg	¢	92	70 - 120
Ethylbenzene	<11		2900	2940		ug/Kg	₽	101	70 - 123
Methyl tert-butyl ether	<23		2900	2310		ug/Kg	¢	80	55 - 123
Naphthalene	<19		2900	2370		ug/Kg	₽	82	53 - 144
Toluene	<8.5		2900	2790		ug/Kg	¢	96	70 - 125
1,2,4-Trimethylbenzene	<21		2900	2930		ug/Kg	¢	101	70 - 123
1,3,5-Trimethylbenzene	<22		2900	3060		ug/Kg	₽	105	70 - 123
Xylenes, Total	<13		5800	5690		ug/Kg	¢	98	70 - 125

**Eurofins Chicago** 

**Client Sample ID: S-2** 

**Prep Type: Total/NA** 

5 6 7

11

2

### **Client Sample ID: Method Blank** Prep Type: Total/NA Prep Batch: 661137

Prep Batch: 661137

Prep Type: Total/NA

**Client Sample ID: Lab Control Sample** 

# **QC Sample Results**

# Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

	MS	MS				
Surrogate	%Recovery	Qualifier	Limits			
4-Bromofluorobenzene (Surr)	96		72 - 124			
Dibromofluoromethane (Surr)	90		75 - 120			
1,2-Dichloroethane-d4 (Surr)	83		75 - 126			
Toluene-d8 (Surr)	99		75 - 120			

### Lab Sample ID: 500-217596-2 MSD Matrix: Solid Analysis Batch: 661438

Analysis Batch: 661438									Prep Ba	atch: 60	61137
-	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<8.5		2900	2450		ug/Kg	¢	85	70 - 120	9	30
Ethylbenzene	<11		2900	2720		ug/Kg	¢	94	70 - 123	8	30
Methyl tert-butyl ether	<23		2900	2120		ug/Kg	¢	73	55 - 123	9	30
Naphthalene	<19		2900	2630		ug/Kg	₽	91	53 - 144	10	30
Toluene	<8.5		2900	2640		ug/Kg	¢	91	70 - 125	6	30
1,2,4-Trimethylbenzene	<21		2900	2720		ug/Kg	¢	94	70 - 123	7	30
1,3,5-Trimethylbenzene	<22		2900	2830		ug/Kg	¢	98	70 - 123	8	30
Xylenes, Total	<13		5800	5250		ug/Kg	¢	90	70 - 125	8	30
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								

	III OD	MICD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		72 - 124
Dibromofluoromethane (Surr)	88		75 - 120
1,2-Dichloroethane-d4 (Surr)	82		75 - 126
Toluene-d8 (Surr)	99		75 - 120

< 0.38

< 0.22

# Lab Sample ID: MB 500-661273/6 Matrix: Solid

1,3,5-Trimethylbenzene

Xylenes, Total

### Analysis Batch: 661273 MB MB Analyte **Result Qualifier** LOQ DL Unit D Prepared Analyzed Dil Fac Benzene <0.15 0.25 0.15 ug/Kg 06/15/22 12:46 0.18 ug/Kg Ethylbenzene <0.18 0.25 06/15/22 12:46 Methyl tert-butyl ether < 0.39 1.0 0.39 ug/Kg 06/15/22 12:46 Naphthalene < 0.33 1.0 0.33 ug/Kg 06/15/22 12:46 Toluene <0.15 0.25 0.15 ug/Kg 06/15/22 12:46 1,2,4-Trimethylbenzene 06/15/22 12:46 < 0.36 1.0 0.36 ug/Kg

	MB N	ИВ				
Surrogate	%Recovery G	Qualifier Li	mits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112	72	2 - 124		06/15/22 12:46	1
Dibromofluoromethane (Surr)	106	75	5 - 120		06/15/22 12:46	1
1,2-Dichloroethane-d4 (Surr)	107	75	5 - 126		06/15/22 12:46	1
Toluene-d8 (Surr)	98	75	5 - 120		06/15/22 12:46	1

1.0

0.50

0.38 ug/Kg

0.22 ug/Kg

### Lab Sample ID: LCS 500-661273/4 **Client Sample ID: Lab Control Sample** Matrix: Solid Prep Type: Total/NA Analysis Batch: 661273 Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits Benzene 50.0 46.9 94 70 - 120 ug/Kg

**Eurofins Chicago** 

Job ID: 500-217596-1

**Client Sample ID: S-2** 

Prep Type: Total/NA

# **Client Sample ID: Method Blank** Prep Type: Total/NA

06/15/22 12:46

06/15/22 12:46

Page 25 of 35

1

1

1

1

1

1

1

1

# Job ID: 500-217596-1

Prep Type: Total/NA

5

11

12 13

**Client Sample ID: Lab Control Sample** 

**Client Sample ID: Method Blank** 

Prep Type: Total/NA

# Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

### Lab Sample ID: LCS 500-661273/4 Matrix: Solid

# Analysis Batch: 661273

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Ethylbenzene	50.0	49.6		ug/Kg		99	70 - 123
Methyl tert-butyl ether	50.0	45.4		ug/Kg		91	55 - 123
Naphthalene	50.0	61.1		ug/Kg		122	53 - 144
Toluene	50.0	49.4		ug/Kg		99	70 - 125
1,2,4-Trimethylbenzene	50.0	52.0		ug/Kg		104	70 - 123
1,3,5-Trimethylbenzene	50.0	54.1		ug/Kg		108	70 - 123
Xylenes, Total	100	97.3		ug/Kg		97	70 - 125

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		72 - 124
Dibromofluoromethane (Surr)	105		75 - 120
1,2-Dichloroethane-d4 (Surr)	110		75 - 126
Toluene-d8 (Surr)	111		75 - 120

### Lab Sample ID: MB 500-661438/6 Matrix: Solid Analysis Batch: 661438

MB MB							
sult Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
0.15	0.25	0.15	ug/Kg			06/16/22 11:41	1
0.18	0.25	0.18	ug/Kg			06/16/22 11:41	1
).39	1.0	0.39	ug/Kg			06/16/22 11:41	1
).33	1.0	0.33	ug/Kg			06/16/22 11:41	1
0.15	0.25	0.15	ug/Kg			06/16/22 11:41	1
0.36	1.0	0.36	ug/Kg			06/16/22 11:41	1
).38	1.0	0.38	ug/Kg			06/16/22 11:41	1
).22	0.50	0.22	ug/Kg			06/16/22 11:41	1
	MB         MB           sult         Qualifier           0.15	Sult         Qualifier         LOQ           0.15         0.25         0.25           0.18         0.25         0.39           0.33         1.0           0.15         0.25           0.36         1.0           0.38         1.0	SultQualifierLOQDL0.150.250.150.180.250.180.391.00.390.331.00.330.150.250.150.361.00.360.381.00.38	Qualifier         LOQ         DL         Unit           0.15         0.25         0.15         ug/Kg           0.18         0.25         0.18         ug/Kg           0.39         1.0         0.39         ug/Kg           0.33         1.0         0.33         ug/Kg           0.15         0.25         0.15         ug/Kg           0.36         1.0         0.36         ug/Kg           0.38         1.0         0.38         ug/Kg	Sult         Qualifier         LOQ         DL         Unit         D           0.15         0.25         0.15         ug/Kg         D           0.18         0.25         0.18         ug/Kg         D           0.39         1.0         0.39         ug/Kg         D           0.33         1.0         0.33         ug/Kg         D           0.15         0.25         0.15         ug/Kg         D           0.36         1.0         0.36         ug/Kg         D           0.38         1.0         0.38         ug/Kg         D	Sult         Qualifier         LOQ         DL         Unit         D         Prepared           0.15         0.25         0.15         ug/Kg         0	Qualifier         LOQ         DL         Unit         D         Prepared         Analyzed           0.15         0.25         0.15         ug/Kg         06/16/22 11:41         06/16/22 11:41           0.18         0.25         0.18         ug/Kg         06/16/22 11:41         06/16/22 11:41           0.39         1.0         0.39         ug/Kg         06/16/22 11:41         06/16/22 11:41           0.33         1.0         0.33         ug/Kg         06/16/22 11:41         06/16/22 11:41           0.15         0.25         0.15         ug/Kg         06/16/22 11:41         06/16/22 11:41           0.36         1.0         0.36         ug/Kg         06/16/22 11:41           0.38         1.0         0.38         ug/Kg         06/16/22 11:41

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 124		06/16/22 11:41	1
Dibromofluoromethane (Surr)	86		75 - 120		06/16/22 11:41	1
1,2-Dichloroethane-d4 (Surr)	84		75 - 126		06/16/22 11:41	1
Toluene-d8 (Surr)	98		75 - 120		06/16/22 11:41	1

# Lab Sample ID: LCS 500-661438/4 Matrix: Solid Analysis Batch: 661438

### **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	50.0	54.3		ug/Kg		109	70 - 120	
Ethylbenzene	50.0	60.0		ug/Kg		120	70 - 123	
Methyl tert-butyl ether	50.0	46.0		ug/Kg		92	55 - 123	
Naphthalene	50.0	48.3		ug/Kg		97	53 - 144	
Toluene	50.0	56.1		ug/Kg		112	70 - 125	
1,2,4-Trimethylbenzene	50.0	59.1		ug/Kg		118	70 - 123	
1,3,5-Trimethylbenzene	50.0	61.4		ug/Kg		123	70 - 123	
Xylenes, Total	100	117		ug/Kg		117	70 - 125	

Toluene-d8 (Surr)

# Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

98

Lab Sample ID: LCS 500- Matrix: Solid Analysis Batch: 661438	661438/4			Client Sample ID: Lab Contro Prep Type:
Analysis Batch. 001430	LCS	LCS		
Surrogate	%Recovery	Qualifier	Limits	
4-Bromofluorobenzene (Surr)	90		72 - 124	
Dibromofluoromethane (Surr)	91		75 - 120	
1,2-Dichloroethane-d4 (Surr)	81		75 - 126	

75 - 120

12

### Lab Sample ID: 500-217596-1 Client Sample ID: S-1 Date Collected: 06/03/22 12:40 Matrix: Solid Date Received: 06/04/22 09:15 Batch Dilution Ratch Batch Prepared Method Factor or Analyzed Prep Type Type Run Number Analyst Lab Total/NA 06/06/22 12:08 LWN TAL CHI Analysis Moisture 659958 **Client Sample ID: S-1** Lab Sample ID: 500-217596-1 Date Collected: 06/03/22 12:40 Matrix: Solid Date Received: 06/04/22 09:15 Percent Solids: 92.7 Batch Batch Dilution Batch Prepared Prep Type Type Method Run Factor Number or Analyzed Analyst Lab Total/NA Prep 5035 661137 06/03/22 12:40 WRF TAL CHI Total/NA Analysis 8260B 100 661438 06/16/22 12:08 W1T TAL CHI **Client Sample ID: S-2** Lab Sample ID: 500-217596-2 Date Collected: 06/03/22 12:45 Matrix: Solid Date Received: 06/04/22 09:15 Dilution Batch Batch Batch Prepared Method Run Factor or Analyzed Prep Type Type Number Analyst Lab Total/NA 659958 06/06/22 12:08 LWN TAL CHI Analysis Moisture 1 **Client Sample ID: S-2** Lab Sample ID: 500-217596-2 Date Collected: 06/03/22 12:45 Matrix: Solid Date Received: 06/04/22 09:15 Percent Solids: 92.2 Batch Batch Dilution Batch Prepared Factor Method Number or Analyzed Prep Type Туре Run Analyst Lab Total/NA 5035 06/03/22 12:45 WRE TAL CHI Prep 661137 Total/NA Analvsis 8260B 50 661438 06/16/22 12:33 W1T TAL CHI **Client Sample ID: S-3** Lab Sample ID: 500-217596-3 Date Collected: 06/03/22 12:50 Matrix: Solid Date Received: 06/04/22 09:15 Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor Number or Analyzed Analyst Lab 06/06/22 12:08 Total/NA 659958 LWN TAL CHI Analysis Moisture 1 **Client Sample ID: S-3** Lab Sample ID: 500-217596-3 Date Collected: 06/03/22 12:50 Matrix: Solid Date Received: 06/04/22 09:15 Percent Solids: 91.9 Batch Batch Dilution Batch Prepared Prep Type Type Method Run Factor Number or Analyzed Analyst Lab Total/NA Prep 5035 661137 06/03/22 12:50 WRE TAL CHI Total/NA 8260B 661438 06/16/22 12:59 TAL CHI Analysis 50 W1T **Client Sample ID: S-4** Lab Sample ID: 500-217596-4 Date Collected: 06/03/22 12:55 Matrix: Solid Date Received: 06/04/22 09:15 Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor Number or Analyzed Analyst Lab Total/NA TAL CHI Analysis Moisture 659958 06/06/22 12:08 LWN

Job ID: 500-217596-1

Client Sam Date Collecte							Lab Sa	imple ID:	500-217596-4 Matrix: Solid
ate Conecte								Per	cent Solids: 91.
-									
	Batch	Batch	_	Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Prep	5035			661137	06/03/22 12:55		TAL CHI	
Total/NA	Analysis	8260B		50	661438	06/16/22 13:25	W1T	TAL CHI	
Client Sam	ple ID: S-5						Lab Sa	mple ID:	500-217596-
Date Collecte	d: 06/03/22 1	3:00							Matrix: Soli
Date Received	d: 06/04/22 0	9:15							
-	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	Moisture		1	659958	06/06/22 12:08	LWN	TAL CHI	
Client Sam	ole ID: S-5						Lab Sa	mple ID:	500-217596-
Date Collecte		3:00							Matrix: Soli
Date Received								Per	cent Solids: 91.
-									
	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Prep	5035			661137	06/03/22 13:00		TAL CHI	
Total/NA	Analysis	8260B		50	661438	06/16/22 13:51	W1I	TAL CHI	
Client Sam							Lab Sa	mple ID:	500-217596-
Date Collecte									Matrix: Soli
Date Received	d: 06/04/22 0	9:15							
_	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	Moisture		1	659958	06/06/22 12:08	LWN	TAL CHI	
Client Sam	ple ID: S-6						Lab Sa	mple ID:	500-217596-
Date Collecte		3:03							Matrix: Soli
Date Received								Per	cent Solids: 92.
_	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Prep	5035				06/03/22 13:03		TAL CHI	
Total/NA	Analysis	8260B		50		06/16/22 14:17		TAL CHI	
_ Client Samj							Lah Sa		500-217596-
		2.06						unpie ID.	
Date Collecte									Matrix: Soli
-						_			
	Batch	Batch Method	Pun	Dilution	Batch	Prepared			
Pron Type				Factor	Numbor	or Analyzod			

	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	Moisture		1	659958	06/06/22 12:08	LWN	TAL CHI	_

Job ID: 500-217596-1

Client Sam							Lab Sa	mple ID:	500-217596-
Date Collecte									Matrix: Soli
Date Received	d: 06/04/22 0	9:15						Per	cent Solids: 91.
-	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Prep	5035				06/03/22 13:06		TAL CHI	
Total/NA	Analysis	8260B		50		06/16/22 14:42		TAL CHI	
Client Sam	ole ID: S-8						Lab Sa	mple ID:	500-217596-
Date Collecte		3:10						•	Matrix: Soli
Date Received									
-	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	Moisture		1	659958			TAL CHI	
Client Sam	ple ID: S-8						Lab Sa	mple ID:	500-217596-
Date Collecte		3:10							Matrix: Sol
Date Received								Per	cent Solids: 92
-	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Prep	5035			661137	06/03/22 13:10		TAL CHI	
Total/NA	Analysis	8260B		50	661438	06/16/22 15:08	W1T	TAL CHI	
Client Sam	ple ID: S-9						Lab Sa	mple ID:	500-217596-
Date Collecte	d: 06/03/22 1	3:15						-	Matrix: Sol
Date Received	d: 06/04/22 0	9:15							
-	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	Moisture		1	659958	06/06/22 12:08	LWN	TAL CHI	
Client Sam	ple ID: S-9						Lab Sa	mple ID:	500-217596-
Date Collecte	d: 06/03/22 1	3:15						-	Matrix: Soli
Date Received	d: 06/04/22 0	9:15						Per	cent Solids: 90
-	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number		Analyst	Lab	
Total/NA	Prep	5035			661137	06/03/22 13:15	WRE	TAL CHI	
Total/NA	Analysis	8260B		50	661438	06/16/22 15:33	W1T	TAL CHI	
Client Sam	ple ID: S-1	0				L	_ab Sar	nple ID: 5	500-217596-1
Date Collecte								-	Matrix: Sol
Date Received	d: 06/04/22 0	9:15							-
-	Batch	Batch		Dilution	Batch	Prepared			
Pren Tyne	Type	Method	Run	Eactor		or Analyzed	Analyst	l ah	

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	659958	06/06/22 12:08	LWN	TAL CHI

Dilution

Factor

Dilution

Factor

Dilution

Factor

50

1

50

Run

Run

Run

Batch

Number

661137

Batch

Number

659958

Batch

Number

661137

661438

Prepared

or Analyzed

06/03/22 13:20

Prepared

or Analyzed

06/06/22 12:08

Prepared

or Analyzed

06/03/22 13:25

06/16/22 16:23 W1T

661438 06/16/22 15:58

# **Client Sample ID: S-10** Date Collected: 06/03/22 13:20 Date Received: 06/04/22 09:15

**Client Sample ID: S-11** 

Client Sample ID: S-11

Date Collected: 06/03/22 13:25 Date Received: 06/04/22 09:15

Date Collected: 06/03/22 13:25 Date Received: 06/04/22 09:15

Prep Type

Total/NA

Total/NA

Prep Type

Ргер Туре

Total/NA

Total/NA

Total/NA

Batch

Туре

Prep

Analysis

Batch

Туре

Analysis

Batch

Туре

Prep

Analysis

Batch

5035

8260B

Batch

Method

Moisture

Batch

5035

8260B

Method

Method

		Job ID: 500-217596-1	
L	ab San	nple ID: 500-217596-10	
		Matrix: Solid	
		Percent Solids: 91.7	
	Analyst	l ah	Ŀ
_	WRE	TAL CHI	
	WIT	TAL CHI	
00	VVII	TAL CHI	
L	_ab Sar	nple ID: 500-217596-11 Matrix: Solid	
			ç
	Analyst		9
		TAL CHI	9
8	LWN		9 1
8	LWN	TAL CHI	9 1
8	LWN	тац сні nple ID: 500-217596-11	9 1 1
8	LWN	TAL CHI nple ID: 500-217596-11 Matrix: Solid	9 1 1 1
)8 [	LWN _ab Sar	TAL CHI nple ID: 500-217596-11 Matrix: Solid Percent Solids: 90.8	9 1 1 1
)8 [	LWN Lab Sar	TAL CHI nple ID: 500-217596-11 Matrix: Solid Percent Solids: 90.8	9 1 1 1
)8 [ 1 25	LWN _ab Sar	TAL CHI nple ID: 500-217596-11 Matrix: Solid Percent Solids: 90.8	9 1 1 1
)8 1 25 23	LWN _ab Sar Analyst WRE W1T	TAL CHI nple ID: 500-217596-11 Matrix: Solid Percent Solids: 90.8 Lab TAL CHI TAL CHI TAL CHI	9 1 1 1 1
)8 1 25 23	LWN _ab Sar Analyst WRE W1T	TAL CHI mple ID: 500-217596-11 Matrix: Solid Percent Solids: 90.8 Lab TAL CHI TAL CHI TAL CHI TAL CHI TAL CHI	9 1 1 1 1 1
)8 1 25 23	LWN _ab Sar Analyst WRE W1T	TAL CHI nple ID: 500-217596-11 Matrix: Solid Percent Solids: 90.8 Lab TAL CHI TAL CHI TAL CHI	9 1 1 1 1 1

<b>Client Sam</b>	ple ID: S-1	2				L	_ab Sar	nple ID: 5	00-217596-12
Date Collecte									Matrix: Solid
Date Receive	d: 06/04/22 0	9:15							
	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	Moisture		1	659958	06/06/22 12:08	LWN	TAL CHI	
<b>Client Sam</b>	ple ID: S-1	2				L	_ab Sar	nple ID: 5	00-217596-12
Date Collecte	d: 06/03/22 1	3:30						-	Matrix: Solid
Date Receive	d: 06/04/22 0	9:15						Perc	ent Solids: 91.7
Γ	Batch	Batch		Dilution	Batch	Prepared			

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			661137	06/03/22 13:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	661438	06/16/22 16:50	W1T	TAL CHI

# **Client Sample ID: Trip Blank** Date Collected: 06/03/22 10:00 Date Received: 06/04/22 09:15

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			661137	06/03/22 10:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	661438	06/16/22 17:17	W1T	TAL CHI

# Laboratory References:

TAL CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Matrix: Solid

Lab Sample ID: 500-217596-13

# Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-22

### **Eurofins** Chicago

# Chain of Custody Record

2417 Bond Street University Park IL 60484 Phone 708-534-5200 Fax 708-534-5211

Client Information	Sampler Qu	n le	N7	Lab Frei	PM drick S	andie	/*************************************	Ca S	rrier Trackin	19 No(s 05978	3336	COC No <sup>-</sup> 500-101813-441	17 2
Client Contact: Quin Lenz	Change A	309-4	1197	E-Ma San		edrick@et	eurofinsus com	St	ate of Origin	WI		Page Page 2002	1 of 2
Company'	1 1 23	<u> </u>	PWS D		T		Analysis	- Rogu	netad			and a support of the	217596
Cedar Corporation Address.	Due Date Reques	ted")								TT		Preservation Cod	es
1695 Bellevue Street	TAT Requested (c	Stand lays)	hr C		+1							A HCL B NaOH	M Hexane N None
Green Bay	- S	andhr	9						k	Sun.		C Zn Auetate D Nitric Acid	O AsNaO2 P Na2O4S
State Zip WI 54311	Compliance Proje	ct 🛆 Yes	A No		11				Ð			E Nal-SO4 F MeOH	Q Na2SO3 R Na2S2O3
Phone 715-235-9081(Tel)	PC #: Purchase Orde	r not require	d									G Amchlor H Ascorbic Acid	S H2SO4 T TSP Dodeca ydrate
Email	`∿O <i>#</i> :				N SC				500-2175	596 COC	g, wave	I Ice	U Acetone V MCAA
quin lenz@cedarcorp.com Project Name	Project #				Sel Nio				1 .	oge COC	fertal Nitrobar of ecertainate	I EDTA L EDA	W oH 4-5 Y ™izma
	50006556 SSOW#				) eld						64UO	Other <sup>.</sup>	Z other (specify)
		<b>T</b>		r	Also A	d A M+					- view		
			Sample	Matrix (w=water	Field Filtered Samp Perform MS/MSD (Y	8260B - PVOC+NAP					- Ann		
		Sample	Type (C=comp,	S=solid, D=wasteloll,	14 Fi	1-80					Cal N		
Sample Identification	Sample Date	Time	G=grab)	ET=Tissue, A=Air)			┟╌┟╌┟╌				L L	Special In	structions/Note
	1722	121/0		ition Code: . Solid	ΗŶ	N.	┞┉╀┉┞┉╀┉	al a star		di kana kana	+	y <u> </u>	
<u>S-1</u>	6/3/22		G		┿╋	×				+		17	
5-2	<u> </u>	1245		Solid	┢┥┥╸	×							
S-3		1250		Solid	↓	x					<b></b>		
5-4		1255		Solid	<u> </u>	N_					ļ		
S-5		1300		Solid		x							
S-4		1303		Solid		ア							
S-7		1306		Solid		76							
5-8		1310		1	Π	X							
5-9		1315			Ħ	X							
S-10		1320				r							
8-11		1325			$\square$	$\frac{1}{\gamma}$		+		+	<u> </u>	1	
Possible Hazard Identification		dawin minana ana ana ana ana ana ana ana ana an		L	Sa	1 - 1	posal ( A fee maj	y be ass	essed if s	amples a	re retai	ned longer than 1	month)
Non-Hazard Flammable Skin Irritant Po	ison B 🔀 Unk	nown	Radiologica	al					posal By	Lab		ned longer than 1 rchive For	Months
Deliverable Requested 1 II III IV Other (specify)					Sp	ecial Insti	ructions/QC Requ	irements					
Empty Kit Relinquished by		Date			Time	****			8	f Shipment:			
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Δ Yes Δ No		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				L		and the second secon	<u></u>	ro~~	t.	yery.	****

# **Eurofins Chicago**

2417 Bond Street

# Chain of Custody Record

University Park IL 60484 Phone 708-534-5200 Fax 708-534-5211

Client Information	Sampler Qui	n U 309-9	na	Lab F Fred	PM Irick Sandie				Carrier Tracking No( 5776059 State of Origin			326	COC No: 500-101813-441	17 1	
Client Contact. Quin Lenz	Phone 920	309-9	1197	E-Mai San		edrick/	Met eur	ofinsus co		State of 0	Drigin' Logi			Page Page 44052	
Company			PWSID <sup>.</sup>	Journ		conord	wettean	*****		<u> </u>					217596
Cedar Corporation Address.	Due Date Request	ed Cla	L	7				Anal	ysis Red	queste		<u> </u>	1	Preservation Coc	
1695 Bellevue Street		STU	ndarc	Į										A HCL	M Hexane
City Green Bay	TAT Requested (d	ays	1.10	1	10									B NaOH C Zn Acetate	N None O AsNaO2
State Zip		STAN	ida/ u	, - 										D Nitric Acid E NaHSO4	P Na2O4S Q Na2SO3
WI 54311 Phone.	Compliance Project	ct: A res	A NO											F MeOH	R Na2S2O3 S H2SO4
715-235-9081(Tel)	Purchase Order	r not require	ed		()									G Amchlor H Ascorbic Acid	<ul> <li>TSP Dodecahydrate</li> <li>U Acetone</li> </ul>
Emai quin lenz@cedarcorp com	WO #				S OF N No)								68	I Ice J DI Water	V MCAA W pH 4-5
Project Name	Project #	909191919191919191919191919191919191919			Yes								lhór	K EDTA L EDA	Y Tizma Z other specify
RICHFIELD TANK PULL Sie	50006556 SSOW#				ple Yes								onte	Other	2 other specify
					Sampi SD (Y	NAP							010		
			Sample	Matrix	Field Filtered Sample (Ye Perform MS/MSD (Yos or	PVOC+NAP							Total Number of containers		
		Comple	Туре	(W≂water S≃uotid,	E PIN	6							1 Nu		
Sample Identification	Sample Date	Sample Time	(C≈comp, G=grab)	Orwaste/oil, BT-Tissue, A=Air)	Field   Perfor	8260B							Tota	Special In	structions/Note
		> <	A Townson	ition Code:		(N					11				
S-12 Trip Blank	6/3/22	1330	6	Solid		K									
Trip Blank	11	10.00	6	Solid		4		ļ							
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Possible Hazard Identification	<u></u>				Sa	mple	Disposa	al ( A fee	may be a	ssesse	d if sar	nples ar	e retaii	ned longer than 1 hive For	month)
Non-Hazard Flammable Skin Irritant Pois	son B 🗡 Unkr	nown 🛄	Radiologica	1		Re	eturn To	Client	$\underline{\gamma}$	bisposal	By Lat	b r	Arc	hive For	Months
Deliverable Requested 1 II III IV Other (specify)					Sp	eciai li	nstructio	ons/QC R	equireme						
Empty Kit Relingu shed by		Date			Time							hipment.			
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Relinquished by	Date/⁼me-			Company		Received by				Date/Timer					Company
Custody Seals Intact: Custody Seal No						Cociei	r Tempera	iture(s) °C a	and Other Re	emarks			and and a second second	ann de la companya da comp	

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### Login Sample Receipt Checklist

### **Client: Cedar Corporation**

### Login Number: 217596 List Number: 1 Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>True</td> <td></td>	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

List Source: Eurofins Chicago



**Environment Testing** 

# **ANALYTICAL REPORT**

## PREPARED FOR

Attn: Ashley Wagner Cedar Corporation W61 N497 Washington Ave Cedarburg Wisconsin 53012 Generated 11/17/2022 5:17:26 PM

## JOB DESCRIPTION

Millis Transfer Richfield, WI

## **JOB NUMBER**

500-224837-1

Eurofins Chicago 2417 Bond Street University Park IL 60484



## **Table of Contents**

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### Laboratory: Eurofins Chicago

Narrative

Job Narrative 500-224837-1

**Case Narrative** 

#### Comments

No additional comments.

#### Receipt

The samples were received on 11/3/2022 9:40 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.1° C.

#### GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

## **Detection Summary**

### **Client: Cedar Corporation** Project/Site: Millis Transfer Richfield, WI

### **Client Sample ID: MW-1**

Job	ID:	500-224837-1

## Lab Sample ID: 500-224837-1

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.53		0.50	0.15	ug/L	1	_	8260B	Total/NA
Ethylbenzene	1.7		0.50	0.18	ug/L	1		8260B	Total/NA
Toluene	0.59		0.50	0.15	ug/L	1		8260B	Total/NA
1,2,4-Trimethylbenzene	2.4		1.0	0.36	ug/L	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.82	J	1.0	0.25	ug/L	1		8260B	Total/NA
Xylenes, Total	7.2		1.0	0.22	ug/L	1		8260B	Total/NA
lient Sample ID: PW-1						Lab Sa	am	ple ID: 5	00-224837-2
Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.70		1.0	0.39	ug/L	1	_	8260B	Total/NA

### **Client Sample ID: Trip Blank**

No Detections.

## **Method Summary**

### Client: Cedar Corporation Project/Site: Millis Transfer Richfield, WI

Method	Method Description	Protocol	Laboratory			
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CHI			
5030B	Purge and Trap	SW846	EET CHI			

#### **Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

#### Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

## Sample Summary

### Client: Cedar Corporation Project/Site: Millis Transfer Richfield, WI

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-224837-1	MW-1	Water	11/02/22 09:55	11/03/22 09:40
500-224837-2	PW-1	Water	11/02/22 10:48	11/03/22 09:40
500-224837-3	Trip Blank	Water	11/02/22 00:00	11/03/22 09:40

## **Client Sample Results**

Client: Cedar Corporation Project/Site: Millis Transfer Richfield, WI

### Job ID: 500-224837-1

5

6 7

### Lab Sample ID: 500-224837-1 Matrix: Water

Date Collected: 11/02/22 09:55 Date Received: 11/03/22 09:40

**Client Sample ID: MW-1** 

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.53		0.50	0.15	ug/L			11/15/22 12:24	1
Ethylbenzene	1.7		0.50	0.18	ug/L			11/15/22 12:24	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/15/22 12:24	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/15/22 12:24	1
Toluene	0.59		0.50	0.15	ug/L			11/15/22 12:24	1
1,2,4-Trimethylbenzene	2.4		1.0	0.36	ug/L			11/15/22 12:24	1
1,3,5-Trimethylbenzene	0.82	J	1.0	0.25	ug/L			11/15/22 12:24	1
Xylenes, Total	7.2		1.0	0.22	ug/L			11/15/22 12:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		72 - 124					11/15/22 12:24	1
Dibromofluoromethane (Surr)	89		75 - 120					11/15/22 12:24	1
1,2-Dichloroethane-d4 (Surr)	79		75 - 126					11/15/22 12:24	1
Toluene-d8 (Surr)	96		75 - 120					11/15/22 12:24	1

**Client Sample ID: PW-1** 

Date Collected: 11/02/22 10:48

Date Received: 11/03/22 09:40

### Lab Sample ID: 500-224837-2 Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			11/15/22 12:49	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/15/22 12:49	1
Methyl tert-butyl ether	0.70	J	1.0	0.39	ug/L			11/15/22 12:49	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/15/22 12:49	1
Toluene	<0.15		0.50	0.15	ug/L			11/15/22 12:49	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/15/22 12:49	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/15/22 12:49	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/15/22 12:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		72 - 124					11/15/22 12:49	1
Dibromofluoromethane (Surr)	95		75 - 120					11/15/22 12:49	1
1,2-Dichloroethane-d4 (Surr)	80		75 - 126					11/15/22 12:49	1
Toluene-d8 (Surr)	96		75 - 120					11/15/22 12:49	1

## **Client Sample Results**

### **Client Sample ID: Trip Blank** Date Collected: 11/02/22 00:00 Date Received: 11/03/22 09:40

## Lab Sample ID: 500-224837-3

Matrix: Water

5

7

Method: SW846 8260B - Vo	latile Organic	Compound	ds (GC/MS)						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			11/15/22 12:00	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/15/22 12:00	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/15/22 12:00	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/15/22 12:00	1
Toluene	<0.15		0.50	0.15	ug/L			11/15/22 12:00	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/15/22 12:00	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/15/22 12:00	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/15/22 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		72 - 124					11/15/22 12:00	1
Dibromofluoromethane (Surr)	89		75 - 120					11/15/22 12:00	1
1,2-Dichloroethane-d4 (Surr)	80		75 - 126					11/15/22 12:00	1
Toluene-d8 (Surr)	96		75 - 120					11/15/22 12:00	1

## **Definitions/Glossary**

Client: Cedar Corporation Project/Site: Millis Transfer Richfield, WI

## Qualifiers

quannoro		<b></b>
GC/MS VOA Qualifier	Qualifier Description	
J	Reported value was between the limit of detection and the limit of quantitation.	
Glossary		5
Abbreviation	These commonly used abbreviations may or may not be present in this report.	6
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis	
%R	Percent Recovery	
CFL	Contains Free Liquid	
CFU	Colony Forming Unit	0
CNF	Contains No Free Liquid	8
DER	Duplicate Error Ratio (normalized absolute difference)	0
Dil Fac	Dilution Factor	9
DL	Detection Limit (DoD/DOE)	
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample	
DLC	Decision Level Concentration (Radiochemistry)	
EDL	Estimated Detection Limit (Dioxin)	
LOD	Limit of Detection (DoD/DOE)	
LOQ	Limit of Quantitation (DoD/DOE)	
MCL	EPA recommended "Maximum Contaminant Level"	
MDA	Minimum Detectable Activity (Radiochemistry)	13
MDC	Minimum Detectable Concentration (Radiochemistry)	
MDL	Method Detection Limit	
ML	Minimum Level (Dioxin)	
MPN	Most Probable Number	
MQL	Method Quantitation Limit	
NC	Not Calculated	
ND	Not Detected at the reporting limit (or MDL or EDL if shown)	
NEG	Negative / Absent	
POS	Positive / Present	
PQL	Practical Quantitation Limit	
PRES	Presumptive	
QC	Quality Control	
RER	Relative Error Ratio (Radiochemistry)	
RL	Reporting Limit or Requested Limit (Radiochemistry)	
RPD	Relative Percent Difference, a measure of the relative difference between two points	
TEF	Toxicity Equivalent Factor (Dioxin)	
TEQ	Toxicity Equivalent Quotient (Dioxin)	
TNTC	Too Numerous To Count	

## **QC Association Summary**

Client: Cedar Corporation Project/Site: Millis Transfer Richfield, WI Job ID: 500-224837-1

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### GC/MS VOA

### Analysis Batch: 684938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224837-1	MW-1	Total/NA	Water	8260B	
500-224837-2	PW-1	Total/NA	Water	8260B	
500-224837-3	Trip Blank	Total/NA	Water	8260B	
MB 500-684938/6	Method Blank	Total/NA	Water	8260B	
LCS 500-684938/5	Lab Control Sample	Total/NA	Water	8260B	

### Method: 8260B - Volatile Organic Compounds (GC/MS) Matrix: Water

		Percent Surrogate Recovery (Acceptance Limits)					
		BFB	DBFM	DCA	TOL		
Lab Sample ID	Client Sample ID	(72-124)	(75-120)	(75-126)	(75-120)		
500-224837-1	MW-1	77	89	79	96		
500-224837-2	PW-1	79	95	80	96		
500-224837-3	Trip Blank	78	89	80	96		
LCS 500-684938/5	Lab Control Sample	77	96	83	95		
MB 500-684938/6	Method Blank	78	94	79	95		

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

Prep Type: Total/NA

## Method: 8260B - Volatile Organic Compounds (GC/MS)

### Lab Sample ID: MB 500-684938/6 Matrix: Water

Analysis Batch: 684938

	MB	МВ							
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			11/15/22 11:34	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/15/22 11:34	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/15/22 11:34	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/15/22 11:34	1
Toluene	<0.15		0.50	0.15	ug/L			11/15/22 11:34	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/15/22 11:34	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/15/22 11:34	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/15/22 11:34	1

	MB	MB					
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac	÷
4-Bromofluorobenzene (Surr)	78		72 - 124		11/15/22 11:34	1	ľ
Dibromofluoromethane (Surr)	94		75 - 120		11/15/22 11:34	1	
1,2-Dichloroethane-d4 (Surr)	79		75 - 126		11/15/22 11:34	1	
Toluene-d8 (Surr)	95		75 - 120		11/15/22 11:34	1	

### Lab Sample ID: LCS 500-684938/5 Matrix: Water Analysis Batch: 684938

•	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	50.0	42.1		ug/L		84	70 - 120	
Ethylbenzene	50.0	44.6		ug/L		89	70 - 123	
Methyl tert-butyl ether	50.0	42.8		ug/L		86	55 - 123	
Naphthalene	50.0	46.9		ug/L		94	53 - 144	
Toluene	50.0	44.6		ug/L		89	70 - 125	
1,2,4-Trimethylbenzene	50.0	42.7		ug/L		85	70 - 123	
1,3,5-Trimethylbenzene	50.0	43.4		ug/L		87	70 - 123	
Xylenes, Total	100	83.4		ug/L		83	70 - 125	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	77		72 - 124
Dibromofluoromethane (Surr)	96		75 - 120
1,2-Dichloroethane-d4 (Surr)	83		75_126
Toluene-d8 (Surr)	95		75 - 120

### Client Sample ID: Lab Control Sample Prep Type: Total/NA

## Client Sample ID: Method Blank Prep Type: Total/NA

Job ID: 500-224837-1

Job ID: 500-224837-1

Matrix: Water

Lab Sample ID: 500-224837-1

### Client Sample ID: MW-1 Date Collected: 11/02/22 09:55 Date Received: 11/03/22 09:40

	Batch	Batch		Dilution	Batch			Prepared	
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed	
Total/NA	Analysis	8260B		1	684938	W1T	EET CHI	11/15/22 12:24	
Client Sam	ple ID: PW	-1					Lab	Sample ID:	500-224837-
Date Collecte	d: 11/02/22 1	0:48							Matrix: Wate
Date Receive	d: 11/03/22 0	9:40							
	Batch	Batch		Dilution	Batch			Prepared	
Prep Туре	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed	
Total/NA	Analysis	8260B		1	684938	W1T	EET CHI	11/15/22 12:49	
Client Sam	ple ID: Trip	Blank					Lab	Sample ID:	500-224837-
Date Collecte	d: 11/02/22 0	0:00							Matrix: Wate
Date Receive	d: 11/03/22 0	9:40							
-	Batch	Batch		Dilution	Batch			Prepared	
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed	
i iep iype	Analysis	8260B			684938	W1T	EET CHI	11/15/22 12:00	

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary	
Client: Cedar Corporation	Job ID: 500-224837-1
Project/Site: Millis Transfer Richfield, WI	
Laboratory: Eurofins Chicago	
The accreditations/certifications listed below are applicable to this report.	

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-23

Address	Den later December		of Custody Record	638811 4	Curofins Environment Testin
		DW NPDES	CRA Other		TAL-8210
Client Contact	Project Manager HSNK			Date	COC No
Company Name CROCK CORP.	Tel/Email OSh KI Wag	MAC CEARING	State contaction	Carrier ,	of COCs
Address WGIN497 Washington Ave					Sampler
City/State/Zip (COCYDUSG, W) 53012 Phone 920-309-2289		ORKING DAYS			For Lab Use Only
Phone 420-304-2284	TAT if different from Below		z	E SEVEN	Walk-in Glient
Fax Project Name Millis Transfer	2 weeks	STU	(vi) ,		Lab Sampling
Site RCDDeHusi	1 week				Job / SDG No
PO# AICHITEGIUI	2 days	1		Ukackoc	500-224931
	1 dəy		AUNI SM SMNSW SW SMNSW SW SMNSW	500-224837 COC	900-1409
	Type		Perform		
Somple Identification	Sample Sample (C=Comp Date Time G=Grab)				Comple Creatie Mater
Sample Identification (,					Sample Specific Notes
I MW-L	11.222 955 6	403M	NNX 1		
DINI-1	11220 1011Q (	N 3M			
FO DIAN	110001048 0				
Trip Blank		DIII			
, T					
			╉╉╌┽╌┽╴┽╶┽╴┽		
				┠─┠─┠─┠─┠─	
				6	
Preservation Used: 1= Ice, 2= HCI; 3= H2SO4; 4=HNO3; Possible Hazard Identification	5=NaOH; 6= Other		Sample Disposal ( A fee may be		
Are any samples from a listed EPA Hazardous Waste? Please	e List anv EPA Waste Codes fo	r the sample n the	Sample Disposal ( A fee may be	assessed it samples are reta	lined longer than 1 month)
Comments Section if the lab is to dispose of the sample	a marany milling and a data a				
Non-Hazard 🗌 Flammable 🗌 Skin Irritant	Poison B Unk	nown	Return to Client	isposal by Lab Archive f	or Months
Special Instructions/QC Requirements & Comments			+		
				1.1+2.1	
Custody Pagla Integt	Questo du ConstAla		Cooler Temp (°C) Ob		Therm ID No
Custody Seals Intact Yes No	Custody Seal No	Date/Time 1111			
	Company. CONAV	Pate/Time 114	Received by	Company	Date/Time.
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
And I	Curtins (1).)	17:00			
Relinguished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time
		1	Received in Laboratory by	Company EEIA	11/3/22 0940
in the second			1 ANTINIAN HALING	T)	L ULVIEW - CIV

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### Login Sample Receipt Checklist

### **Client: Cedar Corporation**

### Login Number: 224837 List Number: 1 Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>True</td> <td></td>	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Job Number: 500-224837-1

List Source: Eurofins Chicago

## **Eurofins Chicago**

## Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

Results relate only to the items tested and the sample(s) as received by the laboratory. The results, detection limits (LOD) and Quantitation Limits (LOQ) have been adjusted for sample dilutions and/or solids content.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

## Authorization

odie Brocken

Generated 11/17/2022 5:17:26 PM

Authorized for release by Jodie Bracken, Project Management Assistant II Jodie.Bracken@et.eurofinsus.com Designee for Sandie Fredrick, Project Manager II Sandra.Fredrick@et.eurofinsus.com (920)261-1660

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**Environment Testing** 

# **ANALYTICAL REPORT**

## PREPARED FOR

Attn: Ashley Wagner Cedar Corporation W61 N497 Washington Ave Cedarburg, Wisconsin 53012 Generated 12/14/2022 3:36:05 PM

## JOB DESCRIPTION

Millis Transfer Richfield

## **JOB NUMBER**

500-226264-1

Eurofins Chicago 2417 Bond Street University Park IL 60484







## **Eurofins Chicago**

## Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

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## Authorization

under hedre

Generated 12/14/2022 3:36:05 PM

Authorized for release by Sandie Fredrick, Project Manager II Sandra.Fredrick@et.eurofinsus.com (920)261-1660

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### Job ID: 500-226264-1

### Laboratory: Eurofins Chicago

Narrative

Job Narrative 500-226264-1

**Case Narrative** 

#### Comments

No additional comments.

#### Receipt

The samples were received on 12/3/2022 9:35 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.0° C.

#### GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

## **Detection Summary**

### Client: Cedar Corporation Project/Site: Millis Transfer Richfield

### Client Sample ID: MW-1

### Lab Sample ID: 500-226264-1

Analyte	Result (	Qualifier	LOQ	DL	Unit	Dil Fac D	Method	Prep Type
Benzene	0.26	J	0.50	0.15	ug/L	1	8260B	Total/NA
Ethylbenzene	2.9		0.50	0.18	ug/L	1	8260B	Total/NA
Naphthalene	0.44	J	1.0	0.34	ug/L	1	8260B	Total/NA
Toluene	0.65 E	В	0.50	0.15	ug/L	1	8260B	Total/NA
1,2,4-Trimethylbenzene	3.2		1.0	0.36	ug/L	1	8260B	Total/NA
1,3,5-Trimethylbenzene	0.97	J	1.0	0.25	ug/L	1	8260B	Total/NA
Xylenes, Total	8.2		1.0	0.22	ug/L	1	8260B	Total/NA
Client Sample ID: Trip B	Blank					Lab San	nple ID: 5	00-226264-2
Analyte	Result (	Qualifier	LOQ	DL	Unit	Dil Fac D	Method	Ргер Туре
Toluene	0.21	JB	0.50	0.15	ug/L	1	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

## **Method Summary**

### Client: Cedar Corporation Project/Site: Millis Transfer Richfield

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CHI
5030B	Purge and Trap	SW846	EET CHI

#### **Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

#### Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

## Sample Summary

### Client: Cedar Corporation Project/Site: Millis Transfer Richfield

Job ID: 500-226264-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-226264-1	MW-1	Ground Water	12/02/22 09:00	12/03/22 09:35
500-226264-2	Trip Blank	Water	12/02/22 00:00	12/03/22 09:35

5

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#### 500 226264 4 1.0 ..... .

**Client Sample ID: MW-1** Date Collected: 12/02/22 09:00 Date Received: 12/03/22 09:35

Lab	Sample ID: 500-226264-1
	Matrix: Ground Water

Method: SW846 8260B - Vo	latile Organic	Compound	ds (GC/MS)						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.26	J	0.50	0.15	ug/L			12/07/22 16:14	1
Ethylbenzene	2.9		0.50	0.18	ug/L			12/07/22 16:14	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			12/07/22 16:14	1
Naphthalene	0.44	J	1.0	0.34	ug/L			12/07/22 16:14	1
Toluene	0.65	В	0.50	0.15	ug/L			12/07/22 16:14	1
1,2,4-Trimethylbenzene	3.2		1.0	0.36	ug/L			12/07/22 16:14	1
1,3,5-Trimethylbenzene	0.97	J	1.0	0.25	ug/L			12/07/22 16:14	1
Xylenes, Total	8.2		1.0	0.22	ug/L			12/07/22 16:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		72 - 124					12/07/22 16:14	1
Dibromofluoromethane (Surr)	97		75 - 120					12/07/22 16:14	1
1,2-Dichloroethane-d4 (Surr)	88		75 - 126					12/07/22 16:14	1
Toluene-d8 (Surr)	93		75 - 120					12/07/22 16:14	1

## **Client Sample Results**

LOQ

0.50

0.50

1.0

1.0

0.50

1.0

1.0

1.0

Limits

72 - 124

75 - 120

75 - 126

75 - 120

DL Unit

0.15 ug/L

0.18 ug/L

0.39 ug/L

0.34 ug/L

0.15 ug/L

0.36 ug/L

0.25 ug/L

0.22 ug/L

D

Prepared

Prepared

### Client Sample ID: Trip Blank Date Collected: 12/02/22 00:00 Date Received: 12/03/22 09:35

Analyte

Benzene

Ethylbenzene

Naphthalene

Xylenes, Total

Toluene-d8 (Surr)

Surrogate

**Toluene** 

Methyl tert-butyl ether

1,2,4-Trimethylbenzene

1,3,5-Trimethylbenzene

4-Bromofluorobenzene (Surr)

Dibromofluoromethane (Surr)

1,2-Dichloroethane-d4 (Surr)

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Result Qualifier

<0.15

<0.18

<0.39

< 0.34

< 0.36

<0.25

<0.22

%Recovery Qualifier

89

96

86

91

0.21 JB

### Job ID: 500-226264-1

### Lab Sample ID: 500-226264-2 Matrix: Water

Analyzed

12/07/22 12:39

12/07/22 12:39

12/07/22 12:39

12/07/22 12:39

12/07/22 12:39

12/07/22 12:39

12/07/22 12:39

12/07/22 12:39

Analyzed

12/07/22 12:39

12/07/22 12:39

12/07/22 12:39

12/07/22 12:39

Dil Fac

1

1

1

1

1

1

1

1

1

1

1

1

Dil Fac

## **Definitions/Glossary**

8

## Qualifiers

GC/MS VOA		
Qualifier	Qualifier Description	4
В	Compound was found in the blank and sample.	
J	Reported value was between the limit of detection and the limit of quantitation.	5

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

## **QC Association Summary**

Client: Cedar Corporation Project/Site: Millis Transfer Richfield Job ID: 500-226264-1

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## GC/MS VOA

### Analysis Batch: 688607

Lab Sample ID 500-226264-1	Client Sample ID MW-1	Prep Type Total/NA	Matrix Ground Water	Method 8260B	Prep Batch
500-226264-2	Trip Blank	Total/NA	Water	8260B	
MB 500-688607/7	Method Blank	Total/NA	Water	8260B	
LCS 500-688607/5	Lab Control Sample	Total/NA	Water	8260B	

### Method: 8260B - Volatile Organic Compounds (GC/MS) Matrix: Ground Water

-			Pe	ercent Surre	ogate Recove	ery (Acceptance Limits)
		BFB	DBFM	DCA	TOL	
Lab Sample ID	Client Sample ID	(72-124)	(75-120)	(75-126)	(75-120)	
500-226264-1	MW-1	89	97	88	93	
Surrogate Legend	ł					
BFB = 4-Bromofluc	probenzene (Surr)					
DBFM = Dibromofl	uoromethane (Surr)					
DCA = 1,2-Dichloro	pethane-d4 (Surr)					
TOL = Toluene-d8	(Surr)					
lethed: 0000D		man a un da /(				
	- Volatile Organic Co	mpounas (C	5C/IVIS)			
latrix: Water						Prep Type: Total/N
-						

			Pe	ercent Surre	ogate Recove	ery (Acceptance Limit	:s)
		BFB	DBFM	DCA	TOL		
Lab Sample ID	Client Sample ID	(72-124)	(75-120)	(75-126)	(75-120)		
500-226264-2	Trip Blank	89	96	86	91		
LCS 500-688607/5	Lab Control Sample	88	99	86	92		
MB 500-688607/7	Method Blank	91	100	89	93		
Surrogate Legend							
BFB = 4-Bromofluorok	penzene (Surr)						

DBFM = Dibromofluoromethane (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

12/14/2022

### Method: 8260B - Volatile Organic Compounds (GC/MS)

## Lab Sample ID: MB 500-688607/7

Matrix: Water Analysis Batch: 688607

	MB MB							
Analyte Re	sult Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene <	0.15	0.50	0.15	ug/L			12/07/22 11:18	1
Ethylbenzene <	).18	0.50	0.18	ug/L			12/07/22 11:18	1
Methyl tert-butyl ether <	).39	1.0	0.39	ug/L			12/07/22 11:18	1
Naphthalene <	).34	1.0	0.34	ug/L			12/07/22 11:18	1
Toluene 0	170 J	0.50	0.15	ug/L			12/07/22 11:18	1
1,2,4-Trimethylbenzene <	).36	1.0	0.36	ug/L			12/07/22 11:18	1
1,3,5-Trimethylbenzene <	).25	1.0	0.25	ug/L			12/07/22 11:18	1
Xylenes, Total <	).22	1.0	0.22	ug/L			12/07/22 11:18	1

	MB	MB					
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac	2
4-Bromofluorobenzene (Surr)	91		72 - 124		12/07/22 11:18	1	•
Dibromofluoromethane (Surr)	100		75 - 120		12/07/22 11:18	1	
1,2-Dichloroethane-d4 (Surr)	89		75 - 126		12/07/22 11:18	1	
Toluene-d8 (Surr)	93		75 - 120		12/07/22 11:18	1	

### Lab Sample ID: LCS 500-688607/5 Matrix: Water Analysis Batch: 688607

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	50.0	43.7		ug/L		87	70 - 120
Ethylbenzene	50.0	46.5		ug/L		93	70 - 123
Methyl tert-butyl ether	50.0	40.2		ug/L		80	55 - 123
Naphthalene	50.0	41.5		ug/L		83	53 - 144
Toluene	50.0	44.7		ug/L		89	70 - 125
1,2,4-Trimethylbenzene	50.0	47.5		ug/L		95	70 - 123
1,3,5-Trimethylbenzene	50.0	48.8		ug/L		98	70 - 123
Xylenes, Total	100	90.6		ug/L		91	70 - 125

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		72 - 124
Dibromofluoromethane (Surr)	99		75 - 120
1,2-Dichloroethane-d4 (Surr)	86		75 - 126
Toluene-d8 (Surr)	92		75 - 120

### Client Sample ID: Lab Control Sample Prep Type: Total/NA

### Client Sample ID: Method Blank Prep Type: Total/NA

Job ID: 500-226264-1

12/14/2022

**Matrix: Ground Water** 

Lab Sample ID: 500-226264-1

### Client Sample ID: MW-1 Date Collected: 12/02/22 09:00 Date Received: 12/03/22 09:35

	Batch	Batch		Dilution	Batch			Prepared	
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed	
Total/NA	Analysis	8260B		1	688607	W1T	EET CHI	12/07/22 16:14	
								- I ID	
							Lab	Sample ID: 500	
Client Sam	ple ID: Trip d: 12/02/22 0						Lab		-226264- atrix: Wate
Date Collecte		0:00					Lab		
ate Collecte	d: 12/02/22 0	0:00		Dilution	Batch		Lab		
Date Collecte	d: 12/02/22 0 d: 12/03/22 0	0:00 9:35	Run	Dilution Factor	Batch Number	Analyst	Lab	М	

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Client: Cedar Corporation Project/Site: Millis Transfer Richfield Job ID: 500-226264-1

**13** 14

### Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Au	uthority	Program	Identification Number	Expiration Date
W	/isconsin	State	999580010	08-31-23

Chain of Custody Record

638942 🔅 eurofins

Environment Testing America

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		ilatory Pro			NPDES		RCRA		Other			_								TAL	-8210
Client Contact	Project N	lanager P 1 ASNU	shie.	ilixa	Cnl	STLE	Cont	act				Da	ite						COC No	1	
Company Name (LOU CORP	Tel/Emai	ashie	21.1.2	Sne	RT	flet	Cont	iend	. ( 0	m		Ca	rrier						of	COCs	
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City/State/Zip (PAQVAUXGUUSSO)2	- [] CALE	NDAR DAYS	🗌 wo	RKING DAY	rs		-												For Lab Use On	ly	
Phone 920-36902289		AT if different f	rom Below				2 S												Walk in Client		
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Project Name Millis Transter			1 week			171	ゴブ				5	387	23	I							
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	Sample	Sample	C=Comp.		#of	ere					500	22626	64 CO	C							
Sample Identification	Date	Time	G=Grab)	Matrix	Cont.	Ē	PVOC					-		<u> </u>					Sample S	pecific Notes	
mw-1	12.2	900	6	61	2	Л	NL				T		11					T			
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Preservation Used: 1= Ice, 2= HCI; 3= H2SO4; 4=HNO3	;	6= Other _	an ta an		nen an		D		<u> </u>	$\square$	1917 - 1917			<u> </u>			1	L	L.		
Possible Hazard Identification			Cardan from				ample	Dispos	sal ( /	A fee r	may b	be ass	sesse	d if s	ampl	es a	re re	taine	ed longer than 1 m	onth)	1
Are any samples from a listed EPA Hazardous Waste? Plea Comments Section if the lab is to dispose of the sample	ise List any	EPA Waste	Codes for 1	ine samp	pie in the	e															
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Custody Seals Intact Yes No	Custody S	Seal No			$\sim$	Nosaangana		1	er Te	mp (°	'C) O	bs'd	5	$\tau$	Corr	d	10	7	Therm ID No		
Relinguished by Alexandres Alexandres	Company			Date/Tir		<b>S</b> R	eceive	d by		>	- CALIFORNIA CONTRACTOR	and Weight House	C	Comp	any	٨			Date/Time	nen melakanan melakanan dan kenangkanan dari hit	
I WIVIN AND WIN	11'0	CY		12.2	·12	T	Ca	5N						Comp	10	łМ	ß		117.7.77	9.40	$\leq 1$
Relinquished by	Company			Date/Tir		R	eceive	d by						Comp	The statement of the st				Date/Time		
three	Eurot	2	12.2.11	۱ I	700						А										
Relinquished by	Company			Date/Tir			eceive	d in Uat	prate	ry by	11	1	1	Comp	apy o	24	.Λ		Date/Time	<u>، ۸ ، ۸</u>	7
									m		JA.	ØĦ	•	Ľ	X	20	4_		1213/22	0930	5
	and composition and the second			CONTRACTOR OF THE OWNER OWNE	et a production of the second second	and the second			Contraction of the		and an alternative	ALL PORT OF ALL PORT	Statements and	and an and an		-44			par par frances in	and the second	atoma and

12/14/2022

Address

### Client: Cedar Corporation

### Login Number: 226264 List Number: 1 Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>True</td> <td></td>	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.0
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

List Source: Eurofins Chicago

#### Notification form for Hazardous Substance Discharge (4400-225)

Date Submitted:

03/08/2023

**Notice:** Hazardous substance discharges must be reported immediately according to <u>Wis. Stat. § 292.11</u>. Non-emergency hazardous substance discharges may be reported by submitting this online form, calling the Department or visiting an office in person. Under <u>Wis. Stat. § 292.99</u>, the penalty for violating the reporting requirement of Wis. Stat. ch. 292 shall be no less than \$10 nor more than \$5,000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (Wis. Stat. § 19.31 - 19.39). Submitting the notification as part of a Phase 1 or Phase 2 environment assessment report is not considered immediate notification under Wis. Stat. ch. 292.

#### **Reporter Information:**

Ashley W	hley Wagner						Cedar Corp		
: W61 N	497 Wash	ington Avenue, Ceda	rbu	rg, WI, 53012	Phone:	4	144105206		
ashley	ashley.wagner@cedarcorp.com								
formatio	on:								
ne: M	illis Transf	er - Richfield							
: 3001 H	Holy Hill Re	d, Richfield, WI, 5307	6						
Descripti	on: Not	t Applicable							
ates, Coui	nty and m	unicipality where co	nta	mination was found on th	e property				
ates:	WTM	667175		310101	Lat/Long	3	43.24935	-88.18703	
oes the co	ordinate l	ocation represent?	Co	ntamination source (pre	ferred)				
Washing	gton			Munio	cipality:	Ric	hfield		
	: W61 N ashley formation ne: M : 3001 H Description ates, Course ates: pes the co	ashley.wagner@ formation: ne: Millis Transf : 3001 Holy Hill Ro Description: Not ates, County and m ates: WTM	<ul> <li>W61 N497 Washington Avenue, Ceda ashley.wagner@cedarcorp.com</li> <li>formation:</li> <li>Millis Transfer - Richfield</li> <li>3001 Holy Hill Rd, Richfield, WI, 5307</li> <li>Description: Not Applicable</li> <li>ates, County and municipality where co</li> <li>ates: WTM 667175</li> <li>bes the coordinate location represent?</li> </ul>	<ul> <li>W61 N497 Washington Avenue, Cedarbu ashley.wagner@cedarcorp.com</li> <li>formation:         <ul> <li>Millis Transfer - Richfield</li> <li>3001 Holy Hill Rd, Richfield, WI, 53076</li> <li>Description: Not Applicable</li> <li>Applicable</li> <li>Applicable</li> <li>Applicable</li> <li>WTM 667175</li> <li>Sthe coordinate location represent? Co</li> </ul> </li> </ul>	<ul> <li>W61 N497 Washington Avenue, Cedarburg, WI, 53012</li> <li>ashley.wagner@cedarcorp.com</li> </ul> Formation: <ul> <li>Millis Transfer - Richfield</li> <li>3001 Holy Hill Rd, Richfield, WI, 53076</li> </ul> Description: Not Applicable ates, County and municipality where contamination was found on th ates: WTM 667175 310101 washington Municipality Mathematication source (pre Washington Municipality Washington Municipality Washington Municipality	: W61 N497 Washington Avenue, Cedarburg, WI, 53012 Phone: ashley.wagner@cedarcorp.com formation: ne: Millis Transfer - Richfield : 3001 Holy Hill Rd, Richfield, WI, 53076 Description: Not Applicable ates, County and municipality where contamination was found on the property ates: WTM 667175 310101 Lat/Long mes the coordinate location represent? Contamination source (preferred) Washington Municipality:	<ul> <li>W61 N497 Washington Avenue, Cedarburg, WI, 53012 Phone: 4: ashley.wagner@cedarcorp.com</li> <li>Formation:</li> <li>Millis Transfer - Richfield</li> <li>3001 Holy Hill Rd, Richfield, WI, 53076</li> <li>Description: Not Applicable</li> <li>Ates, County and municipality where contamination was found on the property ates: WTM 667175 310101 Lat/Long</li> <li>The coordinate location represent? Contamination source (preferred)</li> <li>Washington Municipality: Rice</li> </ul>	W61 N497 Washington Avenue, Cedarburg, WI, 53012 Phone: 4144105206 ashley.wagner@cedarcorp.com   Formation:   Formation:   Image: Millis Transfer - Richfield   Image: Solution: Not Applicable   Stess, County and municipality where contamination was found on the property   ates: WTM 667175 31011 Lat/Long 43.24935   Image: Stess the coordinate location represent? Contamination source (preferred)   Washington   Municipality: Richfield	

#### Responsible Party (RP):

Company Name	Full Name	Address	Email	Phone Number
Millis Transfer		PO Box 550, Black River Falls, WI, 54615	dan.millis@millistransfe r.com	7152844384

#### **Contact Person:**

Representing the Responsible Party, Business or Property Owner								
Contact Person Information: Same as Contact Reporting Discharge								
Company Name	Company Name Full Name Address Email Phone Number							
Cedar Corp	Ashle	y Wagner	W61 N497 Washington Avenue, Cedarburg, WI, 53012	ashley.wagner@cedarcor p.com	4144105206			

#### **Hazardous Substance Information**

#### Type of Discharge:

Aboveground Petroleum Storage Tank System

#### Contamination was discovered as a result of:

Tank Closure Assessment - 6/3/2022

#### Hazardous Substance Discharged:

Diesel VOC – Other (Specify)	
VOC Other Comments: Trimethylbenzene	

#### Impacts to the Environment

#### Impacts to the Environment Information:

Soil Contamination

#### Lab Results and other Info

Lab results or Rej	port:	Lab results or report a	are attached		
Additional docun	nentation			. ,	Vis. Admin. Code s. NR 716.05 - Letter .55) - Include Form 4400-237 (\$700)
Document Type:		al Assistance and Envised since originally		lity Clarification Request For	m (Form 4400-237) - [Document has
Payment type: Mail Check				Payment Amount:	700
Additional Comm	ents:	Fee of \$700 has alread	dy been paid.		
If you have quest	ions plea	se contact:			
JENNIFER MEYE	R				
jennifer.meyer1@	@wiscons	sin.gov			
(608) 219-2205					

TR-WM-140 (4/22) Formerty ERS-8951

Wisconsin Department of Agriculture, Trade and Consumer Protection

Bureau of Weights and Measures

P.O. Box 7837, Madison, WI 53707-7837

(608) 224-4942

Wis. Admin. Code §ATCP 93.560

FOR OFFICE USE ONLY

# TANK SYSTEM SERVICE AND CLOSURE ASSESSMENT REPORT

Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04(1)(m) Wis. Stats.).

Complete One Form for Each System Service Event

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

CHECK ONE: WUNDERGROUND ABOVEGROUND

#### 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

			anonoontaini	none outpointpoint								
B. IDENTIF								41			and the second	61 - 17 AVA
OWNER INF	ORMATION	11、11、12、包括13个MM	alar, sike a la	「「「「「ない」」」	10.77 (1 MAR	CARL 1	1-	Sa.	12.14	1.1.11	and the second s	M 1 7 1089
OWNER NAM	NSFER INC	412663	CRAIG SCH					TITLE				1
MAILING ADI P.O. BOX 5		×.,		5		CK RIVER F		/ILLAGE			STATE	ZIP 54615
TELEPHONE (715) 299 -			1	- 1	2	E-MAIL		2		植		111
SITE INFOR		The second stand with	a day of	2.0	· · · · ·				14	14 Sec.	A STREET	1 1. 12
FACILITY NA					5			8 <sup>1</sup> 31		-	9	
	SS (Not PO Box) E RD 167 W				100 C		N 🛛 V	ILLAGE			STATE	ZIP 53076
SERVICE CO	NTRACTOR INF	ORMATION		14/14/2	2 60	- the state		14	1.19	S. 1	51	1.140
	RVICE CONTRACT	CTOR Section A Above		SERVI 50719		RACTOR CE	rt ID #		TELEPH (715) 8	ione: 31 - 8484	CELL: (715) 5	79 - 8324
STREET ADD								ILLAGE	5		STATE WI	ZIP 54702
C. TANK SY	STEM DETAIL	(Complete for all s	ervice activities	)					- 14 <sup>-1</sup>		2	1
a	b	c	d	0	f		1	g			h	
Tank ID #	Type of Closure <sup>1</sup>	Tank Material of Construction	Piping Material of Construction	Tank Capacity (gailons)	Conter	(e.	g. hole	omprom es, craci onnectio	(s, n, §	an Source of F	d Cause of Re Release <sup>3</sup> Cau	lease <sup>5</sup> ise of Releas
113523	Р	STEEL	FRP	15000 D	)L	C	] Yes	No	i			
		1.18 3 1 35	a. 4. 19. i	. (* 1. m.)	$a_{\mu\nu}^{\mu}=0$		] Yes		e el c	5. As		
		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1					] Yes	No No	í			
Ba	1 6 .	2. #9 (2) i - 1 - 1 1	2 S 16 2 S 16	a di la cara di la car			] Yes		н. <sup>с</sup>	3		
×7. 3	E.	1.0		"啊~			] Yes		1			
		and the second		$+e^{i\phi_{2}}-e^{i\phi_{2}}\cdots$		C	] Yes		) (C			
1. Indicate	e type of closure	: P = Permanent, T	OS = Temporaril	y Out-of-Servic	e, CIP :	= Closure In-	Place	1				
Keros		t: DL = Diesel, LG = ix, WO = Waste/Use										
												-
3. CAS nu	umber(s):			N.				1				
4. Source	of release: T =	tank, P = piping, D	= dispenser, ST	P = submersib	le turbin	e pump, DP	= deli	ivery pr	oblem,	O = othe	er, UNK = Ur	known
5. Cause S = sp		POMD = physical or	mechanical dam	nage, C = com	osion, II	P = installation	on prol	blem, (	O = oth	ier, UNK	= Unknown	
6. Has rel	ease been repor	rted to the Department	nt of Natural Res	ources?	Yes 🗌	No AR	elease	not ev	ident a	t this time	(pending sar	nple analysi
		Part & Die	tribution: DAT		Inen		ntract		Owner			
		rait A Dis	UIDUIUII. DAI		nispe	000 00	in acti		2 WINGI			

TR-VAM-140 (422) Formerly ERS-8951					
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. I Yes No					
All local permits were obtained before beginning closure. TYes No NA					
UST Form TR-WM-137 or AST Form TR-WM-118 filed by owner with the DATCP indicating clo	sure.	Yes	No No	NA NA	
NOTE: TANK INVENTORY FORM TR-WM-137 or TR-WM-118 SIGNED BY THE OWNER MUST BE SUE			_		
WITH EACH CLOSURE or CHANGE-IN-SERVICE CHECKLIST					
D. D CLOSURE BY REMOVAL OR IN-PLACE	-				
1. General Requirements		mover	Inspector Verified	Inspector Not Present	NA
a. Product from piping drained into tank (or other container).	1 Y		GYDN		
b. Piping disconnected from tank and removed.	I Y		OY DN		
c. All liquid and residue removed from tank using explosion-proof pumps or hand pumps prior to removing tank from excavation.	<b>P</b> Y				
<ol> <li>All pump motors and suction hoses bonded to tank or otherwise grounded.</li> </ol>	1 Y		DY. DN		
e. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other focures	DY		BY DN		
f. Vent lines left connected until tanks purged.	DY D		BY.DN		
g. Tank openings temporarily plugged so vapors exit through vent.	DY N		BYDN		
h. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E.	D Y		OY DA		
2. Specific Closure-by-Removal Requirements					
a. Tank removed from excavation after PURGING/INERTING; placed on level ground and blocked to prevent movement.	1 Y	□ N			
b. Tank cleaned before being removed from site.	Y		VON		
c. Tank labeled in full compliance with API 1604 after removal but before being moved from site.			BYDN		
NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CON					
VAPOR STATE; VAPOR FREEING TREATMENT; MONTH/DAY/YEAR OF REMOVAL					
d. Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site.	ΠY	<b>N</b>	DYDN		
<ul> <li>Site security is provided while the excavation is open.</li> </ul>	Y	N			
3. Specific Closure-In-Place Requirements	1.1				
NOTE: CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION (DATCP) OR	LOCA	L AGEN	т.		
a. Tank properly cleaned to remove all sludge and residue.	ΠY	□ N			P
b. Solid inert material (sand, cyclone boiler slag, or pea gravel recommended) introduced and tank filled.	ΠY	<b>N</b>	DYDN		1
c. Vent line disconnected or removed.	ΠY	<b>N</b>			p
<ol> <li>Inventory form filed by owner with DATCP indicating closure in-place.</li> </ol>	ΠY	<b>N</b>	DY DN		1
E. C REPAIR, UPGRADE OR CHANGE-IN-SERVICE			. 1		
Written notification was provided to the local agent 5 days in advance of service date.	ΠY	<b>N</b>	NA NA		
All local permits were obtained before beginning service.	ΠY	ΠN	NA		
Form TR-WM-137 or 0 TR-WM-118 filed by owner with DATCP indicating change-in-service.	ΠY	ΠN	D 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 1	2 feet a	above gi	round.		
Inert gas using dry ice or liquid carbon dioxide.					
Inert gas using CO2 or N2 NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOS ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS					ON
Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank op					
Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing de					
Provide the second s	127				
Tank atmosphere monitored for flammable or combustible vapor levels prior to and during cleaning			ound.		
Calibrate combustible gas indicator and/or oxygen meter prior to use. Drop tube removed prior to clobottom, middle and upper portion of tank.		-	ohere. Tank s	pace monitored	at
TR-WM-140 (4/22) Formerly ERS-8951					
G. REMOVER/CLEANER INFORMATION					
Justin Pebboin Only 40	15	18	(	-3-2	2
REMOVER/CLEANER NAME (PRINT): REMOVER/CLEANER SIGNATURE CERTIFI	CATION	#	DAT	E TANK REMOVED	
I attest that the procedures and information which I have provided as the tank closure contractor are correct	and co	mply wi	th ATCP 93.		
Company expected to perform soil contamination assessment CEDAN CORP		401	1889		

Distribution: DATCP DNR Inspector Contractor Owner

H. INSPECTOR INFORMATION

ason harczewski

INSPECTOR NAME (PRINT):

.

468444 INSPECTOR CERTIFICATION #

DATCP

6610 Richfield

22

FDID # FOR LOCATION WHERE INSPECTION PERFORMED INSPECTOR NOTES:

(262) 307- 6440 INSPECTOR TELEPHONE.NUMBER

DATE SIGNED

Distribution: DATCP DNR Inspector Contractor Owner

Part B – To be completed by environmental professional	- Submit original Part B to the WDNR a	along with a <i>copy</i> of Part A
--	--	------------------------------------

I. TANK-SYSTEM SITE ASSESSMENT (TSSA)								
SITE NAME - Note: SITE NAME and address MUST MATCH with Part A Section 1.								
Millis Transfer LLC								
SITE ADDRESS (Not PO Box)								
3001 State HWY 167         Richfield         WI         53076								
1 7	e ATCP 93 and section II part B of ASSE EGROUND STORAGE TANK SYSTEMS		PECTED AND OE	IVIOUS I	RELEASES			
If a TSSA is required, then follow the p UNDERGROUND AND ABOVEGROU	rocedures detailed in ASSESSMENT AN IND STORAGE TANK SYSTEMS	D REPORTING OF SUSPECTED AND	O OBVIOUS RELE	EASES F	ROM			
1. Site Information								
a. Has there been a previously do	cumented release at this site? 🔲 Y 🛛 🕅	3 N						
If yes, provide the DATCP #		or DNR BRRT's #						
b. Number of active tanks at facilit	y prior to completion of current services:	USTs 1	ASTs 0					
(NOTE 1: Do not include previous	ly closed systems or system components	.)						
	in feet). (Photos must be provided.)	,						
EXCAVATION/TRENCH #	LENGTH	WIDTH	DEPTH		1			
Tank Bed	34	17	12					
Piping	24	4	3					
2. Visual Excavation/Trench Inspect	tion (Photos must be provided for "Ye	s" responses, except item b.)						
Do any of the following conditions exis	t in or about the excavation(s)?							
a. Stained soils: 🗌 Yes 🖾 No	b. Petroleum odor: ⊠Yes □N	lo c. Water In excavation/trench	Yes 🗌 No	)				
d. Free product in the excavation/	trench <sup>.</sup>	n or free product on water:	🖾 No					
3. Geology/Hydrogeology			_					
a. Depth to groundwater 13 feet b. Indicate type of geology <sup>2</sup> Silty sand								
4. Receptors								
a. Water supply well(s) within 250 feet of the facility? 🛛 Yes 🔲 No 🛛 If yes, specify: 🛛 Potable well on site, specific location unknown								
b. Surface water(s) within 1000 feet of the facility?  Yes No 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 ap	propriate. (Attach chain-of-custody and l	aboratory analytical reports.)						
c. Attach a detailed map of site fe	,							

#### J. NOTE RELEVANT OBSERVATIONS, SPECIFIC PROBLEMS OR CONCERNS BELOW

Groundwater was encountered in the bottom of the excavation. No base samples were collected. Sidewall samples were collected approximately 12 feet below ground surface, just above the water table. Soil samples S-1 and S-12 had elevated PID readings. The western tank wall was approximately 8 feet from the master pump. Soil sample S-1 was collected approximately 3 feet below the master pump. Soil sample S-12 was collected from the west side wall at approximately 12 feet. Sample S-12 acts as a confirmation sample from beneath soil sample S-1. 1,2,4-Trimethylbenzene was detected in the trip blank at 32J micrograms per kilogram, the result was detected between the laboratory limit of detection and the limit of quantification.

#### TR-WM-140 (4/22) Formerly ERS-8951

Sample ID #	Sample Location &	S	ample Colle	ction Methe	bd	Depth Below Tank/Piping (feet)	Field Screening Result (ppm)	GRO (mg/kg)	DRO
	Soil/Geologic Description	Grab	Shelby Tube	Direct Push	Split Spoon				(mg/kg)
S-1	East master piping / Silty sand	$\boxtimes$				-3	130.4		
S-2	South satellite piping / Silty sand	$\boxtimes$				-3	0.7		
S-3	West master piping / Silty sand	$\boxtimes$				-3	0.2		
S-4	North satellite piping / Silty sand	$\boxtimes$				-3	0.2		
S-5	Southwest wall / Silty sand	$\boxtimes$				-12	0.4		
S-6	South wall / Silty sand	$\boxtimes$				-12	0.3		
S-7	Southeast wall / Silty sand	$\boxtimes$				-12	0.2		
S-8	Northwest wall / Silty sand	$\boxtimes$				-12	0.4		
S-9	North wall / Silty sand	$\boxtimes$				-12	0.5		
S-10	Northeast wall / Silty sand	$\boxtimes$				-12	1.0		
S-11	East wall / Silty sand	$\boxtimes$				-12	1.4		
S-12	West wall / Silty sand	$\boxtimes$				-12	171.1		

Sample ID #	BENZENE	TOLUENE	ETHYLBENZENE	МТВЕ	TRIMETHYL - BENZENES (TOTAL)	XYLENES (TOTAL)	NAPHTHALENE
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
S-1	<17	<17	670	<45	8,200	3,300	<38
S-2	<8.5	<8.5	<11	<23	<22	<13	<19
S-3	<8.6	<8.6	<11	<23	<22	<13	<20
S-4	<8.6	<8.6	<11	<23	<22	<13	<20
S-5	<8.6	<8.7	<11	<23	<22	<13	<20
S-6	<8.4	<8.5	<11	<23	<22	<13	<19
S-7	<8.6	<8.6	<11	<23	<22	<13	<20
S-8	<8.5	<8.5	<11	<23	<22	<13	<19
S-9	<8.9	<8.9	<11	<24	<23	<13	<20
S-10	<8.7	<8.8	<11	<24	<23	<13	<20
S-11	<8.8	<8.9	<11	<24	<23	<13	<20
S-12	<8.6	12JB	1,100	<23	12,500	3,100	<20
Trip Blank	<7.3	<7.4	<9.2	<20	32J	<11	<17

#### K. TANK-SYSTEM SITE ASSESSMENT INFORMATION

As a tank-system site assessor certified under Wis. Admin. Code section ATCP 93.240, it is my opinion that there is no indication of a release of a regulated substance to the environment.

1

Sampling at the site indicates there has been a release to the environment. Pursuant to Wis. Admin. Code section ATCP 93.585 (2) (a) and Wis. Stats. section 292.11 (2) (a), the owner or operator or contractor performing work under chapter ATCP 93 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 168.26 (5). Each day of continued violation and each tank are treated as separate offenses.

Quin Lenz	2-	-15	494047
TANK-SYSTEM SITE ASSESSOR NAME (PRINT):	TANK-SYSTEM S	SITE ASSESSOR SIGNATURE	CERTIFICATION NO.
(920) 491 - 9081	6/20/2022	Cedar Corporation	
TANK-SYSTEM SITE ASSESSOR TELEPHONE NUMBER	DATE SIGNED	COMPANY NAME	

1

This document can be made available in alternate formats to individuals with disabilities upon request.

Bureau of Weights and Me. PO Box 7837 Madison, W (608) 224-4942	VI 53707-7837		14	<sup>7</sup> is. Admin.		TCP 93.140
UNDERGROUND FLAMMABLE/CO						
Personal information you provide may be						ats.).
	that have stored or currently store pe			and a second	stered.	
	ded for each tank. Send each compl					
Have you previously registered this tank by sut			ung/updating init	mation of		
This registration applies to a 🛛 tank 🗋 piping status tha	Abandoned with Water	Ls change: 6/3/2022	h Product			
Newly Installed	Closed - Removed		hout Product (empt	y)		
Temporarily Out of Service – Provide Date:	Closed - Filled with Inert Materials	Change of Site	Facility Address O	nly (complete	boxes 1.a	. and b. below)
Ownership Change (Indicate new owner name in box 2	– attach deed)					
IDENTIFICATION (Please Print)	the state of the state of the	Carlo Carlo Carlo	a construction	Lauraura	in the	1. 193. MARINE N
1. TANK SITE NAME		COUNTY		PHONE		
MILLIS TRANSFER INC a. CURRENT SITE STREET ADDRESS					STATE	ZIP
3001 STATE RD 167 W		RICHFIELD			WI	53076
b. PREVIOUS SITE STREET ADDRESS				)F:	STATE	ZIP
						· · · · · · · ·
Fire Dept. providing fire coverage where tank is located:	CITY TOWN VILLAGE of: RIC	CHFIELD #6610				
2. TANK OWNER LEGAL NAME		COUNTY		The Article And the Article Ar		ELL or LAND
MILLIS TRANSFER INC		JACKSON			9 - 2319	
MAILING ADDRESS P.O. BOX 550				)F:	STATE	ZIP 54615
3. PROPERTY OWNER NAME (if different from Tank Owner	r Logal Nama #2)	BLACK RIVER	nt from County #2)		WI	104010
	r Legai Name #2)	COUNTY (I' differe	int from County #2)			
PROPERTY OWNER ADDRESS (if different from Site Str	reet Address #1)			)F:	STATE	ZIP
4. CLASS A NAME	DOB		CERTIFICATION:	(Attach certi	ficate)	61 (20)
5. CLASS B NAME			CEDTIFICATION	(Alt	E-ata)	
5. CLASS B NAME	DOB		CERTIFICATION:	(Attach certi	ncate)	
SITE ID:	FACILITY ID # 412663		CUSTOMER ID #			
Tank Capacity (gallons): 15000	Tank Age (age or date installed):			Vehicle fue	ing: 🛛 Ye	es 🗆 No
LAND OWNER TYPE (Refer to back; check one):	State Federal Leased Federal	ral Owned 🔲 Tribal	Nation Municip	al Othe	r Governme	ent 🖾 Private
OCCUPANCY TYPE (check one) Refer to back						4
	Bulk Storage Terminal Storage	the second	Residential	School	Gov Gov	ernment Fleet
Agricultural (crop or livestock production)	Backup or Emergency Generator	Other (specify				
TANK CONSTRUCTION: Bare Steel Steel Steel - Fiber	glass Reinforced Plastic Composite			verfill Protection		⊠Yes □No ⊠Yes □No
□ Fiberglass □ Unknown □ Other (specif		e):		ank Double		⊡Yes ⊠No
TANK CATHODIC PROTECTION: Sacrificial And			L.			
TANK LEAK DETECTION METHOD: Automatic tank	gauging □ Interstitial monitoring ⇔ E	lectronic Ves	No Sta	tistical Invent	tory Recond	ciliation (SIR)
Manual tank gauging (only for tanks of 1,000 gallons or le	ess) 🔲 Unknown					
PIPING CONSTRUCTION: Single Wall Double Wal	Ki in the second s		-			
Bare Steel Coated Steel Fiberglass	Flexible Copper Unkr		Other:			
PIPING CATHODIC PROTECTION: Sacrificial Anode PRIMARY PIPING SYSTEM TYPE: Pressurized pipi	es  ☐ Impressed Current		rictor - MUD		known	
	ping with check valve at pump and inspect		ed if waste oil		KIIOWII	
	nitoring ⇔ Electronic □ Yes □ No			10		
Tightness testing Electronic line monitor - ELLD	가 안 <u>안 할 수 있</u> 는 것이 이 것이 가지 <u>있었다. 이 것이 가지 않아 있는 것이 가지 않아 있는 것이</u> 다.	Unknown				
TANK CONTENTS Current, or previous product (if tank now		Leaded 🛛 Unle	aded Gas-et	hanol blend:	% etha	anol 🛛 Diesei
Bio-Diesel:%		Premix New	Oil New oi	I – Flash poi	nt less than	200°F
□ Waste/Used Motor Oil ⇔ □ Used for Heating		Sand/Grave/Slurry*		wn		
Other (specify):	Chemical* Name:		CAS#			dia dia
Has a site assessment been completed? (see reverse side						(a
TANK OWNER LEGAL NAME (please print)		K E-MAIL				
TANK OWNER SIGNATURE (Note: By signing, signer is ac		r the storage test	etom \		-	
run of the local of the local by signing, signer is ac	cepung legal and financial responsibility to	The storage tank sy	stern.)	DATE		
- the lat	Notes Before second and	ma alde ald				
	Note: Refer to comments on reve	rse side of form.				

Wisconsin Department of Agriculture, Trade and Consumer Protection Bureau of Weights and Measures Storage Tank Regulation, PO Box 7837, Madison, WI 53707-7837

Phone: (608) 224-4942

Wis. Admin. Code §ATCP 93.115

FOR OFFICE USE ONLY

§ATCP 93.350

# ATCP 93 NOTIFICATION RECORD

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

TO: Darren Leone

(Refer to https://datcp.wi.gov/Pages/Programs\_Services/StorageTankContacts.aspx for a jurisdiction's authorized agent/department.)

**Note:** Only the notification form is required for non-flammable, non-combustible, hazardous liquid, or CERCLA tanks greater than or equal to 5,000 gallon capacity that are under the direct supervision of a qualified engineer. A plan review is not required. (ATCP 93.350(2)(b)). **LOCATION / IDENTIFICATION** 

**OFFICE LOCATION:** 

Millis Thansfer Inc			172663	FIR	E DEPT. PR	oviding Field		COTECT	ION COVERAGE
SITE STREET ADDRESS 300 (State Road 167 W		□ cn	Richfiel	d	VILLAGE	STATE	ZIP 530	76	washington
OWNER NAME Millis Tours fer Inc		PHON	IE NUMBER	TAN	COWNER E	MAIL			
OWNER STREET ADDRESS P.O. ISOX 550			Black H	WN	n Fall	VILLAGE		STATE WI	SHEIS
CONTRACTOR NAME	PHONE NUMBE	R	CELL NUMBER		EMAIL				
ADVANCED TANK SERVICE, INC	(715) 831 - 8	484	(715) 579 - 83	24	molson@	adv-tan	k.com		
STREET ADDRESS			TD Y	OWN		VILLAGE		STATE	ZIP
P.O. BOX 1072		EAU	CLAIRE					WI	54702
DATE WORK IS TO BEGIN DATE/TIME REQUESTED FOR TANK		ATCP	93 CERTIFIED INS JUSTIN			ISOR OR	QUALIF	FIED EN	GINEER

PROJECT WILL INVOLVE: (Check all that apply) Plan Approval No.:

Approval Date:

	UST	AST	No. of Tanks	Comments:
Tank Installation				
Dispenser POS Conversion				
Piping Installation or Upgrade				
Leak Detection Upgrade				
Spill or Overfill Protection				
Cathodic Protection or Interior Lining				15K DSL
CERCLA Chemical Tank(s) Only1				1512
Tank Closure	X		1	
Alternative Fuel Storage Tank Installation <sup>2,3,5</sup> (see footnotes below)				
Alternative Fuel Storage Tank Conversion <sup>4,5</sup> (see footnotes below)				TSSA: Cedar Conponation

Send Notice to DATCP (see address above). Installation inspection is not required if construction/installation is supervised by a qualified engineer.

<sup>2</sup>For LPO installations send notice to both the assigned LPO and DATCP General Inspection Inspector. DATCP General Inspection Inspector will be at the final inspection only. Alternative fuel storage tank systems shall not begin operation until the DATCP General Inspection Inspector has granted approval.

<sup>3</sup>For DATCP installation inspections send notice to only the assigned DATCP Installation Inspector. Alternative fuel storage tank systems shall not begin operation until the DATCP general inspector has granted approval.

<sup>4</sup>Send notice to only the DATCP General Inspection Inspector.

<sup>5</sup>See Conditional Approval letter and Notification email for Installation and general inspector information.

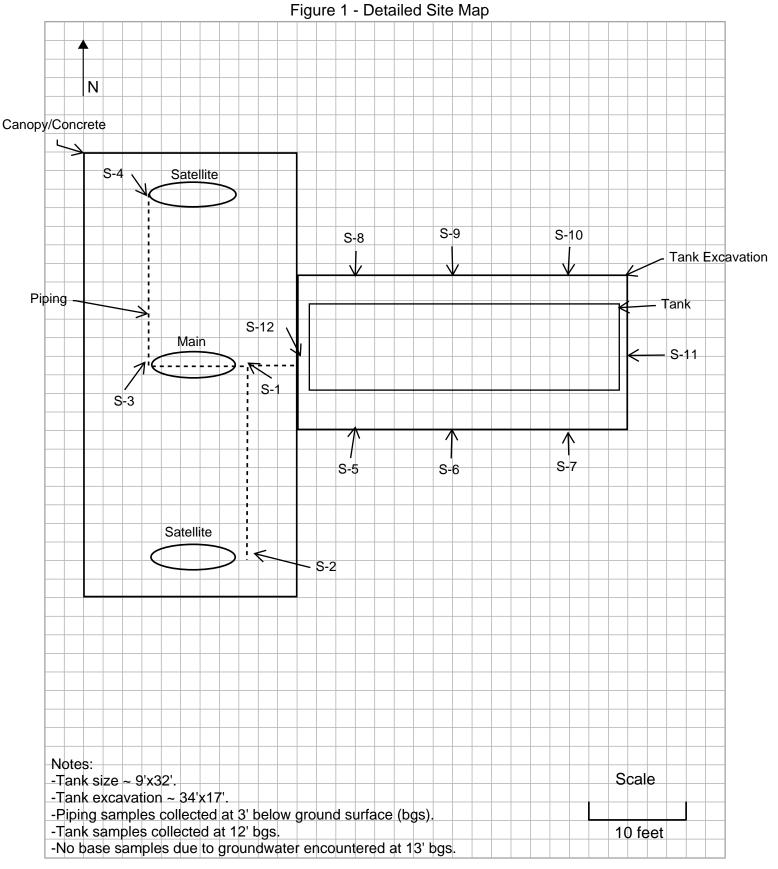
For USTs: If an Owner/Operator intends to begin operation immediately after the final inspection, they shall prepare and submit the documentation listed below at least 15 days prior to the final inspection:

- A TR-WM-137 Underground Flammable/Combustible Liquid Storage Tank Registration.
- A Wisconsin Operator Training Designation form.
- Affidavit of Financial Responsibility, certificate of insurance, and site schedule of covered locations and storage tanks.



604 Wilson Avenue Menomonie, WI 54751 engineering | architecture | environmental | surveying landscape architecture | planning | economic development JOB Millis Transfer LLC

BY QL DATE 6/3/2022





# PHOTOGRAPH LOG

Client Name: Wisconsin Department of Natural Resources Photo No. Date: 1 6/3/2022

Direction Photo Taken:

Northwest

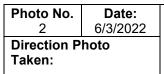
#### **Description:**

View of the tank location prior to removal.

Site Location: 3001 State Highway 167, Richfield WI **Project No.** 00590-0009

Wisconsi





East

#### **Description:**

View of the tank during removal.



Photo No. 3	<b>Date:</b> 6/3/2022	
Direction Pho Taken:	oto	
Northwest		
Northwest		
Description:		
	t and a	
15,000-gallon removed from	the Site.	B B3 ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (
<b>Direction Pho</b>	Date: 6/3/2022 Dto	
Taken:		
West		
Description:		
Area of the tai excavation.	nk	

Photo No.         Date:           5         6/3/2022	
Direction Photo Taken:	
South	
Description:	
View of the south sidewall of the tank excavation.	
Photo No.Date: 6/3/2022Direction Photo Taken:	
Southwest	
Description:	
View of the west sidewall of the tank excavation	

Photo No.         Date:           7         6/3/2022	
Direction Photo Taken:	
Northwest	
Description:	
View of the north sidewall of the tank excavation.	
Photo No.         Date:           8         6/3/2022	
Direction Photo Taken:	
Northeast	A PARTICIPAL AND A REAL PROPERTY
Description:	
View of the east sidewall of the tank excavation.	

Photo No. Date:	
9 6/3/2022 Direction Photo Taken:	
North	
Description:	and the second s
View of the pipe excavation running from the main to the northern satellite.	
Photo No. Date:	
10 6/3/2022	
Direction Photo Taken:	
North	A CONTRACT OF A
Description:	and the second of the second
View of the pipe	A REAL PROPERTY AND A REAL
excavation running from the main to the	The second secon
northern satellite.	

	<b>OSI</b> Environmental, Inc. STRAIGHT	BILL OF I	LADING	GMO- 4866
В		S		
I L	Advanced Tank Service #6497	Ĥ	Millis Transfer	
L	Pick-up 4 drums diesel	sludge	3001 Holy Hill Rd	
т	East Side of Bldg.	R	Richfield, WI 53076	
0	Phone number:	M Phone number:	-	

# The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on route to said destination. It is mutually agree, as to each carrier of all or any of said property over all or any portion of said route to destination, as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

Route: BEST WAY		
Delivery Carrier: 🔲 OSI Environmental, Inc.	US DOT Hazmat Reg. Number: MNT 280	0011586
Alternate Carrier:	US DOT Hazmat Reg. Number:	15
Number of		
Packages HM Description of articles		ERG
RQ, UN1203, Flammable Liquid, N.C	O.S. 3 PG II	128
Gasoline for Recycle APPROXIMATE GALLONS:		120
Designated Facility OSI ENVIRONMENTAL, 912 TESCH		
Specialty Product for Recycle		
Mineral Oil PG III (NON PCB:	PPM)	128
APPROXIMATE GALLONS:		
Designated Facility OSI ENVIRONMENTAL, 912 TESCH	H CT., WAUKESHA, WI 53186	
Specialty Product for Recycle		
Mineral Oil PG III (NON PCB:	PPM)	128
APPROXIMATE GALLONS:		
Designated Facility OSI ENVIRONMENTAL, 912 TESCH	H CT., WAUKESHA, WI 53186	
RQ, UN1202, Fuel Oil, Combustible	Liquid PG III	
Surplus Fuel for Recycling	DIRSE GUDGE	128
APPROXIMATE GALLONS: 22(	JE LUDE	
Designated Facility OSI ENVIRONMENTAL, 912 TESCH	H CT., WAUKESHA, WI 53186	
This is to certify that the above-named materials are properly classified, described, p to the applicable regulations of The Department of Transportation.	packaged, marked and labeled, and is in proper condition for transportat	ion according
Placards Required: Worke	Placards Supplied:NO _ Furpished By C	Carrier
		//
Shipper Signature: DOB IVIALA	Carrier Signature:	
Date: 6 13 - 22	Received By LAIS Mach	Date 613.22
CUSTOMER PROJECT NUMBER:		
UNIT #:	OSI Environmental, Inc. 800-732-5667 912 Tesch Court EPA # WIR000147397 Waukesha, WI 53186	WDNR #14740
OSI TANK NUMBER:		
EMERGENCY RESPONSE TE	ELEPHONE NUMBER: (800)-732-5667	
SHIF	PPER COPY	

# 🔅 eurofins

# Environment Testing America

# **ANALYTICAL REPORT**

Eurofins Chicago 2417 Bond Street University Park, IL 60484 Tel: (708)534-5200

#### Laboratory Job ID: 500-217596-1

Client Project/Site: Richfield Tank Pull

#### For:

..... Links

Review your project results through

EOL

Have a Question?

Ask-

The

www.eurofinsus.com/Env

Visit us at:

Expert

Cedar Corporation 1695 Bellevue Street Green Bay, Wisconsin 54311

Attn: Quin Lenz

and m brederich

Authorized for release by: 6/20/2022 7:46:03 AM

Sandie Fredrick, Project Manager II (920)261-1660 Sandra.Fredrick@et.eurofinsus.com

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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#### Job ID: 500-217596-1

#### Laboratory: Eurofins Chicago

#### Narrative

Job Narrative 500-217596-1

**Case Narrative** 

#### Comments

No additional comments.

#### Receipt

The samples were received on 6/4/2022 9:15 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.6° C.

#### GC/MS VOA

Method 8260B: The following sample was diluted due to the abundance of non-target analytes: S-1 (500-217596-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Job ID: 500-217596-1

#### **Detection Summary**

Client: Cedar Corporation Project/Site: Richfield Tank Pull

#### **Client Sample ID: S-1**

Lab Sample I	ID: 500-21759	6-1

Chefft Sample ID. 3-1						Lab Sample ID.	500-217590-1
Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac D Method	Prep Type
Ethylbenzene	670		29	21	ug/Kg	100 🔅 8260B	Total/NA
1,2,4-Trimethylbenzene	5700		110	41	ug/Kg	100 🌣 8260B	Total/NA
1,3,5-Trimethylbenzene	2500		110	44	ug/Kg	100 🌣 8260B	Total/NA
Xylenes, Total	3300		57	25	ug/Kg	100 🌣 8260B	Total/NA
Client Sample ID: S-2						Lab Sample ID:	500-217596-2
No Detections.							
Client Sample ID: S-3						Lab Sample ID:	500-217596-3
No Detections.							
Client Sample ID: S-4						Lab Sample ID:	500-217596-4
No Detections.							
Client Sample ID: S-5						Lab Sample ID:	500-217596-5
No Detections.							
Client Sample ID: S-6						Lab Sample ID:	500-217596-6
No Detections.							
Client Sample ID: S-7						Lab Sample ID:	500-217596-7
No Detections.							
Client Sample ID: S-8						Lab Sample ID:	500-217596-8
No Detections.							
Client Sample ID: S-9						Lab Sample ID:	500-217596-9
No Detections.							
Client Sample ID: S-10						Lab Sample ID: 5	00-217596-10
No Detections.							
Client Sample ID: S-11						Lab Sample ID: 5	00-217596-11
No Detections.							
Client Sample ID: S-12						Lab Sample ID: 5	00-217596-12
Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac D Method	Ргер Туре
Ethylbenzene	1100		15		ug/Kg	50 🔅 8260B	Total/NA
Toluene	12	JB	15	8.7	ug/Kg	50 🌣 8260B	Total/NA
1,2,4-Trimethylbenzene	9400		59	21	ug/Kg	50 🌣 8260B	Total/NA
1,3,5-Trimethylbenzene	3100		59	23	ug/Kg	50 🌣 8260B	Total/NA
Xylenes, Total	3100		30	40	ug/Kg	50 ☆ 8260B	Total/NA

#### **Client Sample ID: Trip Blank**

Analyte	Result Qualifier	LOQ	DL Unit	Dil Fac D Method	Prep Type
1,2,4-Trimethylbenzene	32 J	50	18 ug/Kg		Total/NA

This Detection Summary does not include radiochemical test results.

**Eurofins Chicago** 

Lab Sample ID: 500-217596-13

#### **Method Summary**

#### Client: Cedar Corporation Project/Site: Richfield Tank Pull

Method Method Description		Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
5035	Closed System Purge and Trap	SW846	TAL CHI

#### **Protocol References:**

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

#### Laboratory References:

TAL CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

## Sample Summary

#### Client: Cedar Corporation Project/Site: Richfield Tank Pull

Job ID:	500-217596-1
---------	--------------

5

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ab Sample ID	Client Sample ID	Matrix	Collected	Received
00-217596-1	S-1	Solid	06/03/22 12:40	06/04/22 09:15
00-217596-2	S-2	Solid	06/03/22 12:45	06/04/22 09:15
00-217596-3	S-3	Solid	06/03/22 12:50	06/04/22 09:15
00-217596-4	S-4	Solid	06/03/22 12:55	06/04/22 09:15
00-217596-5	S-5	Solid	06/03/22 13:00	06/04/22 09:15
00-217596-6	S-6	Solid	06/03/22 13:03	06/04/22 09:15
00-217596-7	S-7	Solid	06/03/22 13:06	06/04/22 09:15
00-217596-8	S-8	Solid	06/03/22 13:10	06/04/22 09:15
00-217596-9	S-9	Solid	06/03/22 13:15	06/04/22 09:15
00-217596-10	S-10	Solid	06/03/22 13:20	06/04/22 09:15
00-217596-11	S-11	Solid	06/03/22 13:25	06/04/22 09:15
00-217596-12	S-12	Solid	06/03/22 13:30	06/04/22 09:15
00-217596-13	Trip Blank	Solid	06/03/22 10:00	06/04/22 09:15

#### Client Sample ID: S-1 Date Collected: 06/03/22 12:40 Date Received: 06/04/22 09:15

Joh	ın	500-217596-1
000	ιυ.	300-217330-1

# Lab Sample ID: 500-217596-1

Matrix: Solid Percent Solids: 92.7

5

7

ganic Compou	unds (GC/I	MS)						
Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
<17		29	17	ug/Kg	☆	06/03/22 12:40	06/16/22 12:08	100
670		29	21	ug/Kg	¢	06/03/22 12:40	06/16/22 12:08	100
<45		110	45	ug/Kg	₽	06/03/22 12:40	06/16/22 12:08	100
<38		110	38	ug/Kg	¢	06/03/22 12:40	06/16/22 12:08	100
<17		29	17	ug/Kg	₽	06/03/22 12:40	06/16/22 12:08	100
5700		110	41	ug/Kg	¢	06/03/22 12:40	06/16/22 12:08	100
2500		110	44	ug/Kg	₽	06/03/22 12:40	06/16/22 12:08	100
3300		57	25	ug/Kg	¢	06/03/22 12:40	06/16/22 12:08	100
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
95		72 - 124				06/03/22 12:40	06/16/22 12:08	100
89		75 - 120				06/03/22 12:40	06/16/22 12:08	100
85		75 - 126				06/03/22 12:40	06/16/22 12:08	100
96		75 - 120				06/03/22 12:40	06/16/22 12:08	100
	Result           <17	Result         Qualifier           <17	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Result         Qualifier         LOQ         DL           <17	Result         Qualifier         LOQ         DL         Unit           <17	Result         Qualifier         LOQ         DL         Unit         D           <17	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$

#### Client Sample ID: S-2 Date Collected: 06/03/22 12:45 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1

#### Lab Sample ID: 500-217596-2 Matrix: Solid

Percent Solids: 92.2

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.5		15	8.5	ug/Kg	☆	06/03/22 12:45	06/16/22 12:33	50
Ethylbenzene	<11		15	11	ug/Kg	¢	06/03/22 12:45	06/16/22 12:33	50
Methyl tert-butyl ether	<23		58	23	ug/Kg	₽	06/03/22 12:45	06/16/22 12:33	50
Naphthalene	<19		58	19	ug/Kg	¢	06/03/22 12:45	06/16/22 12:33	50
Toluene	<8.5		15	8.5	ug/Kg	¢	06/03/22 12:45	06/16/22 12:33	50
1,2,4-Trimethylbenzene	<21		58	21	ug/Kg	¢	06/03/22 12:45	06/16/22 12:33	50
1,3,5-Trimethylbenzene	<22		58	22	ug/Kg		06/03/22 12:45	06/16/22 12:33	50
Xylenes, Total	<13		29	13	ug/Kg	₽	06/03/22 12:45	06/16/22 12:33	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124				06/03/22 12:45	06/16/22 12:33	50
Dibromofluoromethane (Surr)	89		75 - 120				06/03/22 12:45	06/16/22 12:33	50
1,2-Dichloroethane-d4 (Surr)	84		75 - 126				06/03/22 12:45	06/16/22 12:33	50
Toluene-d8 (Surr)	95		75 - 120				06/03/22 12:45	06/16/22 12:33	50

#### Client Sample ID: S-3 Date Collected: 06/03/22 12:50 Date Received: 06/04/22 09:15

Job ID: 500-217596-1
----------------------

#### Lab Sample ID: 500-217596-3 Matrix: Solid

Percent Solids: 91.9

5

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Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.6		15	8.6	ug/Kg	₽	06/03/22 12:50	06/16/22 12:59	50
Ethylbenzene	<11		15	11	ug/Kg	₽	06/03/22 12:50	06/16/22 12:59	50
Methyl tert-butyl ether	<23		59	23	ug/Kg	¢	06/03/22 12:50	06/16/22 12:59	50
Naphthalene	<20		59	20	ug/Kg	₽	06/03/22 12:50	06/16/22 12:59	50
Toluene	<8.6		15	8.6	ug/Kg	₽	06/03/22 12:50	06/16/22 12:59	50
1,2,4-Trimethylbenzene	<21		59	21	ug/Kg	¢	06/03/22 12:50	06/16/22 12:59	50
1,3,5-Trimethylbenzene	<22		59	22	ug/Kg		06/03/22 12:50	06/16/22 12:59	50
Xylenes, Total	<13		29	13	ug/Kg	₽	06/03/22 12:50	06/16/22 12:59	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124				06/03/22 12:50	06/16/22 12:59	50
Dibromofluoromethane (Surr)	87		75 - 120				06/03/22 12:50	06/16/22 12:59	50
1,2-Dichloroethane-d4 (Surr)	84		75 - 126				06/03/22 12:50	06/16/22 12:59	50
Toluene-d8 (Surr)	98		75 - 120				06/03/22 12:50	06/16/22 12:59	50

#### Client Sample ID: S-4 Date Collected: 06/03/22 12:55 Date Received: 06/04/22 09:15

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#### Lab Sample ID: 500-217596-4 Matrix: Solid

Percent Solids: 91.9

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Method: 8260B - Volatile O	rganic Compoι	unds (GC/	MS)						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.6		15	8.6	ug/Kg	₽	06/03/22 12:55	06/16/22 13:25	50
Ethylbenzene	<11		15	11	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
Methyl tert-butyl ether	<23		59	23	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
Naphthalene	<20		59	20	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
Toluene	<8.6		15	8.6	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
1,2,4-Trimethylbenzene	<21		59	21	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
1,3,5-Trimethylbenzene	<22		59	22	ug/Kg	\$	06/03/22 12:55	06/16/22 13:25	50
Xylenes, Total	<13		29	13	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124				06/03/22 12:55	06/16/22 13:25	50
Dibromofluoromethane (Surr)	86		75 - 120				06/03/22 12:55	06/16/22 13:25	50
1,2-Dichloroethane-d4 (Surr)	85		75 - 126				06/03/22 12:55	06/16/22 13:25	50
Toluene-d8 (Surr)	96		75 - 120				06/03/22 12:55	06/16/22 13:25	50

#### Client Sample ID: S-5 Date Collected: 06/03/22 13:00 Date Received: 06/04/22 09:15

Job	ID:	500-21759	96-1

#### Lab Sample ID: 500-217596-5 Matrix: Solid

Percent Solids: 91.4

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Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.6		15	8.6	ug/Kg	₽	06/03/22 13:00	06/16/22 13:51	50
Ethylbenzene	<11		15	11	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
Methyl tert-butyl ether	<23		59	23	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
Naphthalene	<20		59	20	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
Toluene	<8.7		15	8.7	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
1,2,4-Trimethylbenzene	<21		59	21	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
1,3,5-Trimethylbenzene	<22		59	22	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
Xylenes, Total	<13		30	13	ug/Kg	₽	06/03/22 13:00	06/16/22 13:51	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		72 - 124				06/03/22 13:00	06/16/22 13:51	50
Dibromofluoromethane (Surr)	87		75 - 120				06/03/22 13:00	06/16/22 13:51	50
1,2-Dichloroethane-d4 (Surr)	85		75 - 126				06/03/22 13:00	06/16/22 13:51	50
Toluene-d8 (Surr)	96		75 - 120				06/03/22 13:00	06/16/22 13:51	50

#### Client Sample ID: S-6 Date Collected: 06/03/22 13:03 Date Received: 06/04/22 09:15

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#### Lab Sample ID: 500-217596-6 Matrix: Solid

Percent Solids: 92.2

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Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.4		14	8.4	ug/Kg	☆	06/03/22 13:03	06/16/22 14:17	50
Ethylbenzene	<11		14	11	ug/Kg	¢	06/03/22 13:03	06/16/22 14:17	50
Methyl tert-butyl ether	<23		58	23	ug/Kg	₽	06/03/22 13:03	06/16/22 14:17	50
Naphthalene	<19		58	19	ug/Kg	₽	06/03/22 13:03	06/16/22 14:17	50
Toluene	<8.5		14	8.5	ug/Kg	¢	06/03/22 13:03	06/16/22 14:17	50
1,2,4-Trimethylbenzene	<21		58	21	ug/Kg	¢	06/03/22 13:03	06/16/22 14:17	50
1,3,5-Trimethylbenzene	<22		58	22	ug/Kg	₽	06/03/22 13:03	06/16/22 14:17	50
Xylenes, Total	<13		29	13	ug/Kg	¢	06/03/22 13:03	06/16/22 14:17	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 124				06/03/22 13:03	06/16/22 14:17	50
Dibromofluoromethane (Surr)	85		75 - 120				06/03/22 13:03	06/16/22 14:17	50
1,2-Dichloroethane-d4 (Surr)	83		75 - 126				06/03/22 13:03	06/16/22 14:17	50
Toluene-d8 (Surr)	97		75 - 120				06/03/22 13:03	06/16/22 14:17	50

#### Client Sample ID: S-7 Date Collected: 06/03/22 13:06 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1

#### Lab Sample ID: 500-217596-7 Matrix: Solid

Percent Solids: 91.4

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Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.6		15	8.6	ug/Kg	¢	06/03/22 13:06	06/16/22 14:42	50
Ethylbenzene	<11		15	11	ug/Kg	₽	06/03/22 13:06	06/16/22 14:42	50
Methyl tert-butyl ether	<23		59	23	ug/Kg	¢	06/03/22 13:06	06/16/22 14:42	50
Naphthalene	<20		59	20	ug/Kg	₽	06/03/22 13:06	06/16/22 14:42	50
Toluene	<8.6		15	8.6	ug/Kg	₽	06/03/22 13:06	06/16/22 14:42	50
1,2,4-Trimethylbenzene	<21		59	21	ug/Kg	¢	06/03/22 13:06	06/16/22 14:42	50
1,3,5-Trimethylbenzene	<22		59	22	ug/Kg	₽	06/03/22 13:06	06/16/22 14:42	50
Xylenes, Total	<13		29	13	ug/Kg	¢	06/03/22 13:06	06/16/22 14:42	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		72 - 124				06/03/22 13:06	06/16/22 14:42	50
Dibromofluoromethane (Surr)	87		75 - 120				06/03/22 13:06	06/16/22 14:42	50
1,2-Dichloroethane-d4 (Surr)	84		75 - 126				06/03/22 13:06	06/16/22 14:42	50
Toluene-d8 (Surr)	97		75 - 120				06/03/22 13:06	06/16/22 14:42	50

#### Client Sample ID: S-8 Date Collected: 06/03/22 13:10 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1

#### Lab Sample ID: 500-217596-8 Matrix: Solid

Percent Solids: 92.8

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Method: 8260B - Volatile O Analyte	•	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.5		14	8.5	ug/Kg	— <u> </u>	06/03/22 13:10	06/16/22 15:08	50
Ethylbenzene	<11		14	11	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
Methyl tert-butyl ether	<23		58	23	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
Naphthalene	<19		58	19	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
Toluene	<8.5		14	8.5	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
1,2,4-Trimethylbenzene	<21		58	21	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
1,3,5-Trimethylbenzene	<22		58	22	ug/Kg		06/03/22 13:10	06/16/22 15:08	50
Xylenes, Total	<13		29	13	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124				06/03/22 13:10	06/16/22 15:08	50
Dibromofluoromethane (Surr)	89		75 - 120				06/03/22 13:10	06/16/22 15:08	50
1,2-Dichloroethane-d4 (Surr)	86		75 - 126				06/03/22 13:10	06/16/22 15:08	50
Toluene-d8 (Surr)	98		75 - 120				06/03/22 13:10	06/16/22 15:08	50

#### Client Sample ID: S-9 Date Collected: 06/03/22 13:15 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1
000		000 2110000 1

#### Lab Sample ID: 500-217596-9 Matrix: Solid

Percent Solids: 90.1

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.9		15	8.9	ug/Kg	₽	06/03/22 13:15	06/16/22 15:33	50
Ethylbenzene	<11		15	11	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
Methyl tert-butyl ether	<24		61	24	ug/Kg	₽	06/03/22 13:15	06/16/22 15:33	50
Naphthalene	<20		61	20	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
Toluene	<8.9		15	8.9	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
1,2,4-Trimethylbenzene	<22		61	22	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
1,3,5-Trimethylbenzene	<23		61	23	ug/Kg		06/03/22 13:15	06/16/22 15:33	50
Xylenes, Total	<13		30	13	ug/Kg	₽	06/03/22 13:15	06/16/22 15:33	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		72 - 124				06/03/22 13:15	06/16/22 15:33	50
Dibromofluoromethane (Surr)	86		75 - 120				06/03/22 13:15	06/16/22 15:33	50
1,2-Dichloroethane-d4 (Surr)	83		75 - 126				06/03/22 13:15	06/16/22 15:33	50
Toluene-d8 (Surr)	96		75 - 120				06/03/22 13:15	06/16/22 15:33	50

#### Client Sample ID: S-10 Date Collected: 06/03/22 13:20 Date Received: 06/04/22 09:15

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#### Lab Sample ID: 500-217596-10 Matrix: Solid

Percent Solids: 91.7

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Method: 8260B - Volatile O	rganic Compoι	u <mark>nds (GC</mark> /	MS)						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.7		15	8.7	ug/Kg	<u></u>	06/03/22 13:20	06/16/22 15:58	50
Ethylbenzene	<11		15	11	ug/Kg	₽	06/03/22 13:20	06/16/22 15:58	50
Methyl tert-butyl ether	<24		60	24	ug/Kg	₽	06/03/22 13:20	06/16/22 15:58	50
Naphthalene	<20		60	20	ug/Kg	₽	06/03/22 13:20	06/16/22 15:58	50
Toluene	<8.8		15	8.8	ug/Kg	₽	06/03/22 13:20	06/16/22 15:58	50
1,2,4-Trimethylbenzene	<21		60	21	ug/Kg	₽	06/03/22 13:20	06/16/22 15:58	50
1,3,5-Trimethylbenzene	<23		60	23	ug/Kg	⇔	06/03/22 13:20	06/16/22 15:58	50
Xylenes, Total	<13		30	13	ug/Kg	¢	06/03/22 13:20	06/16/22 15:58	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 124				06/03/22 13:20	06/16/22 15:58	50
Dibromofluoromethane (Surr)	84		75 - 120				06/03/22 13:20	06/16/22 15:58	50
1,2-Dichloroethane-d4 (Surr)	84		75 - 126				06/03/22 13:20	06/16/22 15:58	50
Toluene-d8 (Surr)	99		75 - 120				06/03/22 13:20	06/16/22 15:58	50

#### Client Sample ID: S-11 Date Collected: 06/03/22 13:25 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1
000		000 2110000 1

#### Lab Sample ID: 500-217596-11 Matrix: Solid

Percent Solids: 90.8

Method: 8260B - Volatile Or	ganic Compo	unds (GC/	MS)						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.8		15	8.8	ug/Kg	\$	06/03/22 13:25	06/16/22 16:23	50
Ethylbenzene	<11		15	11	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
Methyl tert-butyl ether	<24		60	24	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
Naphthalene	<20		60	20	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
Toluene	<8.9		15	8.9	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
1,2,4-Trimethylbenzene	<22		60	22	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
1,3,5-Trimethylbenzene	<23		60	23	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
Xylenes, Total	<13		30	13	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		72 - 124				06/03/22 13:25	06/16/22 16:23	50
Dibromofluoromethane (Surr)	89		75 - 120				06/03/22 13:25	06/16/22 16:23	50
1,2-Dichloroethane-d4 (Surr)	87		75 - 126				06/03/22 13:25	06/16/22 16:23	50
Toluene-d8 (Surr)	96		75 - 120				06/03/22 13:25	06/16/22 16:23	50

#### **Client Sample Results**

#### Client Sample ID: S-12 Date Collected: 06/03/22 13:30 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1
000		000 2110000 1

#### Lab Sample ID: 500-217596-12 Matrix: Solid

Percent Solids: 91.7

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Method: 8260B - Volatile O	rganic Compo	unds (GC/	MS)						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.6		15	8.6	ug/Kg	₽	06/03/22 13:30	06/16/22 16:50	50
Ethylbenzene	1100		15	11	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
Methyl tert-butyl ether	<23		59	23	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
Naphthalene	<20		59	20	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
Toluene	12	JB	15	8.7	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
1,2,4-Trimethylbenzene	9400		59	21	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
1,3,5-Trimethylbenzene	3100		59	23	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
Xylenes, Total	3100		30	13	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		72 - 124				06/03/22 13:30	06/16/22 16:50	50
Dibromofluoromethane (Surr)	88		75 - 120				06/03/22 13:30	06/16/22 16:50	50
1,2-Dichloroethane-d4 (Surr)	86		75 - 126				06/03/22 13:30	06/16/22 16:50	50
Toluene-d8 (Surr)	99		75 - 120				06/03/22 13:30	06/16/22 16:50	50

#### **Client Sample Results**

#### **Client Sample ID: Trip Blank** Date Collected: 06/03/22 10:00 Date Received: 06/04/22 09:

Date Collected: 06/03/22 10:00								Matrix	: Solia
Date Received: 06/04/22 09:15									
Method: 8260B - Volatile Orga	nic Compo	unds (GC/M	S)						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<7.3		13	7.3	ug/Kg		06/03/22 10:00	06/16/22 17:17	50

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Benzene	<7.3		13	7.3	ug/Kg	06/03/22 10:00	06/16/22 17:17	50
Ethylbenzene	<9.2		13	9.2	ug/Kg	06/03/22 10:00	06/16/22 17:17	50
Methyl tert-butyl ether	<20		50	20	ug/Kg	06/03/22 10:00	06/16/22 17:17	50
Naphthalene	<17		50	17	ug/Kg	06/03/22 10:00	06/16/22 17:17	50
Toluene	<7.4		13	7.4	ug/Kg	06/03/22 10:00	06/16/22 17:17	50
1,2,4-Trimethylbenzene	32 .	J	50	18	ug/Kg	06/03/22 10:00	06/16/22 17:17	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg	06/03/22 10:00	06/16/22 17:17	50
Xylenes, Total	<11		25	11	ug/Kg	06/03/22 10:00	06/16/22 17:17	50
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 124			06/03/22 10:00	06/16/22 17:17	50
Dibromofluoromethane (Surr)	86		75 - 120			06/03/22 10:00	06/16/22 17:17	50
1,2-Dichloroethane-d4 (Surr)	85		75 - 126			06/03/22 10:00	06/16/22 17:17	50
Toluene-d8 (Surr)	96		75 - 120			06/03/22 10:00	06/16/22 17:17	50

#### Lab Sample ID: 500-217596-13 Matrix: Solid

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## **Definitions/Glossary**

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#### Qualifiers

GC/MS VO	A contract of the second s	
Qualifier	Qualifier Description	
В	Compound was found in the blank and sample.	
J	Reported value was between the limit of detection and the limit of quantitation.	5

#### Glossary

Clossury	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# GC/MS VOA

#### Prep Batch: 661137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217596-1	S-1	Total/NA	Solid	5035	
500-217596-2	S-2	Total/NA	Solid	5035	
500-217596-3	S-3	Total/NA	Solid	5035	
500-217596-4	S-4	Total/NA	Solid	5035	
500-217596-5	S-5	Total/NA	Solid	5035	
500-217596-6	S-6	Total/NA	Solid	5035	
500-217596-7	S-7	Total/NA	Solid	5035	
500-217596-8	S-8	Total/NA	Solid	5035	
500-217596-9	S-9	Total/NA	Solid	5035	
500-217596-10	S-10	Total/NA	Solid	5035	
500-217596-11	S-11	Total/NA	Solid	5035	
500-217596-12	S-12	Total/NA	Solid	5035	
500-217596-13	Trip Blank	Total/NA	Solid	5035	
LB3 500-661137/21-A	Method Blank	Total/NA	Solid	5035	
LCS 500-661137/22-A	Lab Control Sample	Total/NA	Solid	5035	
500-217596-2 MS	S-2	Total/NA	Solid	5035	
500-217596-2 MSD	S-2	Total/NA	Solid	5035	

#### Analysis Batch: 661273

Lab Sample ID LB3 500-661137/21-A	Client Sample ID Method Blank	Prep Type Total/NA	Matrix Solid	Method 8260B	Prep Batch 661137
MB 500-661273/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-661137/22-A	Lab Control Sample	Total/NA	Solid	8260B	661137 1
LCS 500-661273/4	Lab Control Sample	Total/NA	Solid	8260B	

#### Analysis Batch: 661438

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
500-217596-1	S-1	Total/NA	Solid	8260B	661137
500-217596-2	S-2	Total/NA	Solid	8260B	661137
500-217596-3	S-3	Total/NA	Solid	8260B	661137
500-217596-4	S-4	Total/NA	Solid	8260B	661137
500-217596-5	S-5	Total/NA	Solid	8260B	661137
500-217596-6	S-6	Total/NA	Solid	8260B	661137
500-217596-7	S-7	Total/NA	Solid	8260B	661137
500-217596-8	S-8	Total/NA	Solid	8260B	661137
500-217596-9	S-9	Total/NA	Solid	8260B	661137
500-217596-10	S-10	Total/NA	Solid	8260B	661137
500-217596-11	S-11	Total/NA	Solid	8260B	661137
500-217596-12	S-12	Total/NA	Solid	8260B	661137
500-217596-13	Trip Blank	Total/NA	Solid	8260B	661137
MB 500-661438/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-661438/4	Lab Control Sample	Total/NA	Solid	8260B	
500-217596-2 MS	S-2	Total/NA	Solid	8260B	661137
500-217596-2 MSD	S-2	Total/NA	Solid	8260B	661137

## **General Chemistry**

#### Analysis Batch: 659958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217596-1	S-1	Total/NA	Solid	Moisture	
500-217596-2	S-2	Total/NA	Solid	Moisture	

# **QC Association Summary**

#### **General Chemistry (Continued)**

#### Analysis Batch: 659958 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217596-3	S-3	Total/NA	Solid	Moisture	
500-217596-4	S-4	Total/NA	Solid	Moisture	
500-217596-5	S-5	Total/NA	Solid	Moisture	
500-217596-6	S-6	Total/NA	Solid	Moisture	
500-217596-7	S-7	Total/NA	Solid	Moisture	
500-217596-8	S-8	Total/NA	Solid	Moisture	
500-217596-9	S-9	Total/NA	Solid	Moisture	
500-217596-10	S-10	Total/NA	Solid	Moisture	
500-217596-11	S-11	Total/NA	Solid	Moisture	
500-217596-12	S-12	Total/NA	Solid	Moisture	

# **Surrogate Summary**

# Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

## Prep Type: Total/NA

			Pe	rcent Surre	ogate Recovery	(Acceptance Limit
		BFB	DBFM	DCA	TOL	
_ab Sample ID	Client Sample ID	(72-124)	(75-120)	(75-126)	(75-120)	
00-217596-1	S-1	95	89	85	96	
00-217596-2	S-2	96	89	84	95	
0-217596-2 MS	S-2	96	90	83	99	
0-217596-2 MSD	S-2	96	88	82	99	
0-217596-3	S-3	96	87	84	98	
0-217596-4	S-4	96	86	85	96	
0-217596-5	S-5	98	87	85	96	
0-217596-6	S-6	97	85	83	97	
0-217596-7	S-7	98	87	84	97	
0-217596-8	S-8	96	89	86	98	
)-217596-9	S-9	98	86	83	96	
)-217596-10	S-10	97	84	84	99	
0-217596-11	S-11	100	89	87	96	
0-217596-12	S-12	101	88	86	99	
0-217596-13	Trip Blank	97	86	85	96	
33 500-661137/21-A	Method Blank	108	102	107	97	
CS 500-661137/22-A	Lab Control Sample	103	108	110	98	
CS 500-661273/4	Lab Control Sample	109	105	110	111	
CS 500-661438/4	Lab Control Sample	90	91	81	98	
IB 500-661273/6	Method Blank	112	106	107	98	
IB 500-661438/6	Method Blank	97	86	84	98	

#### Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

# Method: 8260B - Volatile Organic Compounds (GC/MS)

#### Lab Sample ID: LB3 500-661137/21-A Matrix: Solid Analysis Batch: 661273

	LB3 L	B3							
Analyte	Result Q	ualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<7.3		13	7.3	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
Naphthalene	<17		50	17	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
Toluene	9.92 J		13	7.4	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
Xylenes, Total	<11		25	11	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
	LB3 L	B3							

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		72 - 124	06/14/22 11:30	06/15/22 15:59	50
Dibromofluoromethane (Surr)	102		75 - 120	06/14/22 11:30	06/15/22 15:59	50
1,2-Dichloroethane-d4 (Surr)	107		75 - 126	06/14/22 11:30	06/15/22 15:59	50
Toluene-d8 (Surr)	97		75 - 120	06/14/22 11:30	06/15/22 15:59	50

#### Lab Sample ID: LCS 500-661137/22-A Matrix: Solid Analysis Batch: 661273

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	2500	2570		ug/Kg		103	70 - 120
Ethylbenzene	2500	2540		ug/Kg		101	70 - 123
Methyl tert-butyl ether	2500	2870		ug/Kg		115	55 - 123
Naphthalene	2500	3400		ug/Kg		136	53 - 144
Toluene	2500	2440		ug/Kg		98	70 - 125
1,2,4-Trimethylbenzene	2500	2590		ug/Kg		103	70 - 123
1,3,5-Trimethylbenzene	2500	2650		ug/Kg		106	70 - 123
Xylenes, Total	5000	5000		ug/Kg		100	70 - 125

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		72 - 124
Dibromofluoromethane (Surr)	108		75 - 120
1,2-Dichloroethane-d4 (Surr)	110		75 - 126
Toluene-d8 (Surr)	98		75 - 120

#### Lab Sample ID: 500-217596-2 MS Matrix: Solid Analysis Batch: 661438

Analysis Batch: 661438	Sample	Sample	Spike	MS	MS				Prep Batch: 661137 %Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<8.5		2900	2680		ug/Kg	¢	92	70 - 120
Ethylbenzene	<11		2900	2940		ug/Kg	¢	101	70 - 123
Methyl tert-butyl ether	<23		2900	2310		ug/Kg	¢	80	55 - 123
Naphthalene	<19		2900	2370		ug/Kg	₽	82	53 - 144
Toluene	<8.5		2900	2790		ug/Kg	¢	96	70 - 125
1,2,4-Trimethylbenzene	<21		2900	2930		ug/Kg	¢	101	70 - 123
1,3,5-Trimethylbenzene	<22		2900	3060		ug/Kg	₽	105	70 - 123
Xylenes, Total	<13		5800	5690		ug/Kg	¢	98	70 - 125

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**Client Sample ID: S-2** 

**Prep Type: Total/NA** 

5 6 7

11 12

#### **Client Sample ID: Method Blank** Prep Type: Total/NA Prep Batch: 661137

**Client Sample ID: Lab Control Sample** 

Prep Type: Total/NA Prep Batch: 661137

ug/Kg	106	70 - 123	
ug/Kg	100	70 - 125	

# **QC Sample Results**

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		72 - 124
Dibromofluoromethane (Surr)	90		75 - 120
1,2-Dichloroethane-d4 (Surr)	83		75 - 126
Toluene-d8 (Surr)	99		75 - 120

#### Lab Sample ID: 500-217596-2 MSD Matrix: Solid Analysis Batch: 661438

Analysis Batch: 661438									Prep Ba	atch: 60	61137
-	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<8.5		2900	2450		ug/Kg	¢	85	70 - 120	9	30
Ethylbenzene	<11		2900	2720		ug/Kg	¢	94	70 - 123	8	30
Methyl tert-butyl ether	<23		2900	2120		ug/Kg	¢	73	55 - 123	9	30
Naphthalene	<19		2900	2630		ug/Kg	¢	91	53 - 144	10	30
Toluene	<8.5		2900	2640		ug/Kg	¢	91	70 - 125	6	30
1,2,4-Trimethylbenzene	<21		2900	2720		ug/Kg	¢	94	70 - 123	7	30
1,3,5-Trimethylbenzene	<22		2900	2830		ug/Kg	¢	98	70 - 123	8	30
Xylenes, Total	<13		5800	5250		ug/Kg	¢	90	70 - 125	8	30
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								

	III OD	MICD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		72 - 124
Dibromofluoromethane (Surr)	88		75 - 120
1,2-Dichloroethane-d4 (Surr)	82		75 - 126
Toluene-d8 (Surr)	99		75 - 120

< 0.38

< 0.22

#### Lab Sample ID: MB 500-661273/6 **Matrix: Solid**

1,3,5-Trimethylbenzene

Xylenes, Total

#### Analysis Batch: 661273 MB MB Analyte **Result Qualifier** LOQ DL Unit D Prepared Analyzed Dil Fac Benzene <0.15 0.25 0.15 ug/Kg 06/15/22 12:46 0.18 ug/Kg Ethylbenzene <0.18 0.25 06/15/22 12:46 Methyl tert-butyl ether < 0.39 1.0 0.39 ug/Kg 06/15/22 12:46 Naphthalene < 0.33 1.0 0.33 ug/Kg 06/15/22 12:46 Toluene <0.15 0.25 0.15 ug/Kg 06/15/22 12:46 1,2,4-Trimethylbenzene 06/15/22 12:46 < 0.36 1.0 0.36 ug/Kg

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		72 - 124		06/15/22 12:46	1
Dibromofluoromethane (Surr)	106		75 - 120		06/15/22 12:46	1
1,2-Dichloroethane-d4 (Surr)	107		75 - 126		06/15/22 12:46	1
Toluene-d8 (Surr)	98		75 - 120		06/15/22 12:46	1

1.0

0.50

0.38 ug/Kg

0.22 ug/Kg

#### Lab Sample ID: LCS 500-661273/4 **Client Sample ID: Lab Control Sample** Matrix: Solid Prep Type: Total/NA Analysis Batch: 661273 Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits Benzene 50.0 46.9 94 70 - 120 ug/Kg

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Job ID: 500-217596-1

**Client Sample ID: S-2** 

Prep Type: Total/NA

#### **Client Sample ID: Method Blank** Prep Type: Total/NA

06/15/22 12:46

06/15/22 12:46

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# Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

#### Lab Sample ID: LCS 500-661273/4 Matrix: Solid

#### Analysis Batch: 661273

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Ethylbenzene	50.0	49.6		ug/Kg		99	70 - 123
Methyl tert-butyl ether	50.0	45.4		ug/Kg		91	55 - 123
Naphthalene	50.0	61.1		ug/Kg		122	53 - 144
Toluene	50.0	49.4		ug/Kg		99	70 - 125
1,2,4-Trimethylbenzene	50.0	52.0		ug/Kg		104	70 - 123
1,3,5-Trimethylbenzene	50.0	54.1		ug/Kg		108	70 - 123
Xylenes, Total	100	97.3		ug/Kg		97	70 - 125

	LCS LCS					
Surrogate	%Recovery	Qualifier	Limits			
4-Bromofluorobenzene (Surr)	109		72 - 124			
Dibromofluoromethane (Surr)	105		75 - 120			
1,2-Dichloroethane-d4 (Surr)	110		75 - 126			
Toluene-d8 (Surr)	111		75 - 120			

#### Lab Sample ID: MB 500-661438/6 Matrix: Solid Analysis Batch: 661438

	MB MB							
Analyte Re	sult Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene <	0.15	0.25	0.15	ug/Kg			06/16/22 11:41	1
Ethylbenzene <	).18	0.25	0.18	ug/Kg			06/16/22 11:41	1
Methyl tert-butyl ether <	).39	1.0	0.39	ug/Kg			06/16/22 11:41	1
Naphthalene <	).33	1.0	0.33	ug/Kg			06/16/22 11:41	1
Toluene <	0.15	0.25	0.15	ug/Kg			06/16/22 11:41	1
1,2,4-Trimethylbenzene <	0.36	1.0	0.36	ug/Kg			06/16/22 11:41	1
1,3,5-Trimethylbenzene <	).38	1.0	0.38	ug/Kg			06/16/22 11:41	1
Xylenes, Total <	).22	0.50	0.22	ug/Kg			06/16/22 11:41	1

	МВ	ΜΒ			
Surrogate	%Recovery	Qualifier	Limits	Prepared Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 124	06/16/22 11:41	1
Dibromofluoromethane (Surr)	86		75 - 120	06/16/22 11:41	1
1,2-Dichloroethane-d4 (Surr)	84		75 - 126	06/16/22 11:41	1
Toluene-d8 (Surr)	98		75 - 120	06/16/22 11:41	1

#### Lab Sample ID: LCS 500-661438/4 Matrix: Solid Analysis Batch: 661438

#### **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

**Client Sample ID: Method Blank** 

Prep Type: Total/NA

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	50.0	54.3		ug/Kg		109	70 - 120	
Ethylbenzene	50.0	60.0		ug/Kg		120	70 - 123	
Methyl tert-butyl ether	50.0	46.0		ug/Kg		92	55 - 123	
Naphthalene	50.0	48.3		ug/Kg		97	53 - 144	
Toluene	50.0	56.1		ug/Kg		112	70 - 125	
1,2,4-Trimethylbenzene	50.0	59.1		ug/Kg		118	70 - 123	
1,3,5-Trimethylbenzene	50.0	61.4		ug/Kg		123	70 - 123	
Xylenes, Total	100	117		ug/Kg		117	70 - 125	

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Toluene-d8 (Surr)

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

98

Lab Sample ID: LCS 500- Matrix: Solid Analysis Batch: 661438	Client Sample ID: Lab Contro Prep Type:			
Analysis Batch. 001430	LCS	LCS		
Surrogate	%Recovery	Qualifier	Limits	
4-Bromofluorobenzene (Surr)	90		72 - 124	
Dibromofluoromethane (Surr)	91		75 - 120	
1,2-Dichloroethane-d4 (Surr)	81		75 - 126	

75 - 120

12

#### Lab Sample ID: 500-217596-1 Client Sample ID: S-1 Date Collected: 06/03/22 12:40 Matrix: Solid Date Received: 06/04/22 09:15 Batch Dilution Batch Batch Prepared Method Factor or Analyzed Prep Type Type Run Number Analyst Lab Total/NA 06/06/22 12:08 LWN TAL CHI Analysis Moisture 659958 **Client Sample ID: S-1** Lab Sample ID: 500-217596-1 Date Collected: 06/03/22 12:40 Matrix: Solid Date Received: 06/04/22 09:15 Percent Solids: 92.7 Batch Batch Dilution Batch Prepared Prep Type Type Method Run Factor Number or Analyzed Analyst Lab Total/NA Prep 5035 661137 06/03/22 12:40 WRF TAL CHI Total/NA Analysis 8260B 100 661438 06/16/22 12:08 W1T TAL CHI **Client Sample ID: S-2** Lab Sample ID: 500-217596-2 Date Collected: 06/03/22 12:45 Matrix: Solid Date Received: 06/04/22 09:15 Dilution Batch Batch Batch Prepared Method Run Factor or Analyzed Prep Type Type Number Analyst Lab Total/NA 659958 06/06/22 12:08 LWN TAL CHI Analysis Moisture 1 **Client Sample ID: S-2** Lab Sample ID: 500-217596-2 Date Collected: 06/03/22 12:45 Matrix: Solid Date Received: 06/04/22 09:15 Percent Solids: 92.2 Batch Batch Dilution Batch Prepared Factor Method Number or Analyzed Prep Type Туре Run Analyst Lab Total/NA 5035 06/03/22 12:45 WRE TAL CHI Prep 661137 Total/NA Analvsis 8260B 50 661438 06/16/22 12:33 W1T TAL CHI **Client Sample ID: S-3** Lab Sample ID: 500-217596-3 Date Collected: 06/03/22 12:50 Matrix: Solid Date Received: 06/04/22 09:15 Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor Number or Analyzed Analyst Lab 06/06/22 12:08 Total/NA 659958 LWN TAL CHI Analysis Moisture 1 **Client Sample ID: S-3** Lab Sample ID: 500-217596-3 Date Collected: 06/03/22 12:50 Matrix: Solid Date Received: 06/04/22 09:15 Percent Solids: 91.9 Batch Batch Dilution Batch Prepared Prep Type Type Method Run Factor Number or Analyzed Analyst Lab Total/NA Prep 5035 661137 06/03/22 12:50 WRE TAL CHI Total/NA 8260B 661438 06/16/22 12:59 TAL CHI Analysis 50 W1T **Client Sample ID: S-4** Lab Sample ID: 500-217596-4 Date Collected: 06/03/22 12:55 Matrix: Solid Date Received: 06/04/22 09:15 Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor Number or Analyzed Analyst Lab Total/NA TAL CHI Analysis Moisture 659958 06/06/22 12:08 LWN

# Lab Chronicle

			L	.ab Chro	onicle				
lient: Cedar C	•							Job	ID: 500-217596-1
Project/Site: Ri	ichfield Tank	Pull							
Client Samp	ple ID: S-4						Lab Sa	mple ID:	500-217596-4
Date Collected									Matrix: Solid
Date Received								Per	cent Solids: 91.9
_	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Prep	5035			661137				
Total/NA	Analysis	8260B		50		06/16/22 13:25		TAL CHI	
- Olionat Comu							1 ab 04		500 047500 F
Client Samp							Lab Sa	mple ושו:	500-217596-5
Date Collected Date Received									Matrix: Solid
	J. UU/U4/22 U	9.10							
	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	-
Total/NA	Analysis	Moisture		1	659958	06/06/22 12:08	LWN	TAL CHI	
Client Samp	ole ID: S-5						Lab Sa	mple ID:	500-217596-5
Date Collected		3:00							Matrix: Solid
Date Received								Per	cent Solids: 91.4
_	Potek			Dilation	Detak	Decement			
Bron Tuno	Batch	Batch Method	Dun	Dilution	Batch	Prepared or Applyzod	Analyst	l ab	
Prep Type Total/NA	Prep	5035	Run	Factor	661137	or Analyzed 06/03/22 13:00	Analyst WRE	- Lab TAL CHI	
Total/NA	Analysis	8260B		50		06/03/22 13:00		TAL CHI	
_	-								
Client Samp							Lab Sa	imple ID:	500-217596-6
Date Collected									Matrix: Solid
Date Received	d: 06/04/22 0	9:15							
-	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	Moisture		1	659958	06/06/22 12:08	LWN	TAL CHI	
_ Client Samp	nla ID: S.6						Lah Sa	mnle ID:	500-217596-6
Date Collecter		2.03						inpic is.	Matrix: Solid
Date Conected								Per	cent Solids: 92.2
		0.10							
	Batch	Batch		Dilution	Batch	•			
Prep Type	Туре	Method	Run	Factor	Number	•	Analyst	Lab	
Total/NA	Prep	5035						TAL CHI	
Total/NA	Analysis	8260B		50	661438	06/16/22 14:17	W1T	TAL CHI	
Client Samp	ple ID: S-7						Lab Sa	mple ID:	500-217596-7
Date Collected		3:06							Matrix: Solid
Date Received									
_	Datab	Detak		Dilution	Detek	Dura manad			
Data Trans	Batch	Batch	Dura	Dilution	Batch	Prepared	Amahaat	Lah	
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	659958	06/06/22 12:08	LWN	TAL CHI

Lab Chronicle
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Job ID: 500-217596-1

Client Sam		3.06					Lab Sa	imple ID:	500-217596- Matrix: Sol
Date Collecter								Por	cent Solids: 91
	u. 00/04/22 0	5.10						T CIV	
	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Prep	5035			661137			TAL CHI	
Total/NA	Analysis	8260B		50	661438	06/16/22 14:42	W1T	TAL CHI	
Client Sam							Lab Sa	mple ID:	500-217596
Date Collecte									Matrix: Sol
ate Received	d: 06/04/22 0	9:15							
-	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	Moisture		1	659958	06/06/22 12:08	LWN	TAL CHI	
lient Sam	ple ID: S-8						Lab Sa	mple ID:	500-217596
ate Collecte	d: 06/03/22 1	3:10							Matrix: Sol
Date Received	d: 06/04/22 0	9:15						Perc	cent Solids: 92
-	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Prep	5035			661137	-		TAL CHI	
Total/NA	Analysis	8260B		50	661438	06/16/22 15:08	W1T	TAL CHI	
Client Sam	ple ID: S-9						Lab Sa	mple ID:	500-217596
Date Collecte		3:15							Matrix: So
Date Received	d: 06/04/22 0	9:15							
-	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	Moisture			659958	-		TAL CHI	
lient Sam	nle ID: S.9						Lah Sa	mole ID:	500-217596
ate Collecte		3.15							Matrix: Sol
Date Received								Perc	cent Solids: 90
-									
Data Tara	Batch	Batch	<b>B</b>	Dilution	Batch	•	Amalist	Lah	
Prep Type		Method	Run	Factor			-		
Total/NA	Prep	5035		50		06/03/22 13:15		TAL CHI	
Total/NA	Analysis	8260B		50	001438	06/16/22 15:33		TAL CHI	
Client Sam						L	ab San	nple ID: 5	500-217596- <sup>-</sup>
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#### **Client Sample ID: S-10** Date Collected: 06/03/22 13:20 Date Received: 06/04/22 09:15

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d Analyst		5
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Г	Batch	Batch		Dilution	Batch	Prepared			
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	7 11 101 9 51 5	52000		00	001700	50/10/22 11.11	** : :		

#### Laboratory References:

TAL CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

#### Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-22

#### **Eurofins** Chicago

# Chain of Custody Record

2417 Bond Street University Park IL 60484 Phone 708-534-5200 Fax 708-534-5211

Client Information	Sampler Qu	in Le	N7	Lab Free	PM drick S	andie	***************************************	C	arrier Trac	ung No(s	28331	COC No 500-10	) )1813-441	17 2
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quin lenz@cedarcorp.com Project Name	Project #				Sel Nio				1	296 COC		L EDA L EDA Other: Other:	A	W pH 4-5 Y ⊤izma
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#### **Eurofins Chicago**

2417 Bond Street

# Chain of Custody Record

University Park IL 60484 Phone 708-534-5200 Fax 708-534-5211

Client Information	Sampler Qui	n U	na	Lab F Fred		Sandie				Carrier T	racking	Vo(s) 6 <b>79</b> :	176	COC No: 500-101813-441	17 1
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#### Login Sample Receipt Checklist

#### **Client: Cedar Corporation**

#### Login Number: 217596 List Number: 1 Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>True</td> <td></td>	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

List Source: Eurofins Chicago

	<b>OSI</b> Environmental, Inc. STRAIGHT	BILL OF I	LADING	GMO- 4866
В		S		
I L	Advanced Tank Service #6497	Ĥ	Millis Transfer	
L	Pick-up 4 drums diesel	sludge	3001 Holy Hill Rd	
т	East Side of Bldg.	R	Richfield, WI 53076	
0	Phone number:	M Phone number:	-	

# The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on route to said destination. It is mutually agree, as to each carrier of all or any of said property over all or any portion of said route to destination, as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

Route: BEST WAY		
Delivery Carrier: 🔲 OSI Environmental, Inc.	US DOT Hazmat Reg. Number: MNT 280	0011586
Alternate Carrier:	US DOT Hazmat Reg. Number:	15
Number of		
Packages HM Description of articles		ERG
RQ, UN1203, Flammable Liquid, N.C	O.S. 3 PG II	128
Gasoline for Recycle APPROXIMATE GALLONS:		120
Designated Facility OSI ENVIRONMENTAL, 912 TESCH		
Specialty Product for Recycle		
Mineral Oil PG III (NON PCB:	PPM)	128
APPROXIMATE GALLONS:		
Designated Facility OSI ENVIRONMENTAL, 912 TESCH	H CT., WAUKESHA, WI 53186	
Specialty Product for Recycle		
Mineral Oil PG III (NON PCB:	PPM)	128
APPROXIMATE GALLONS:		
Designated Facility OSI ENVIRONMENTAL, 912 TESCH	H CT., WAUKESHA, WI 53186	
RQ, UN1202, Fuel Oil, Combustible	Liquid PG III	
Surplus Fuel for Recycling	DIRSE GUDGE	128
APPROXIMATE GALLONS: 22(	JE LUDE	
Designated Facility OSI ENVIRONMENTAL, 912 TESCH	H CT., WAUKESHA, WI 53186	
This is to certify that the above-named materials are properly classified, described, p to the applicable regulations of The Department of Transportation.	packaged, marked and labeled, and is in proper condition for transportat	ion according
Placards Required: Worke	Placards Supplied:NO _ Furpished By C	Carrier
		11
Shipper Signature: DOB IVIALA	Carrier Signature:	
Date: 6 13 - 22	Received By LAIS Mach	Date 613.22
CUSTOMER PROJECT NUMBER:		
UNIT #:	OSI Environmental, Inc. 800-732-5667 912 Tesch Court EPA # WIR000147397 Waukesha, WI 53186	WDNR #14740
OSI TANK NUMBER:		
EMERGENCY RESPONSE TE	ELEPHONE NUMBER: (800)-732-5667	
SHIF	PPER COPY	



community infrastructure | architecture | environmental

262-491-2346 800-204-7372 FAX 920-491-9020 www.cedarcorp.com

January 5, 2023

Wisconsin Department of Natural Resources Bureau for Remediation and Redevelopment Attn: Alice Egan 1027 W. St. Paul Avenue Milwaukee, WI 53233

#### RE: SITE STATUS UPDATE – MILLIS TRANSFER – 3001 W HOLY HILL ROAD, RICHFIELD, WI

Dear Ms. Egan:

Cedar Corporation (Cedar) is providing this site status update for Millis Transfer located at 3001 W Holy Hill Road, Richfield, Wisconsin (Site), reference Figure 1 – Site Location Map, attached).

#### Background:

On June 3, 2022, a 15,000-gallon diesel underground storage tank (UST) and associated piping was closed by removal. A total of 12 Tank System Site Assessment (TSSA) soil samples were collected following tank and piping removal. Base samples were not obtained from the tank cavity, as groundwater was encountered at approximately 13 feet below ground surface (ft bgs). Soil samples were submitted to Eurofins Analytical Laboratory in Chicago, Illinois for laboratory analysis of petroleum volatile organic compounds (PVOCs) and naphthalene. The TSSA report is included in Attachment A.

Of the 12 samples, two (2) samples, S-1 and S-12 (located at the western end of the tank cavity, closest to the associate piping and main dispenser), detected total trimethylbenzenes exceeding the Wisconsin Administrative Code (WAC) ch. NR 720 Soil to Groundwater Pathway Residual Contaminant Levels (RCLs), reference Table 1 - Soil Analytical Table and Attachment D – Laboratory Analytical Reports, attached.

Based on the analytical results from the TSSA sampling, Cedar recommended additional groundwater sampling to determine if the onsite groundwater has been impacted.

#### Monitoring Well Installation:

On October 28, 2022, On-Site Environmental of Sun Prairie, Wisconsin installed a 1" polyvinyl chloride (PVC) ch. NR 141 compliant monitoring well (MW-1) using dual-tube Geoprobe drilling techniques. The monitoring well was installed in the vicinity of S-1 and S-12, to a depth of 20 feet below ground surface (ft bgs), with a 10-foot screen, and riser to the surface, reference Figure 2 – Detailed Site Map, attached. The well was completed with a steel flushmount protective cover. At the time of drilling the ground surface was sand and gravel backfill from tank removal activities. The area was paved with asphalt in November 2022, and the integrity of the well and protective cover was maintained, reference Attachment C – Photo Log, attached.

#### Well Development and Sampling (November):

On November 2, 2022, Cedar developed the well using a peristaltic pump. Approximately 16 gallons of water was purged from the well to rid it of any sediment. All purge water was containerized in a steel 55-gallon drum staged at the Site.

#### **Groundwater Sampling and Analytical Results:**

On November 2, 2022, following well development activities, a groundwater sample was collected from MW-1, using a peristaltic pump, and submitted for laboratory analysis of PVOCs and naphthalene, reference Attachment B – Field Forms, attached.

In addition to sampling the newly installed monitoring well, the onsite private water supply well (PW-1) was also sampled. A faucet was turned on inside the facility and ran for approximately 10 minutes. A water sample was collected from the pressure tank and submitted for laboratory analysis of PVOCs and naphthalene, reference Attachment B – Field Forms, attached.

Analytical results identified the concentration of benzene exceeding the applicable WAC ch. NR 140 Preventive Action Limit (PAL) of 0.5 ug/L at MW-1. There were no other exceedances identified at MW-1 or PW-1, reference Table 2 – Groundwater Analytical Table and Attachment D – Laboratory Analytical Reports, attached.

As the concentration of benzene only marginally exceeded the PAL, at 0.53 ug/L, a second sampling round at MW-1 was recommended. On December 2, 2022, Cedar purged and sampled MW-1 using a peristaltic pump. Approximately 15 gallons of water was purged from the well to rid it of any sediment. All purge water was containerized in a steel 55-gallon drum staged at the Site. A sample was collected from the well and submitted for laboratory analysis of PVOCs and naphthalene, reference Attachment B – Field Forms, attached. Analytical results from this sampling event did not identify any WAC ch. NR 140 exceedances, reference Table 2 – Groundwater Analytical Table and Attachment D – Laboratory Analytical Reports, attached.

#### Conclusions:

The conclusions of the investigative and remedial activities are listed below.

- Tank
  - The 15,000-gallon diesel tank and associated piping was removed from the site on June 3, 2022.
  - o The tank cavity was backfilled with sand and gravel fill.
  - The area was paved with asphalt in November 2022.
- Soils
  - TSSA soil sample results identified total trimethylbenzenes WAC ch. NR 720 Soil to Groundwater Pathway RCL exceedances in two samples, S-1 (3 ft bgs), and S-12 (12 ft bgs).
- Groundwater
  - A monitoring well, MW-1, was installed in the former tank cavity, near S-1 and S-12 to a depth of approximately 20 ft bgs on October 28, 2022.
  - MW-1 was developed and sampled on November 2, 2022.
    - Benzene was detected exceeding the applicable WAC ch. NR 140 PAL.
  - A sample was collected from the onsite potable well (PW-1) on November 2, 2022.
    - There were no WAC ch. NR 140 exceedances.
  - o MW-1 was re-sampled on December 2, 2022.
    - There were no WAC ch. NR 140 exceedances.

#### **Recommendations:**

Based on the review of environmental conditions completed through the course of the tank removal and investigation activities, the Site has been investigated to the extent reasonable. Low-levels of total trimethylbenzenes were detected in two adjacent samples on the western wall of the former tank cavity and beneath the associated piping, and remain onsite. Confirmation groundwater sampling did not identify any WAC ch. NR 140 exceedances. Cedar recommends that the Site be issued "No Further Action" by the WDNR as the source of the contamination (UST) was successfully removed from the Site, and the residual soil impacts are not impacting the onsite groundwater.

Sincerely.

ashley a. Wagner

Ashley Wagner, P.G., **Professional Geologist** 

Den Maral

Dan O'Connell, P.G., C.P.G., **Environmental Manager** 

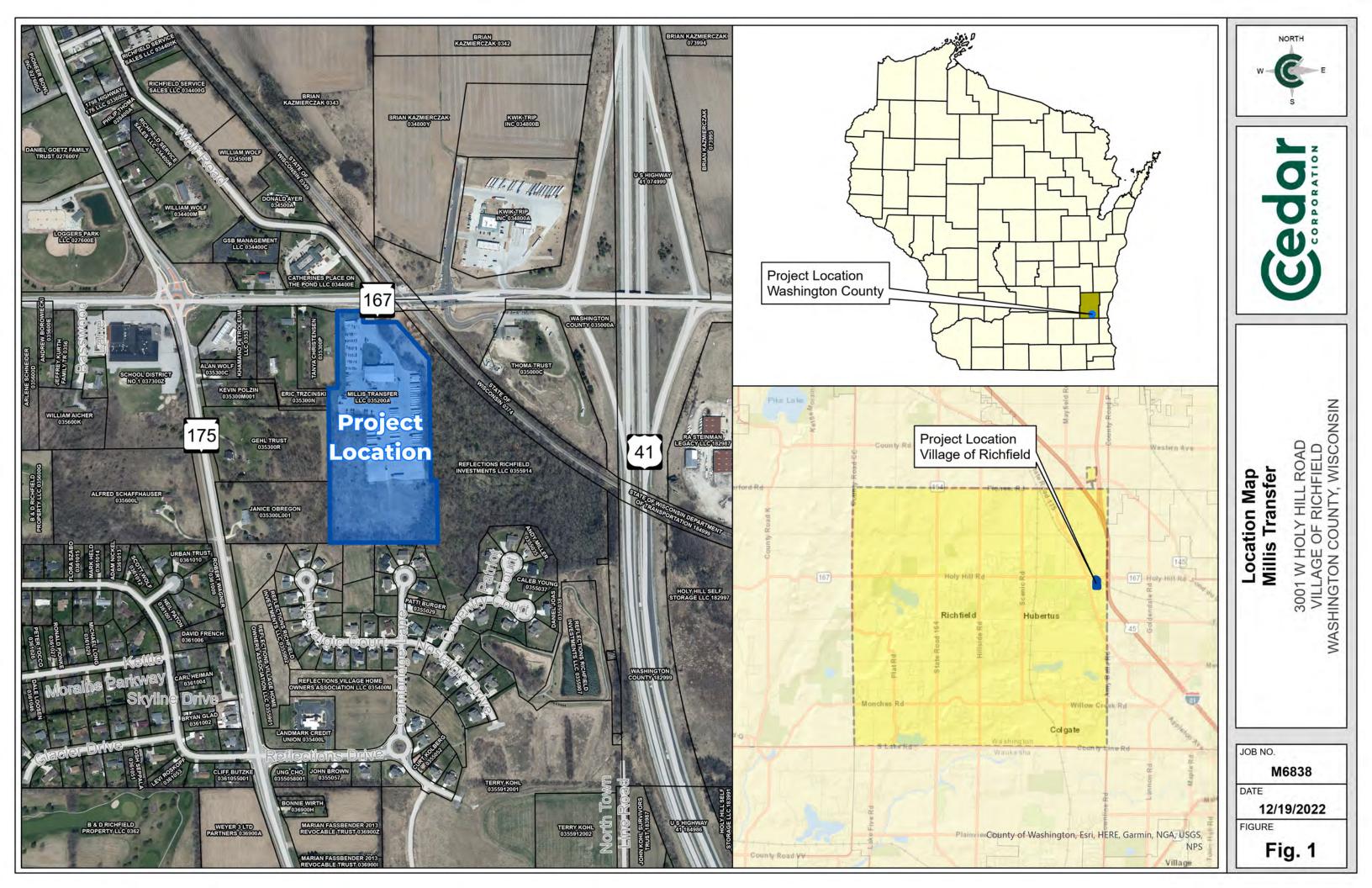
Attachments: Figure 1 – Site Location Map Figure 2 – Detailed Site Map Table 1 – Soil Analytical Table Table 2 – Groundwater Analytical Table Attachment A – TSSA Report Attachment B – Field Forms Attachment C – Photo Log Attachment D – Laboratory Analytical Reports

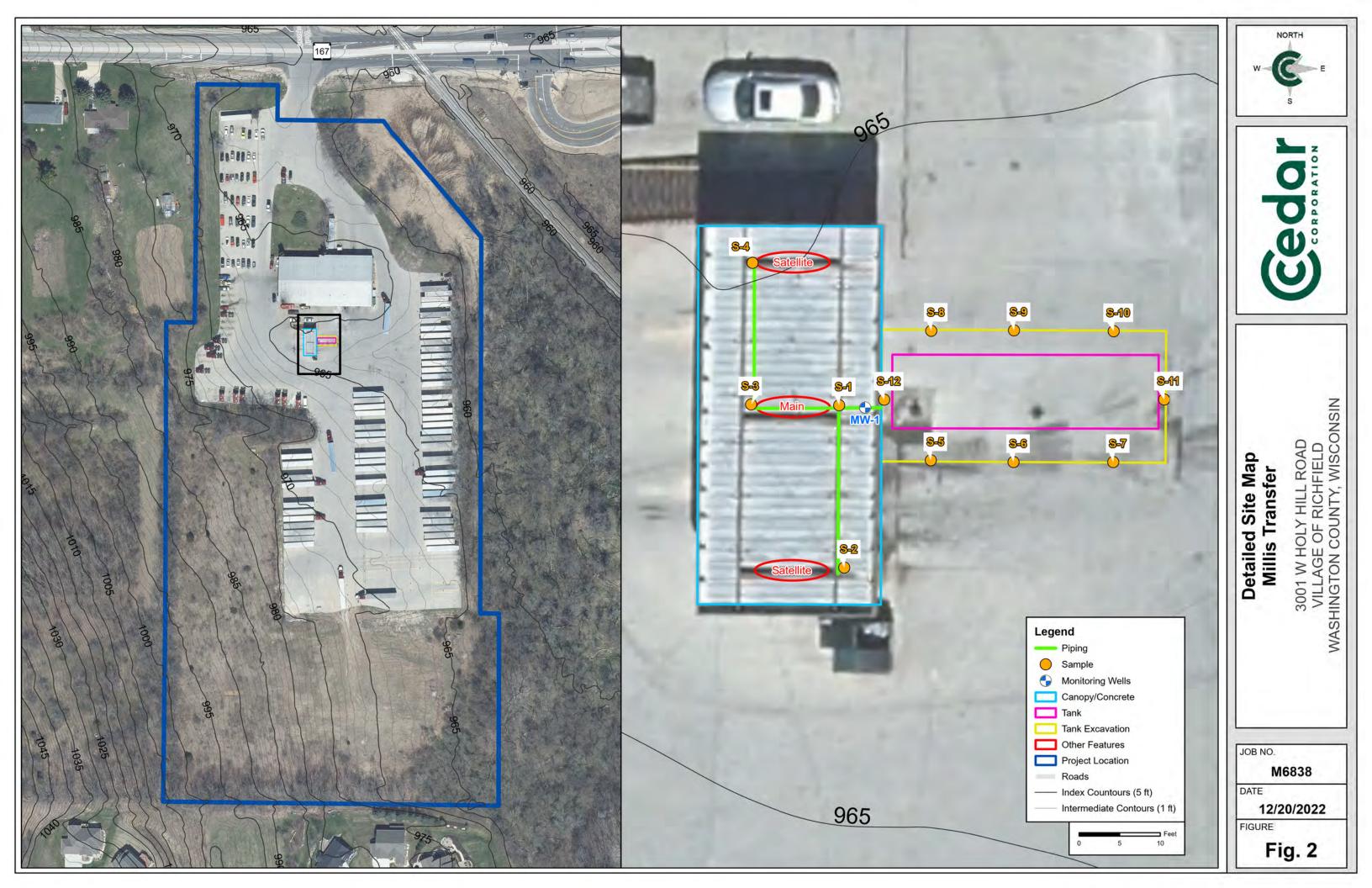


# Figure(s)

Figure 1 – Site Location Map

Figure 2 – Detailed Site Map







# Tables

- Table 1 Soil Analytical Table
- Table 2 Groundwater Analytical Table



#### Table 1

#### Soil Analytical Results Millis Transfer - Richfield 3001 W Holy Hill Road Richfield, WI

Analyte	Units	Groundwater Pathway RCL	Non-Industrial Direct Contact	Industrial Direct Contact	Background Threshold Value	S-1	S-2	S-3	S-4	\$-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12
		T activaly NCE	RCL	RCL	Date	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022
					Depth (ft bgs)	3	3	3	3	12	12	12	12	12	12	12	12
					PID (ppmv)	130.4	0.7	0.2	0.2	0.4	0.3	0.2	0.4	0.5	1.0	1.4	171.1
Volatile Organic Compounds (V																	
1,2,4-Trimethylbenzene <sup>1</sup>	µg/kg	1,378.71	219,000	219,000		5,700	<21.0	<21.0	<21.0	<21.0	<21.0	<21.0	<21.0	<22.0	<21.0	<22.0	9,400
1,3,5-Trimethylbenzene <sup>1</sup>	µg/kg	1,378.71	182,000	182,000		2,500	<22.0	<22.0	<22.0	<22.0	<22.0	<22.0	<22.0	<23.0	<23.0	<23.0	3,100
Benzene	µg/kg	5.1	1,600	7,070		<17.0	<8.5	<8.6	<8.6	<8.6	<8.4	<8.6	<8.5	<8.9	<8.7	<8.8	<8.6
Ethylbenzene	µg/kg	1,570	8,020	35,400		670	<11.0	<11.0	<11.0	<11.0	<11.0	<11.0	<11.0	<11.0	<11.0	<11.0	1,100
Methyl-tert-butyl ether	µg/kg	27.0	63,800	282,000		<45.0	<23.0	<23.0	<23.0	<23.0	<23.0	<23.0	<23.0	<24.0	<24.0	<24.0	<23.0
Naphthalene	µg/kg	658.2	5,520	24,100		<38.0	<19.0	<20.0	<20.0	<20.0	<19.0	<20.0	<19.0	<20.0	<20.0	<20.0	<20.0
Toluene	µg/kg	1,107.2	818,000	818,000		<17.0	<8.5	<8.6	<8.6	<8.7	<8.5	<8.6	<8.5	<8.9	<8.8	<8.9	12.0 J
Total Xylene	µg/kg	3,960	260,000	260,000		3,300	<13.0	<13.0	<13.0	<13.0	<13.0	<13.0	<13.0	<13.0	<13.0	<13.0	3,100

Notes:

\* = Exceedance was observed but analytical result is below Background Threshold Value (BTV)

100

100

100

Exceedance of the NR 720 RCL for Soil-to-Groundwater Pathway Exceedance of the NR 720 RCL for Non-Industrial Direct Contact

Exceedance of the NR 720 RCL for Industrial Direct Contact

PID = Photoionization Detector

mg/kg = milligrams per kilogram

ug/kg = micrograms per kilogram

ppmv = parts per million per volume

ft bgs= feet below ground surface RCL = Residual Contaminant Level

< = analyte not detected above laboratories limit of detection</p>

J = Analyte detected at concentrations between the limit of detection and the limit of quantification

B = Compound was found in the blank sample

NA = Not analyzed

-- = Not established

\*\* = Not exceeded per ch. NR 720.07(2)(c) If a soil cleanup standard for a soil contaminant is between the limit of detection and the limit of quantitation, the soil cleanup standard shall be considered to be exceeded if the soil contaminant concentration is reported at or above the limit of

quantitation, the solicitation standard shall be considered to be exceeded in the solicontaminant concentration is reported at or al quantitation.

<sup>1</sup> = Soil to Groundwater Pathway RCLs are for 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene combined.

<sup>2</sup> = Soil to Groundwater Pathway RCLs are for cis-1,2-Dichloropropene and trans-1,3-Dichloropropene combined

<sup>3</sup> = Soil to Groundwater Pathway RCLs are for m, p and o xylenes combined (total xylenes)

Table 2 Groundwater Analytical Results Millis Transfer - Richfield 3001 W Holy Hill Road Richfield, WI							
Parameter	Units	ch. NR 140	ch. NR 140	MV	V-1	PW-1	
Falameter	Units	ES	PAL	11/02/2022	12/02/2022	11/02/2022	
Volatile Organic Compounds (VOCs	;)						
1,2,4-Trimethylbenzene <sup>1</sup>	ug/L	480	96	2.4	3.2	<0.36	
1,3,5-Trimethylbenzene <sup>1</sup>	ug/L	480	96	0.82 J	0.97 J	<0.25	
Benzene	ug/L	5.0	0.5	0.53	0.26 J	<0.15	
Ethylbenzene	ug/L	700	140	1.7	2.9	<0.18	
Methyl-tert-butyl ether	ug/L	60	12	<0.39	<0.39	0.70 J	
Naphthalene	ug/L	100	10	<0.34	0.44 J	<0.34	
Toluene	ug/L	800	160	0.59	0.65	<0.15	
Xylenes (total) <sup>2</sup>	ug/L	2,000	400	7.2	8.2	<0.22	

Notes:

-- = No Established Standard

Bold/Red = Concentration exceeds NR 140 Enforcement Standard

Bold/Blue = Concentration exceeds NR 140 Preventive Action Limit

ug/L = Micrograms per liter

mg/L = Milligrams per liter

NA = Not analyzed

J = Reported value was between the limit of detection and the limit of quantitation. \*\* = Not exceeded per ch. NR 140.14(3)(c) If the preventive action limit or enforcement standard is between the limit of detection and the limit of quantitation, the regulatory agency shall consider the preventive action limit or enforcement standard to be attained or exceeded if the concentration of a substance is reported at or above the limit of quantitation.

<sup>1</sup> = ES and PAL levels are for 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene combined

 $^{\rm 2}$  = ES and PAL levels are for m, p and o xylenes combined (total xylenes)

 $^{3}$  = ES and PAL are Public Welfare (ch. NR 140 Table 2) Standards



# Appendices

Attachment A – TSSA Report

140 (4/22)	Formerty	ERS-895
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TRus

Wisconsin Department of Agriculture, Trade and Consumer Protection

Bureau of Weights and Measures

P.O. Box 7837, Madison, WI 53707-7837 (608) 224-4942

Wis. Admin. Code §ATCP 93.560

FOR OFFICE USE ONLY

# TANK SYSTEM SERVICE AND CLOSURE ASSESSMENT REPORT

Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04(1)(m) Wis. Stats.).

Complete One Form for Each System Service Event

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

CHECK ONE: WUNDERGROUND ABOVEGROUND

#### 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 
 Dising 
 Transition/containment sumn 
 Snill bucket Dispenser

B. IDENTIFI	Contraction of the Contract										
OWNER INFO		and the second second		11-2373	Par Tall	1.	-			2	1
OWNER NAME	7.7.57	412663	CONTACT NAL		1 and Long		TITLE				
MAILING ADDI P.O. BOX 55	RESS	112003						GE		STATE	ZIP 54615
TELEPHONE: (715) 299 - 23				1		E-MAIL			U.		3
SITE INFORM		FILL AND BY	10.000								- iil
FACILITY NAM	E										
SITE ADDRES	S (Not PO Box) RD 167 W					Y ⊡ TOWN ⊠ FIELD	VILLAC	BE		STATE	ZIP 53076
SERVICE CON	TRACTOR INFO	ORMATION					-			1000	
	VICE CONTRAC	CTOR Section A Above NC		SER 507		RACTOR CERT ID	)#	0.000	PHONE: 831 - 8484	CELL: (715) 5	79 - 8324
STREET ADDR P.O. BOX 10	5100 Contract 10						VILLAG	BE		STATE	ZIP 54702
C. TANK SYS	STEM DETAIL	(Complete for all s	ervice activities	)				-	and the second s		
a	b	c	d	0	f	1	g			h	
Tank ID #	Type of Closure <sup>1</sup>	Tank Material of Construction	Piping Material of Construction	Tank Capacity (gallons)	Content	Integrity (e.g. ho	se - Sys Compro bles, cra connect	mised icks,	If "Yes" to "g and C Source of Rele	ause of Re	lease
113523	P	STEEL	FRP	15000	DL	🗆 Yes	s 🚯	No			
			a - 186	6- C-	a	🗌 Ye	s 🗆 I	No			
						🗆 Ye	s 🗆 I	No			
						🗆 Yes	s 🗆 I	No			
				- 78		🗆 Ye	s 🗆 I	No			
		9		-17 W		🗆 Ye	s 🗆 I	No			
1. Indicate	type of closure	: P = Permanent, T	OS = Temporaril	y Out-of-Sen	vice, CIP =	Closure In-Plac	æ				
Kerose		t: DL = Diesel, LG = ix, WO = Waste/Use									
								1			
3. CAS nun	nber(s):			12.000							
4. Source of	of release: T =	tank, P = piping, D	= dispenser, ST	P = submers	ible turbine	pump, DP = de	elivery	problem	n, O = other,	UNK = Un	known
5. Cause of S = spil		POMD = physical o	r mechanical dam	nage, C = co	orrosion, IP	= installation p	roblem	0=0	ther, UNK = U	Inknown	
6. Has relea	ase been repor	ted to the Departme	nt of Natural Res	ources?	Yes 🗖	No A Releas	se not	evident	at this time (pe	ending san	nole analy
	Constant of Constant		tribution: DAT			ctor Contra	1.1.1				
		Fait A Dis			inspe			OWIE			

NOTE: TANK INVENTORY PORT TRAVELYS OF TRAVELYS SIGNED BY THE OWNER MUST BE SUBMITTED         WITH EACH CLOSURE OF CAMAGE-INSERVICE CHECKLIST         D. CLOSURE BY REMOVAL OR INFLACE         1. General Requirements       Verified         2. Product from pping drained into tank (or other container).       D Y N O'N O'N         3. Product from pping drained into tank (or other container).       D'Y N O'N O'N         4. All punt and residue meroved from tank using explosion-proof pumps or hand pumps prior to merowing tank from excuration hores bonded to tank or otherwise grounded.       D'Y N O'N O'N O'N O'N O'N O'N O'N O'N O'N O	SURES (Check applicable box at right in response to all statements in section D) notification was provided to the local agent 5 days in advance of closure date.   Yes No I permits were obtained before beginning closure.  Yes No NA Form TR-WM-137 or AST Form TR-WM-118 filed by owner with the DATCP indicating closure.  Yes	No		
D. CLOSURE BY REMOVAL OR INFPLACE       Parnover       Inspector	TANK INVENTORY FORM TR-WM-137 or TR-WM-118 SIGNED BY THE OWNER MUST BE SUBMITTED			
a. Product from pping drained into tank (or other container). U N M   b. Priping disconnected from tank and menoved. U N M   c. All ligid and metable emoved from tank using explosion-proof pumps or hand pumps prior to metawation. U N M   d. All pump motors and suction hoses bonded to tank or otherwise grounded. U N M N   d. All pump motors and suction hoses bonded to tank or otherwise grounded. U N M N   d. Fill pues, gauge pipes, sugne procevery connections, submersible pumps and other fixtures U N M N   g. Tank depended to 10% of the lower flammable range (LEL) - see Section E. U N M N   a. Tank movement. In tank stampsphere moused to 10% of the lower flammable range (LEL) - see Section E. U N M   b. Tank classed from carving NLIQBERGINIERTING; placed on level ground and blocked to U N M   c. Tank labeled in full compliance with API 1604 after removal but before being moved from site. U N M   c. Tank labeled in full compliance with API 1604 after removal but before being moved from site. U N M   c. Tank labeled in full compliance with API 1604 after removal but before being moved from site. U N M   c. Tank labeled in full compliance with API 1604 after removal but before being moved from site. U N M   c. Tank labeled in full compliance with API 1604 after removal but before being moved from site. U N M   c. Tank labeled in full complianc	LOSURE BY REMOVAL OR IN-PLACE	spector	Inspector	
b. Poing disconnected from tank and removed. III Y N II'' N II''   c. All liquid and reactive removed from tank using explosion-proof pumps or hand pumps prior to removing tank from encavation. II' Y N II'' N II'' N II''' N II'''' N II''''''''	- Ville Market Andrew State (1997)		Not Present	N
C All lguid and residue ternoved from tank using explosion-proof pumps or hand pumps prior to enroving tank from excavation. C All pump motions and succinon hoses bonded to tank or otherwise grounded. D V N V N P N C V N P N P N C V N P N P N P N P N P N P N P N P N P N	Product from piping drained into tank (or other container).	YON		C
All pump motions and sudion hoses bonded to tank or otherwise grounded.     All pump motions and sudion hoses bonded to tank or otherwise grounded.     All pump motions and sudion hoses bonded to tank or otherwise grounded.     All pump motions and sudion hoses bonded to tank or otherwise grounded.     All pump motions and sudion hoses bonded to tank or otherwise grounded.     All pump motions and sudion hoses bonded to tank or otherwise grounded.     All pump motions and sudion hoses bonded to tank or otherwise grounded.     All pump motions and sudion hoses bonded to tank or otherwise ground and blocked to     All pump motions and sudion hoses bonded to tank or otherwise ground and blocked to     All pump motions and sudion hoses bonded to tank or otherwise ground and blocked to     All pump motions and sudion hoses bonded to tank or otherwise ground and blocked to     All pump motions and sudion hoses bonded to tank or otherwise ground and blocked to     All pump motions and sudion hoses bonded to tank or otherwise ground and blocked to     All pump motions and sudion hoses bonded to tank or otherwise ground and blocked to     All pump motions and sudion hoses bonded to tank or otherwise ground and blocked to     All pump motions and sudion hoses bonded to tank or otherwise ground tank blocked to     All pump motions and sudion hoses bonded to tank or otherwise ground tank blocked to     All pump motions and sudion hoses bonded to tank or otherwise ground tank blocked to     All pump motions and sudion hoses bonded to tank or otherwise ground tank blocked to     All tank tent hole (1/8' in uppermost part of tank) installed prior to moving the tank from site.     All pump the devent the tank tent of the tank and tank filed.     All to all permity thermore all sudge and residue.     All to all permity thermore all sudge and residue.     All to all permity the devent and tranks.     All to all permity thermore all sudge and residue.     All to all permity therease and teadious and tresidue and the tank onp	Piping disconnected from tank and removed.	Y DN		
e. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other findures   IV		FON		
I. Vert lines left connected until tanks purged. II Y IN GY IN   g. Tank openings temporarily plugged so vapors exit through vent. IV Y IN GY IN   h. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E. IV Y IN GY IN   2. Specific Closure-by-Removal Requirements   a. Tank removed from excavation after PURGING/INERTING; placed on level ground and blocked to TY IN   b. Tank cleaned before being removed from site.   c. Tank labeled in full compliance with API 1604 after removal but before being moved from site.   DTE: COMPLETE TANK LABELING SHOLD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR FREEING STREATMENT, MONTHOAVYEAR OF REMOVAL   d. Tank vent hole (1/8' in uppermost part of tank) installed prior to moving the tank from site.   g. Y IN   g. State security is provided while the excavation is open.   3. Specific Closure-In-Place Requirements   NOTE: COLVER-Place Requirements   NOTE: COLVER-Place Requirements   NOTE: COLSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION (DATOP) OR LOCAL AGENT.   a. Tank property cleaned to removed all sludge and residue.   b. Sold in endersial (sand, clober being ing, or pag gravel recommended) introduced and tank filled.   Y IN   c. Vent line disconnected or removed.   c. Vent line disconnected or removed.   d. Inventory form filled by owner with DATCP indicating closure in-place.   Y IN   All coal permits were obtained before beginning service.   Y IN   All coal permits were obtained begin mig service.<	All pump motors and suction hoses bonded to tank or otherwise grounded.	PON		E
Tark openings temporarily plugged so vapors exit through vent. <td< td=""><td>ill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fotures</td><td>YON</td><td></td><td></td></td<>	ill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fotures	YON		
h. Tark atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E.       Image: Closure-by-Removal Requirements         2. Specific Closure-by-Removal Requirements       Image: Removal form exaction after PURGINGINERTING; placed on level ground and blocked to       Image: Removal form exaction after PURGINGINERTING; placed on level ground and blocked to         b. Tark cleaned before being removed from site.       Image: Removal form exaction after PURGINGINERTING; placed on level ground and blocked to       Image: Removal form exaction after PURGINGINERTING; placed on level ground and blocked to         b. Tark cleaned before being removed from site.       Image: Removal form exaction after PURGINGINERTING; placed on level ground and blocked to       Image: Removal form exaction after PURGINGINERTING; placed on level ground and blocked to         c. Tark labeled in full compliance with API 1604 after removal but before being moved from site.       Image: Removal form exaction form site.       Image: Removal form exaction form flame form form nowing the tark from site.       Image: Removal form exaction form flame form form nowing the tark from site.       Image: Removal form exaction form form flame form form flame form form flame form form flame for form move aff studge and residue.         b. Solid ineft material (sand, cyclone boiler site), or pea gravel recommended) introduced and tark filted.       Image: Remove form flame for form flame form form flame for form flame for form flame for		-		E
2. Specific Closure-by-Removal Requirements a. Tank removed from excavation after PURGING/INERTING; placed on level ground and blocked to prevent movement. b. Tank cleaned before being removed from site. b. Tank cleaned before being removed from site. c. Tank labeled in full compliance with API 1604 after removal but before being moved from site. DIY N GYNN C. CMERCENTE TANK LABELING SHOLLD INCLUDE WARNING ACAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING STREATMENT; MONTH/DAYYEAR OF REMOVAL d. Tank vent hole (1/8" in uppermost part of tank, installed prior to moving the tank from site. Y N Y N C. Site security is provided while the excavation is open. 3. Specific Closure-In-Place Requirements NOTE: CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF AGRICUL TURE, TRADE AND CONSUMER PROTECTION (DATCP) OR LOCAL AGENT. a. Tank properly cleaned to remove all studge and residue. Y N Y N C. Vent line disconnected or remove all studge and residue. Y N Y N C. Vent line disconnected or remove all studge and residue. Y N Y N C. Vent line disconnected or remove all studge and training closure in-place. Y N Y N C. Vent line disconnected or removed. C. TR-WM-137 or 0 TR-WM-118 filed by owner with DATCP indicating closure in-place. Y N N N NA All local permits were obtained before beginning service. Y N N N NA All local permits were obtained before beginning service. Y N N N NA All local permits were obtained before beginning service. Y N N N NA All local permits were obtained before beginning service. Y N N N NA All local permits were obtained before beginning service	ank openings temporarily plugged so vapors exit through vent.	YON		E
a. Tark removed from excavation after PURGING/INERTING; placed on level ground and blocked to   prevent movement.   b. Tark classed before being removed from site.   c. Tark labeled in full compliance with API 1604 after removal but before being moved from site.   (D) Y   NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING ACAINST REUSE; FORMER CONTENTS;   VAPOR STATE; VAPOR FREING TREATMENT; MONTH/DAVYEAR OF REMOVAL   d. Tark vent hole (1/8' in uppermost part of tank) installed prior to moving the tank from site.   y N   with the (1/8' in uppermost part of tank) installed prior to moving the tank from site.   y N   with the (1/8' in uppermost part of tank) installed prior to moving the tank from site.   y N   with the (1/8' in uppermost part of tank) installed prior to moving the tank from site.   y N   with the obstant site accuration is open.   3. Specific Closures In-Place Requirements   WOTE: CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF   THE DEPARTMENT OF AGRICULT UTRE; TRADE AND CONSUMER PROTECTION (DATCP) OR LOCAL AGENT.   a. Tank properly cleaned to remove all sludge and residue.   b. Solid inert material (sand, cyclone bolier site, or pea gravel recommended) introduced and tank filled   y N   y N   c. Vent line disconnected or removed.   c. Method OF VAPOR RELING	ank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E.	Y DN		
Dispervent movement. Dispervent movement.   Dispervent movement. Dispervent movement.   Dispervent movement. Dispervent movement.   Dispervent movement. Dispervent movement.   C Tank labeled in full compliance with API 1604 after removal but before being moved from site. Dispervent movement.   NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING ACAINST REUSE: FORMER CONTENTS;   VAPOR STATE: VAPOR FREEING TREATMENT; MONTH/DAYYEAR OF REMOVAL   C Tank went hole (1/8' in uppermost part of tank) installed prior to moving the tank from site.   P N   e. Site security is provided while the excavation is open.   3. Specific Closure-In-Place Requirements   VOTE: CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION (DATCP) OR LOCAL AGENT.   a. Tank properly cleaned to remove all sludge and residue.   b. Sold inter material (sand, cyclone boiler slag, or pea gravel recommended) introduced and tank filled.   Y N Y   N Y </td <td></td> <td></td> <td></td> <td>_</td>				_
C. Tank labeled in full compliance with API 1604 after removal but before being moved from site.  IV VAPOR STATE: VAPOR FREEING TREATMENT: MONTH-VDAYYEAR OF REMOVAL  d. Tank vent hole (1/8' in uppermost part of tank) installed prior to moving the tank from site.  VAPOR STATE: VAPOR REGEING TREATMENT: MONTH-VDAYYEAR OF REMOVAL  d. Tank vent hole (1/8' in uppermost part of tank) installed prior to moving the tank from site.  VAPOR STATE: VAPOR REQUIPER TREATMENT: MONTH-VDAYYEAR OF REMOVAL  d. Tank vent hole (1/8' in uppermost part of tank) installed prior to moving the tank from site.  VAPOR STATE: VAPOR REQUIPER STREATMENT: MONTH-VDAYYEAR OF REMOVAL  S. Site security is provided while the excavation is open.  S. Specific Closure-In-Place Requirements NOTE: CLOSURES IN-PLACE ARE DNLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF AGRICULTURE. TRADE AND CONSUMER PROTECTION (DATCP) OR LOCAL AGENT.  a. Tank properfy cleaned to removed.  C. Vent line disconnected or removed.  C. Vent line disconnected or removed.  I. Inventory form filed by owner with DATCP indicating closure in-place.  V N V N V N  C. Vent line disconnected or removed.  I. Inventory form filed by owner with DATCP indicating closure in-place.  V N V N  All local pemits were obtained before beginning service.  V N N  All local pemits were obtained before beginning service.  V N N  All local pemits were obtained before beginning service.  V N N  ALL CURATELY. THE TANK MAY NOT BE ENTERED IN THOS STATE WITHOUT SPECIAL EQUIPMEN  Gas introduced under low pressure and to exceed 5 psig to reduce static electricity. Gas introducing device ground.  C. Readings of 10% or less of the lower flammable range (LEL) or <5% oxygen obtained before removing tank state erroring 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 ground.  C. METHOD OF VAPOR FREEING OF TANK  C. MACURATELY. THE TANK MAY NOT BE ENTERED IN THINGS STATE WITHOUT SPECIAL EQUIPME	revent movement.			C
NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE: FORMER CONTENTS; WAPOR STATE: VAPOR FREEING TREATMENT; MONTHORNYEAR OF REMOVAL         0. Tank vent hole (1/8) in uppermost part of tank) installed prior to moving the tank from site.       Y       N       Y       N       Y       N         3. Specific Closure-In-Place Requirements       Image: State security is provided while the excavation is open.       Image: State security is provided while the excavation is open.       Image: State security is provided while the excavation is open.       Image: State security is provided while the excavation is open.       Image: State security is provided while the excavation is open.       Image: State security is provided while the excavation is open.       Image: State security is provided while the excavation is open.       Image: State security is provided while the excavation is open.       Image: State security is provided while the excavation is open.         3. Specific Closure-In-Place Requirements       Image: State security is provided to remove all sludge and residue.       Y       N       Y       N       Y       N       Y       N       Y       N       Y       N       Y       N       Y       N       Y       N       Y       N       Y       N       Y       N       Y       N       Y       N       Y       N       Y       N       Y       N       N       N       N       N       N       N		-		-
WAPOR STATE: VAPOR FREEING TREATMENT; MONTH-DAVYEAR OF REMOVAL         d. Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site.       Y       N       Y       N         a. Site security is provided while the excavation is open.       Y       N       Y       N       Y       N         3. Specific Closure-In-Place Requirements       Y       N       Y <td></td> <td>YON</td> <td></td> <td></td>		YON		
e. Site security is provided while the excavation is open.   3. Specific Closure-In-Place Requirements   NOTE: CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF A GRICULTURE, TRADE AND CONSUMER PROTECTION (DATCP) OR LOCAL AGENT.   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.   Y N   N NA   All local permits were obtained before beginning service.   Y N   NA   All local permits were obtained before beginning service.   Y N   NA    NA    NA <t< td=""><td>APOR STATE; VAPOR FREEING TREATMENT; MONTH/DAY/YEAR OF REMOVAL</td><td></td><td></td><td>-</td></t<>	APOR STATE; VAPOR FREEING TREATMENT; MONTH/DAY/YEAR OF REMOVAL			-
3. Specific Closure-In-Place Requirements         NOTE: CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF         THE DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION (DATCP) OR LOCAL AGENT.         a. Tank properly cleaned to remove all sludge and residue.       Y       N       N <td></td> <td></td> <td></td> <td>P</td>				P
NOTE: CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION (DATCP) OR LOCAL AGENT.         a. Tank properly cleaned to remove all sludge and residue.       Y       N       Y       N       Y       N         b. Sold inter material (sand, cyclone boiler slag, or pea gravel recommended) introduced and tank filled.       Y       N       N       N       A       A       A       A       A       A       A       A       A       A       A       A       A       A       A       A       A       A		r 🗆 N		C
d. Inventory form filed by owner with DATCP indicating closure in-place.       I	ank property cleaned to remove all sludge and residue. Did inert material (sand, cyclone boiler slag, or pea gravel recommended) introduced and tank filled. Y N	YON		9
E REPAIR, UPGRADE OR CHANGE-IN-SERVICE   Written notification was provided to the local agent 5 days in advance of service date. Y   All local permits were obtained before beginning service. Y   Form TR-WM-137 or 0 TR-WM-118 filed by owner with DATCP indicating change-in-service. Y   NA   Bisplacement 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.   Inert gas using dry ice or liquid carbon dioxide.   Inert gas using CO2 or N2 NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNC   ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMEN   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.   Image: Tank atmosphere monitored for flammable range (LEL) or <5% oxygen obtained before removing tank from ground.				E
Written notification was provided to the local agent 5 days in advance of service date.       Image: Picture Content of Conte			<u> </u>	L
All local permits were obtained before beginning service.       Image: Construction of the service of				
Form TR-WM-137 or 0 TR-WM-118 filed by owner with DATCP indicating change-in-service.       IY       IN       INA         METHOD OF VAPOR FREEING OF TANK       Isplacement 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.         Inert gas using dry ice or liquid carbon dioxide.         Inert gas using CO2 or N2 NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNC ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMEN         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.         Image: Readings of 10% or less of the lower flammable range (LEL) or <5% oxygen obtained before removing tank from ground.				
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Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12 feet above ground.         Inert gas using dry ice or liquid carbon dioxide.         Inert gas using CO2 or N2 NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNC ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMEN 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.         Image: Readings of 10% or less of the lower flammable range (LEL) or <5% oxygen obtained before removing tank from ground.		-		
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<ul> <li>Inert gas using CO2 or N2 NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNC 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.</li> <li>Readings of 10% or less of the lower flammable range (LEL) or &lt;5% oxygen obtained before removing tank from ground.</li> <li>Tank atmosphere monitored for flammable or combustible vapor levels prior to and during cleaning and cutting.</li> <li>Calibrate combustible gas indicator and/or oxygen meter prior to use. Drop tube removed prior to checking atmosphere. Tank space monitor bottom, middle and upper portion of tank.</li> <li>REMOVER/CLEANER INFORMATION</li> <li>JUSTIN POLOGIN ONN</li> <li>MU15448 6-3-2</li> </ul>				
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.         Image: Readings of 10% or less of the lower flammable range (LEL) or <5% oxygen obtained before removing tank from ground.	ert gas using CO2 or N2 NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METE			
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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 monitor bottom, middle and upper portion of tank.  WMM-140 (422) Formerly ERS-8951 REMOVER/CLEANER INFORMATION JUSTIN POBOSIN ONN 401548 6-3-2	ntroduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.			
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bottom, middle and upper portion of tank. WMA-140 (4/22) Formerly ERS-8951 REMOVER/CLEANER INFORMATION JUSTIN POBODON ONN 401548 6-3-2	ink atmosphere monitored for flammable or combustible vapor levels prior to and during cleaning and cutting.			
Sustin Paborin Only 401548 6-3-2		Tank s	pace monitored	i at
Sustin Paborin Only 401548 6-3-2	4/22) Formerly ERS-8951			
Justin Pebboin Only 401548 6-3-2				_
	stin Pelopoin Only 401548	6	-3-2	2
IMOVERCLEANER NAME (PRINT): REMOVERCLEANER SIGNATURE CERTIFICATION # DATE TANK REMOVE	CLEANER NAME (PRINT): REMOVER/CLEANER SIGNATURE CERTIFICATION #	DAT	E TANK REMOVED	
Ittest that the procedures and information which I have provided as the tank closure contractor are correct and comply with ATCP 93. Impany expected to perform soil contamination assessment $CEOAC$ $Corp$ 401889		CP 93.		

Distribution: DATCP DNR Inspector Contractor Owner

-

H. INSPECTOR INFORMATION

ason

INSPECTOR NAME (PRINT)

Karczewski Allungushi RE (PRINT) INSPECTOR SIGNATURE 100 AGENCY/COMPANY NAME

22

6610 Richfield FDID # FOR LOCATION WHERE INSPECTION PERFORMED

(262) 307- 6440 INSPECTOR TELEPHONE NUMBER

DATE SIGNED

INSPECTOR NOTES:

Part B – To be completed by environmental professional	- Submit original Part B to the WDNR	along with a <i>copy</i> of Part A
--	--------------------------------------	------------------------------------

I. TANK-SYSTEM SITE ASSESSMENT (T	SSA)						
SITE NAME - Note: SITE NAME and address MUST MATCH with Part A Section 1.							
Millis Transfer LLC				-			
SITE ADDRESS (Not PO Box)		CITY TOWN VILLAGE		STATE			
3001 State HWY 167		Richfield		WI	53076		
	e ATCP 93 and section II part B of ASSES EGROUND STORAGE TANK SYSTEMS.	SSMENT AND REPORTING OF SUSF	PECTED AND OB	VIOUS I	RELEASES		
If a TSSA is required, then follow the p UNDERGROUND AND ABOVEGROU	rocedures detailed in ASSESSMENT ANI IND STORAGE TANK SYSTEMS	D REPORTING OF SUSPECTED AND	OBVIOUS RELE	EASES F	ROM		
1. Site Information							
a. Has there been a previously do	cumented release at this site? 🔲 Y 🛛 🕅	Ν					
If yes, provide the DATCP #		or DNR BRRT's #					
b. Number of active tanks at facilit	y prior to completion of current services:	USTs 1	ASTs 0				
	ly closed systems or system components.						
c. Excavation/trench dimensions (	in feet). (Photos must be provided.)	,					
			DEPTH				
EXCAVATION/TRENCH #		WIDTH			1		
Tank Bed	34	17	12				
Piping	24	4	3				
	1						
2. Visual Excavation/Trench Inspect	tion (Photos must be provided for "Yes	" responses, except item b.)					
Do any of the following conditions exis	t in or about the excavation(s)?						
a. Stained soils: 🛛 Yes 🛛 No	b. Petroleum odor: 🛛 Yes 🗌 N	o c. Water In excavation/trench:	🛛 Yes 🔲 No	)			
d. Free product in the excavation/		n or free product on water:					
3. Geology/Hydrogeology							
a. Depth to groundwater 13	feet b Indica	te type of geology <sup>2</sup> Silty sand					
a. Depth to groundwater 13 feet b. Indicate type of geology <sup>2</sup> Silty sand							
a. Water supply well(s) within 250 feet of the facility? X Yes No If yes, specify: Potable well on site, specific location unknown							
b. Surface water(s) within 1000 feet of the facility? $\square$ Yes $\square$ No 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.							
	propriate. (Attach chain-of-custody and la	boratory analytical reports.)					
c. Attach a detailed map of site fea		· ····································					

#### J. NOTE RELEVANT OBSERVATIONS, SPECIFIC PROBLEMS OR CONCERNS BELOW

Groundwater was encountered in the bottom of the excavation. No base samples were collected. Sidewall samples were collected approximately 12 feet below ground surface, just above the water table. Soil samples S-1 and S-12 had elevated PID readings. The western tank wall was approximately 8 feet from the master pump. Soil sample S-1 was collected approximately 3 feet below the master pump. Soil sample S-12 was collected from the west side wall at approximately 12 feet. Sample S-12 acts as a confirmation sample from beneath soil sample S-1. 1,2,4-Trimethylbenzene was detected in the trip blank at 32J micrograms per kilogram, the result was detected between the laboratory limit of detection and the limit of quantification.

#### TR-WM-140 (4/22) Formerly ERS-8951

Sample ID #	Sample Location &	Sample Collection Method				Depth Below	Field Screening	GRO	DRO
			Direct Push	Split Spoon	Tank/Piping (feet)	Result (ppm)	(mg/kg)	(mg/kg	
S-1	East master piping / Silty sand	$\boxtimes$				-3	130.4		
S-2	South satellite piping / Silty sand	$\boxtimes$				-3	0.7		
S-3	West master piping / Silty sand	$\boxtimes$				-3	0.2		
S-4	North satellite piping / Silty sand	$\boxtimes$				-3	0.2		
S-5	Southwest wall / Silty sand	$\boxtimes$				-12	0.4		
S-6	South wall / Silty sand	$\boxtimes$				-12	0.3		
S-7	Southeast wall / Silty sand	$\boxtimes$				-12	0.2		
S-8	Northwest wall / Silty sand	$\boxtimes$				-12	0.4		
S-9	North wall / Silty sand	$\boxtimes$				-12	0.5		
S-10	Northeast wall / Silty sand	$\boxtimes$				-12	1.0		
S-11	East wall / Silty sand	$\boxtimes$				-12	1.4		
S-12	West wall / Silty sand	$\boxtimes$				-12	171.1		

Sample ID # BENZENE TOLUENE ETHYLBEN		ETHYLBENZENE	МТВЕ	TRIMETHYL - BENZENES (TOTAL)	XYLENES (TOTAL)	NAPHTHALENE	
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
S-1	<17	<17	670	<45	8,200	3,300	<38
S-2	<8.5	<8.5	<11	<23	<22	<13	<19
S-3	<8.6	<8.6	<11	<23	<22	<13	<20
S-4	<8.6	<8.6	<11	<23	<22	<13	<20
S-5	<8.6	<8.7	<11	<23	<22	<13	<20
S-6	<8.4	<8.5	<11	<23	<22	<13	<19
S-7	<8.6	<8.6	<11	<23	<22	<13	<20
S-8	<8.5	<8.5	<11	<23	<22	<13	<19
S-9	<8.9	<8.9	<11	<24	<23	<13	<20
S-10	<8.7	<8.8	<11	<24	<23	<13	<20
S-11	<8.8	<8.9	<11	<24	<23	<13	<20
S-12	<8.6	12JB	1,100	<23	12,500	3,100	<20
Trip Blank	<7.3	<7.4	<9.2	<20	32J	<11	<17

#### K. TANK-SYSTEM SITE ASSESSMENT INFORMATION

As a tank-system site assessor certified under Wis. Admin. Code section ATCP 93.240, it is my opinion that there is no indication of a release of a regulated substance to the environment.

1

Sampling at the site indicates there has been a release to the environment. Pursuant to Wis. Admin. Code section ATCP 93.585 (2) (a) and Wis. Stats. section 292.11 (2) (a), the owner or operator or contractor performing work under chapter ATCP 93 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 168.26 (5). Each day of continued violation and each tank are treated as separate offenses.

Quin Lenz	2-	-15	494047
TANK-SYSTEM SITE ASSESSOR NAME (PRINT):	TANK-SYSTEM S	SITE ASSESSOR SIGNATURE	CERTIFICATION NO.
(920) 491 - 9081	6/20/2022	Cedar Corporation	
TANK-SYSTEM SITE ASSESSOR TELEPHONE NUMBER	DATE SIGNED	COMPANY NAME	

1

This document can be made available in alternate formats to individuals with disabilities upon request.

TR-WW-137 (9/20) Formerty ERS 7437 Wisconsin Department of Bureau of Weights and Mea PO Box 7837 Madison, Wi (608) 224-4942 UNDERGROUND FLAMMABLE/COM Personal information you provide may be u Underground tanks in Wisconsin th A separate form is needed	ISURES 153707-7837 IBUSTIBLE/HAZARD used for purposes other than the hat have stored or currently st ed for each tank. Send each of	OUS LIQUID S hat for which it was ori- ore petroleum or regul completed form to the	TORAGE TA ginally collected (s ated substances r agency designate	a. 15.04(1)(m) Wis. S nust be registered, d above.	<u>4TCP 93.140</u> ATION Stats.).
This registration applies to a 🖾 tank 🗌 piping status that	is (check one): Date Date Data Data Data Data Data Data		vith Product vithout Product (emp	oty) Only (complete boxes 1	a, and b. below)
Ownership Change (Indicate new owner name in box 2 -	The second s				
IDENTIFICATION (Please Print)	X+	and the second	da sere	1	1.000
1. TANK SITE NAME		COUNTY		PHONE	
MILLIS TRANSFER INC a. CURRENT SITE STREET ADDRESS		WASHINGT	LLAGE TOWN	OF: STATE	ZIP
3001 STATE RD 167 W		RICHFIELD	LLAGE LI TOWN	WI WI	53076
b. PREVIOUS SITE STREET ADDRESS					
Fire Dept. providing fire coverage where tank is located:		of RICHEIELD #661	0		1
2. TANK OWNER LEGAL NAME		COUNTY	•	PHONE: Check	
MILLIS TRANSFER INC		JACKSON		(715) 299 - 231	
MAILING ADDRESS			CITY VILLAGE TOWN		ZIP
P.O. BOX 550		BLACK RIVE	RFALLS	WI	54615
3. PROPERTY OWNER NAME (if different from Tank Owner i	Legal Name #2)	COUNTY (if diffe	erent from County #2	)	
PROPERTY OWNER ADDRESS (if different from Site Street	et Address #1)			OF: STATE	ZIP
4. CLASS & NAME	DOB		CERTIFICATION	: (Attach certificate)	
5. CLASS B NAME	DOB		CERTIFICATION	: (Attach certificate)	
			1.5.1.6.3	Warran and a second	
SITE ID:	FACILITY ID # 412663		CUSTOMER ID	-	
Tank Capacity (gallons): 15000	Tank Age (age or date installed)			Vehicle fueling:	and the second se
LAND OWNER TYPE (Refer to back; check one): County OCCUPANCY TYPE (check one) Refer to back Retail Fuel Sales Mercantile/Commercial	Bulk Storage				_
Agricultural (crop or livestock production)	Backup or Emergency Gene	시 이야지 않는 것은 것이에서 사람이다.			overnment Fleet
TANK CONSTRUCTION:				Overfill Protection?	XYes DI
Bare Steel Coated Steel Steel - Fiberg	lass Reinforced Plastic Composite	¢		Spill Containment?	XYes D!
Fiberglass Unknown Other (specify)	); 🗖 Lin	ed (date):		Tank Double Walled?	□Yes Ø!
TANK CATHODIC PROTECTION: Sacrificial Anor	des 🔲 Impressed Current	N/A			
TANK LEAK DETECTION METHOD: Automatic tank g		ng ⇔ Electronic □ Yes	No St	atistical Inventory Reco	nciliation (SIR)
Manual tank gauging (only for tanks of 1,000 gallons or les			the second s		
PIPING CONSTRUCTION: Single Wall Double Wall:					
□ Bare Steel □ Coated Steel ☑ Fiberglass PIPING CATHODIC PROTECTION: □ Sacrificial Anodes		Unknown IN/A	Other:		
	g with ⇔ □ A. Pump auto shuto		strictor - MLLD	Ulakaoun	
[일기 : 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	ing with check valve at pump and		eded if waste oil	Unknown	
	toring ⇔ Electronic □ Yes □			No	
Tightness testing Electronic line monitor - ELLD	SIR Not required	Unknown		77	
TANK CONTENTS       Current, or previous product (if tank now et al. 1996)         □ Bio-Diesel:       %       □ Hazardous Waste/Interface*         □ Waste/Used Motor Oil ⇔       □ Used for Heating         □ Other (specify):	empty) (* = NOT PECFA eligible)  Kerosene Fuel Oil Aviation Empty* Chemical* Name:		ew Oil 🛛 New o	ethanol blend: % et bil – Flash point less tha own	
Has a site assessment been completed? (see reverse side )	for details) 🛛 Yes 🗆 No				5
TANK OWNER LEGAL NAME (please print)	TANK	OWNER E-MAIL			
Christopher Schwer					
TANK OWNER SIGN THRE (Note: By signing, signer is acce	epting legal and financial responsi	bility for the storage tank	system.)	DATE:	
apartal	Note: Refer to comments o	n reverse side of form	n.		
	the second secon				

Wisconsin Department of Agriculture, Trade and Consumer Protection Bureau of Weights and Measures Storage Tank Regulation, PO Box 7837, Madison, WI 53707-7837 Phone: (608) 224-4942 FOR OFFICE USE ONLY

Wis. Admin. Code §ATCP 93.115 §ATCP 93.350

# ATCP 93 NOTIFICATION RECORD

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

TO: Darren Leone OFFICE LOCATION:

(Refer to https://datcp.wi.gov/Pages/Programs Services/StorageTankContacts.aspx for a jurisdiction's authorized agent/department.)

Note: Only the notification form is required for non-flammable, non-combustible, hazardous liquid, or CERCLA tanks greater than or equal to 5,000 gallon capacity that are under the direct supervision of a qualified engineer. A plan review is not required. (ATCP 93.350(2)(b)). LOCATION / IDENTIFICATION

Millis Transfer Inc			ITY NUMBER	FIRE DEPT		TRE PROTEC	D COVERAGE
SITE STREET ADDRESS 3001 State Road 167 W			Richfiel	VILLAC	GE STATE	53076	washington
OWNER NAME Millis Transfer Inc			IE NUMBER	TANK OWNE	ER EMAIL		
OWNER STREET ADDRESS			Black Hi	ven Fa	ell's	STATE	E SHEIS
CONTRACTOR NAME ADVANCED TANK SERVICE, INC	PHONE NUMBE (715) 831 - 8		CELL NUMBER (715) 579 - 832	24 moiso	on@adv-tank	k.com	
STREET ADDRESS P.O. BOX 1072				NWN	VILLAGE	STATE	E ZIP 54702
DATE WORK IS TO BEGIN DATE/TIME REQUESTED FOR TANK INSPECTION		ATCP	93 CERTIFIED INS Justin R			QUALIFIED E	NGINEER

PROJECT WILL INVOLVE: (Check all that apply) PI

Plan Approval No.: Approval Date:

	UST	AST	No. of Tanks	Comments:
Tank Installation				
Dispenser POS Conversion				
Piping Installation or Upgrade				]
Leak Detection Upgrade				
Spill or Overfill Protection				
Cathodic Protection or Interior Lining				15K DSL
CERCLA Chemical Tank(s) Only1				/3/-
Tank Closure	X		1	
Alternative Fuel Storage Tank Installation <sup>2,3,5</sup> (see footnotes below)				
Alternative Fuel Storage Tank Conversion <sup>4,5</sup> (see footnotes below)				TSSA: Cedar Conponation

Send Notice to DATCP (see address above). Installation inspection is not required if construction/installation is supervised by a qualified engineer.

<sup>2</sup>For LPO installations send notice to both the assigned LPO and DATCP General Inspection Inspector. DATCP General Inspection Inspector will be at the final inspection only. Alternative fuel storage tank systems shall not begin operation until the DATCP General Inspection Inspector has granted approval.

<sup>3</sup>For DATCP installation inspections send notice to only the assigned DATCP Installation Inspector. Alternative fuel storage tank systems shall not begin operation until the DATCP general inspector has granted approval.

<sup>4</sup>Send notice to only the DATCP General Inspection Inspector.

<sup>5</sup>See Conditional Approval letter and Notification email for Installation and general inspector information.

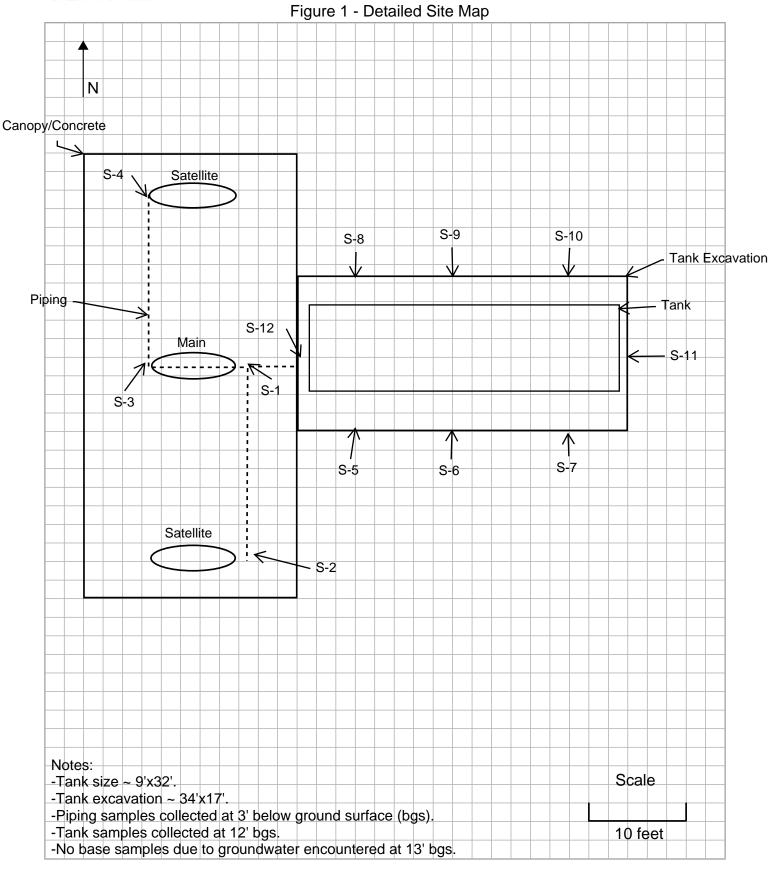
For USTs: If an Owner/Operator intends to begin operation immediately after the final inspection, they shall prepare and submit the documentation listed below at least 15 days prior to the final inspection:

- A TR-WM-137 Underground Flammable/Combustible Liquid Storage Tank Registration.
- A Wisconsin Operator Training Designation form.
- Affidavit of Financial Responsibility, certificate of insurance, and site schedule of covered locations and storage tanks.



604 Wilson Avenue Menomonie, WI 54751 engineering | architecture | environmental | surveying landscape architecture | planning | economic development JOB Millis Transfer LLC

BY QL DATE 6/3/2022





# PHOTOGRAPH LOG

Client Name: Wisconsin Department of Natural Resources Photo No. Date: 1 6/3/2022 Direction Photo

Taken:

Northwest

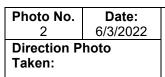
#### **Description:**

View of the tank location prior to removal.

**Site Location:** 3001 State Highway 167, Richfield WI

**Project No.** 00590-0009





East

#### **Description:**

View of the tank during removal.



Photo No. 3	<b>Date:</b> 6/3/2022	
Direction Ph Taken:	oto	
Northwest		
Description:		
15,000-gallor removed from	n tank n the Site.	
Photo No.	Dato:	
4 Direction Ph	Date: 6/3/2022 oto	
Taken: West		
Description:		
Area of the tank excavation.		

Photo No.         Date:           5         6/3/2022	
Direction Photo Taken:	
South	
Description:	
View of the south sidewall of the tank excavation.	
Photo No.         Date:           6         6/3/2022	
Direction Photo Taken:	
Southwest	
Description:	
View of the west sidewall of the tank excavation	

Photo No.         Date:           7         6/3/2022	
Direction Photo Taken:	
Northwest	
Description:	
View of the north sidewall of the tank excavation.	
Photo No. Date:	
8 6/3/2022 Direction Photo Taken:	
Northeast	
Description:	
View of the east sidewall of the tank excavation.	

Photo No.         Date:           9         6/3/2022	
9 6/3/2022 Direction Photo Taken:	
North	
Description:	
View of the pipe excavation running from the main to the northern satellite.	
Photo No.         Date:           10         6/3/2022	
Direction Photo Taken:	
North	
Description:	A CARLER CONTRACT
View of the pipe excavation running from the main to the northern satellite.	

	<b>OSI</b> Environmental, Inc. STRAIGHT BILL OF	LADING	GMO- 4866
1 -	Advanced Tank Service #6497	Millis Transfer	
L _	Pick-up 4 drums diesel sludge	3001 Holy Hill Rd	
т —	East Side of Bldg. R	Richfield, WI 5307	6
O P	hone number: M Phone numbe	r:	

#### O Phone number:

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on route to said destination. It is mutually agree, as to each carrier of all or any of said property over all or any portion of said route to destination, as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

Route: BEST WAY		
Delivery Carrier: 🔲 OSI Environmental, Inc.	US DOT Hazmat Reg. Number: MN	NT 280011586
Alternate Carrier:	US DOT Hazmat Reg. Number:	
Number of		
Packages HM Description of articles		ERG
RQ, UN1203, Flammable Liquid, N. Gasoline for Recycle APPROXIMATE GALLONS:	O.S. 3 PG II	128
Designated Facility OSI ENVIRONMENTAL, 912 TESC	H CT WALKESHA WI 53186	
Specialty Product for Recycle Mineral Oil PG III (NON PCB:		128
Designated Facility OSI ENVIRONMENTAL, 912 TESCI	H CT., WAUKESHA, WI 53186	
Specialty Product for Recycle Mineral Oil PG III (NON PCB: APPROXIMATE GALLONS:		128
Designated Facility OSI ENVIRONMENTAL, 912 TESCH	H CT., WAUKESHA, WI 53186	
4       RQ, UN1202, Fuel Oil, Combustible         Surplus Fuel for Recycling         APPROXIMATE GALLONS: 22(1)	DIESE SLUDBE	128
Designated Facility OSI ENVIRONMENTAL, 912 TESCH	H CT., WAUKESHA, WI 53186	
This is to certify that the above-named materials are properly classified, described, to the applicable regulations of The Department of Transportation.	packaged, marked and labeled, and is in proper condition for tr	ansportation according
Placards Required: None	Placards Supplied: NO - Eurnishe	d By Carrier
Shipper Signature: DOB Maller	Carrier Signature:	M
Date: 6 13 - 22	Received By That's Ma	L Date 613:2.
CUSTOMER PROJECT NUMBER:		
UNIT #:	OSI Environmental, Inc. 800-732-5667 912 Tesch Court EPA # WIR000 Waukesha, WI 53186	7 0147397 WDNR #14740
OSI TANK NUMBER:		
EMERGENCY RESPONSE TI	ELEPHONE NUMBER: (800)-732-566'	7
SHI	PPER COPY	



Attachment B – Field Forms

State of Wisconsin					MONTOPING		
	Watershed/Wastewater			agement	MONITORING WI Form 4400-113A	ELL CONSTRU Rev. 7-98	CTION
Facility/Project Name	Remediation/Redevelor		Other				
Millis Transfer - Richfield	Local Grid Location o	_ 🗆 🗆 N		ft. 🛛 E.	Well Name MW-1	ſ	
Facility License, Permit or Monitoring No.	Local Grid Origin	$\frac{ft}{S}$					
I wany meense, I child of Monitoring 140.	Lat.	(esumated	ng	• 11	Wis. Unique Well N	IO. DNR Well IL	) No.
Facility ID			ng	or			
	St. Plane	ft. N,		ft. E. S/C/N	Date Well Installed 10	/ 28 / 2022	
Type of Well	Section Location of W			IXI E	Well Installed By:	m d d v v	V Y
Well Code /	<u>NE_1/4 of NE_1/4</u>	of Sec. 13	<u>3T09</u>	<u>N, R. 19</u>	Wen instance By:	$\Delta \Omega \Omega 1 1 \Lambda$	ma rum
Distance from Waste/ Enf. Stds.	Location of Well Rela u Upgradient		te/Source idegradient	Gov. Lot Number		LINKNA	_
Sourceft_ Apply	d Downgradient		0	1	On Site En	vironmental	
	ft. MSL			. Cap and lock?		🗙 Yes 🗆	
	ft. MSL			. Protective cover p	pipe:		,
B. Well casing, top elevation				a. Inside diameter	- -	<u>_</u>	in.
C. Land surface elevation	fLMSL			b. Length:		5·0	<u>3_ft</u> .
D. Surface seal, bottom ft. MS	an fi 💦			c. Material:		Steel 🗖	04
						Other 🗆	]
12. USCS classification of soil near screen			N	d. Additional pro	lection?	🗆 Yes 🗆	No
				If yes, describe	2:		
Bedrock		100	🗱 🔪 `3	. Surface scal:		Bentonite 🛛	I 30
13. Sieve analysis performed?	Yes 🕱 No			•		Concrete	01
	· · · ·		× `.	Aspha	] [	. Other 🗶	
14. Drilling method used: Rot	•		3 4 3 4	. Material between	well casing and prote		
Hollow Stem Au GEODIDDE O	ther					Bentonite 📕	•
			3			Other 🗆	
15. Drilling fiuid used: Water 🗆 0 2	Air 🗆 01		a	. Annular space sea		pped Bentonite	-
	Ione 1 99		òi -		und weight Bentor		
	-			cLbs/gal m	ud weight Be te Bentonit	ntonite slurry	31
16. Drilling additives used?	res VI No				volume added for an		50
				How installed:		Tremie □	01
Describe				, now instance:		remie pumped	
17. Source of water (attach analysis, if requ	ired):		8			Gravity 💢	
NA			6	. Bentonite seal:	a. Bent	ionite granules 🔲	33
n			XI XI	b. □1/4 in. 1	3/8 in. □1/2 in. I		
E. Bentonite seal, topft. MSI	Lor <u>Q° O</u> ft.			c		Other 🛛	
-	25 \			-			·200.000
F. Fine sand, top ft_ MSI	່ຫຼີງີງ_ft 🔨 ື		×/ /	$\frac{1}{2}$ Fine sand material	I: Manufacturer, pro	duct name & mes	h size
	. 4 . `		X /	a KVV D	ICIEY		
G. Filter pack, top ft. MSI	Lorft			b. Volume added	0.05	fi <sup>3</sup> ADPX	
H. Screen joint, top ft. MSJ	(- 10 a-		8.	. Filter pack materi	al: Manufacturer, pro	duct name & mer	sh size
H. Screen joint, top ft. MSJ				a KUD	Idey		
I. Well boutom ft. MSI	Lor_ <u></u> ft			b. Volume added	0.9	ft3 APPY	
	······································		. 9	. Well casing:	Flush threaded PVC		
J. Filter pack, bottomft. MSI	or 18 ft~	/賞			Flush threaded PVC		24
				<u> </u>	Dil	Other 🛛	****
K. Borehole, bottom ft. MSI			3	. Screen material:	- PVC		
_				a. Screen type:	Ca	Factory cut	11
L. Borehole, diameter _3.5 in.			۹.		Co	ntinuous slot	01
				b. Manufacturer		Other 🗆	
M. O.D. well casing $1  (          $			1	c. Slot size:		0. <u>0</u>	\ in
			<b>\</b>	d. Slotted length:			<u></u> m. ft.
N. I.D. well casing $1.38$ in.			•	Backfill material (	below filter pack).	_	
^					puvali	Other	
I hereby certify that the information on this I	orm is true and correct	to the best	of my know	ledge.			<u> </u>
Signature ////////////////////////////////////	Firm	100	NA.	C (A A			
	VY Y	["V"]	V U V	UND	•		

Please complete both Forms 4400113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin Department of Natural Resources

#### MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wastew Remediation/Redev	/	, Waste Managemen Other	t 🛄		
	County Name Washing		Well Name MW-1		
	County Code	Wis. Unique Well N		DNR We	ell ID Number
<ul> <li>2. Well development method</li> <li>surged with bailer and bailed</li> <li>surged with bailer and pumped</li> <li>surged with block and bailed</li> <li>surged with block and pumped</li> <li>surged with block, bailed and pumped</li> <li>compressed air</li> <li>bailed only</li> <li>pumped only</li> <li>pumped slowly</li> <li>Other</li> </ul>	1 2 2 0 0 0 0 1	<ul> <li>11. Depth to Water (from top of well casing)</li> <li>Date</li> <li>Time</li> <li>12. Sediment in well bottom</li> <li>13. Water clarity</li> </ul>	a <u>1</u> L . b. <u>1</u> L / <u>0</u> Z c <u>9</u> : <u>0</u> (	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \\ \end{array} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} $	$ \underbrace{ \text{After Development}}_{- \perp \perp .0 \& \text{ft.}} $ $ \underbrace{ 22 \downarrow .0 \& \text{ft.}}_{y y m m d d y y y y y} $ $ \underbrace{ 9 : 57 \textcircled{a.m.}_{p m.}}_{- \textcircled{b.} \bigcirc \text{inches}} $ $ \underbrace{ \text{Clear} = 20 \\ \text{Turbid} = 25 $
<ul> <li>4. Depth of well (from top of well casisng)?</li> <li>5. Inside diameter of well?</li> <li>6. Volume of water in filter pack and well?</li> <li>7. Volume of water removed from well?</li> </ul>	8 in.	<ul><li>14. Total suspended solids</li><li>15. COD</li></ul>	PLIMP PCHOR ds were used at NA	<u>d</u> <u>1119</u> nd well is : <u>mg/l</u> <u>1</u> mg/l	(Describe) <u>CLUAY</u> <u>WLAY</u> <u>PCHD</u> at solid waste facility: <u>NA.</u> _mg/1 _NAmg/1
10. Analysis performed on water added?       Image: Yes (If yes, attach results)         17. Additional comments on development:         Surged V4 <sup>II</sup> Fubing d		16. Well developed I First Name: Ashle Firm: Cedar Corp	ey poration	Last Nam	n le: Wagner
Name and Address of Facility Contact/Owner/Responsible	Party	I hereby certify the	at the above inf	ormation i	s true and correct to the best

First Name: Dan Last Name: Millis	of my knowledge.
Facility/Firm:	Signature: UDAUL Wald
Street:	Print Name: Ashley Wagner
City/State/Zip: Black River Falls, WI	Firm: Cedar Corporation

NOTE: See instructions for more information including a list of county codes and well type codes.



**Groundwater Sampling Log** 

#### **Project Information:**

Project Name: Millis Transfer Richfield	Well ID: MW-1	Date: 11/2/22		
Cedar Project Number: M6838-001	Cedar Representative: Ashley Wagner			
Project Address: 3001 W Holy Hill Rd, Richfield, WI 53076				
Water Quality Meter (Make, Model, S/N): Hanna, HI9813-6, 04240008101				

#### Water Level Information:

Depth to Bottom (ft. below TOC): 19.66	Length of Water Column: 8.61 ft
Depth of Water (ft. below TOC): 11.05	One Well Volume (c*0.08[for 1" dia. Pipe]): 0.69 gal

#### Well Purging Data:

Purge Method: Purge/sample peri pump

Minimum Required Volume: Developed well prior to sampling (16.5 gal)

#### Water Quality Parameters:

Time	Gallons	pН	Cond. (mS/cm)	TDS (ppm)	Temp (°C)	Notes
	Initial					
9:55	16.5	7.1	1	NM	15	color: clear/brown specks
						odor: weak petro
						clarity: clear
				_		
Temp = De	grees Celsui	S	Cond. = Electrical	Conductivity	TDS = Total [	Dissolved Solids
Method of	sampling: P	urge/sampl	e peri pump	Have groundwate	er paramerters	s been met?
Sample ID:		0 / 1		Yes	No (	NA
Analysis: PVOCs + Naphthalene			Explaination:		$\bigcirc$	
Sample Time:						
Additional Comments:						



**Groundwater Sampling Log** 

#### **Project Information:**

Project Name: Millis Transfer Richfield	Well ID: PW-1	Date: 11/2/22			
Cedar Project Number: M6838-001	Cedar Representative: Ashley Wagner				
Project Address: 3001 W Holy Hill Rd, Richfield, WI 53076					
Water Quality Meter (Make, Model, S/N): Hanna, HI9813-6, 04240008101					

#### Water Level Information:

Depth to Bottom (ft. below TOC): NA Depth of Water (ft. below TOC): NA Length of Water Column: NA One Well Volume (c\*0.08[for 1" dia. Pipe]): NA

#### Well Purging Data:

Purge Method: Purge faucet in facility Minimum Required Volume: NA

#### Water Quality Parameters:

Time	Gallons	рН	Cond. (mS/cm)	TDS (ppm)	Temp (°C)	Notes				
	Initial									
10:48	NM	7.3	1.36	NM	15.5	color: clear				
						odor: none				
						clarity: clear				
						Turned faucet on, and				
						let run for appx 10 min,				
						pressure tank turned on				
						before sampling.				
Temp = De	grees Celsui	S	Cond. = Electrical	Conductivity	TDS = Total [	Dissolved Solids				
Method of	sampling: S	ample spigo	ot at pressure tank	Have groundwat	er paramerter	s been met?				
Sample ID:			· ·	Yes	No	NA				
Analysis: P	/OCs + Napl	hthalene		Explaination:		$\smile$				
Sample Tin	ne:									
Additional	Additional Comments:									



**Groundwater Sampling Log** 

#### **Project Information:**

Project Name: Millis Transfer Richfield	Well ID: MW-1	Date: 12/2/22		
Cedar Project Number: M6838-001	Cedar Representative: Ashley \	Wagner		
Project Address: 3001 W Holy Hill Rd, Richfield, WI 53076				
Water Quality Meter (Make, Model, S/N): Hanna, HI983	13-6, 04240008101			

Water Level Information:

Depth to Bottom (ft. below TOC): 19.76Length of Water Column: 9.37 ftDepth of Water (ft. below TOC): 10.39One Well Volume (c\*0.08[for 1" dia. Pipe]): 0.75 gal

#### Well Purging Data:

Purge Method: Purge/sample peri pump

Minimum Required Volume: Redeveloped well prior to sampling (15 gal)

#### Water Quality Parameters:

Time	Gallons	pН	Cond. (mS/cm)	TDS (ppm)	Temp (°C)	Notes				
	Initial									
9:00	15	7	1.45	NM	11.8	color: clear				
						odor: none				
						clarity: clear				
Temp = De	grees Celsui	S	Cond. = Electrical	Conductivity	TDS = Total [	Dissolved Solids				
Method of	sampling: P	urge/sampl	e peri pump	Have groundwate	r paramerter	s been met?				
Sample ID:				Yes	No	NA				
	/OCs + Napl	hthalene		Explaination:						
Sample Tin				· ·						
Additional	Comments:									



Attachment C – Photo Log



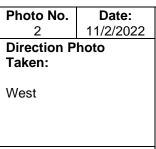
 Client Name: Millis Transfer
 Site Location: Richfield, WI
 Project No. M6838-001

 Photo No.
 Date:
 11/2/2022

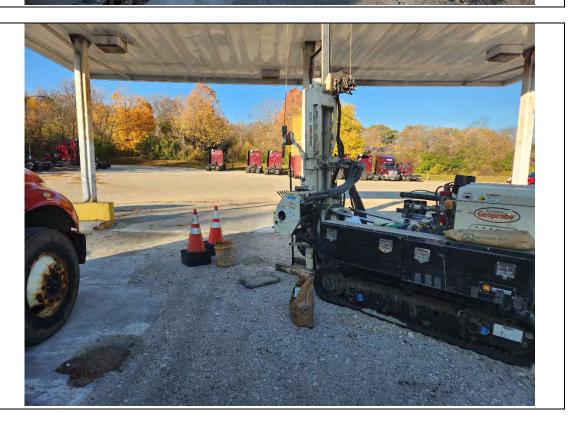
 Direction Photo
 Taken:
 Taken:

 East
 East
 Description:

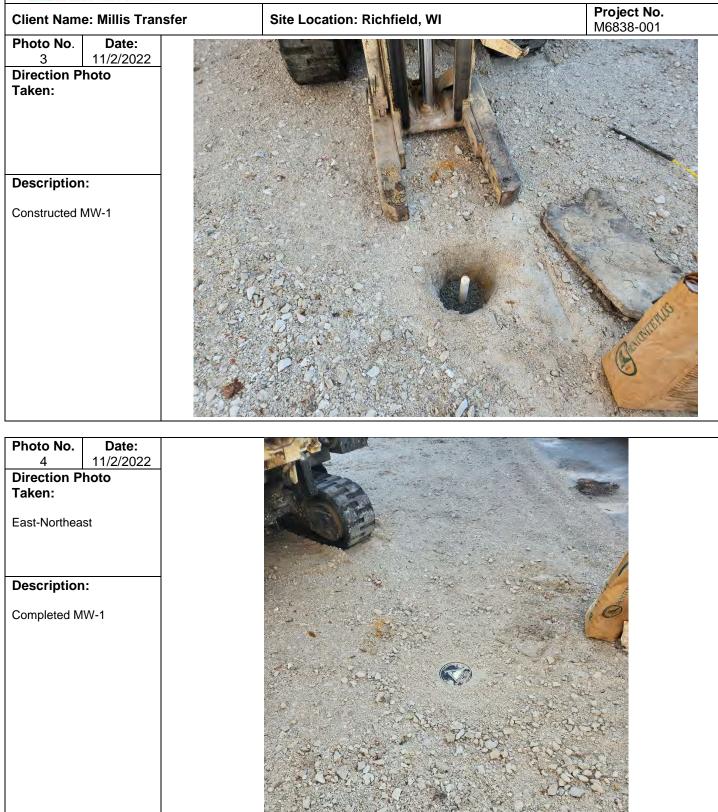
 Drilling MW-1
 Drilling MW-1
 Different of the second of the



Description: Drilling MW-1





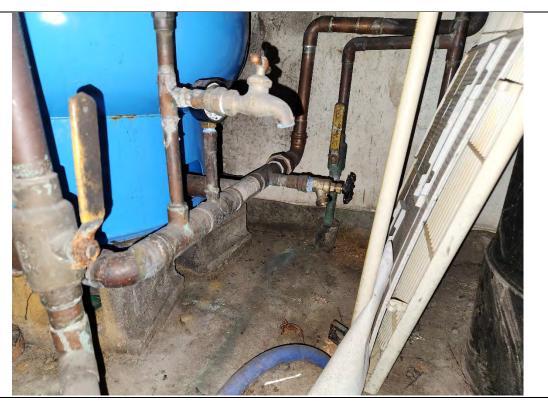




Client Name: Millis Transfer	Site Location: Richfield, WI	Project No. M6838-001
Photo No.       Date:         5       11/2/2022         Direction Photo       Taken:         Southeast       Southeast         Description:       Location of pressure tank, PW-1 sample	<image/>	M6838-001

# Photo No. Date: 6 11/2/2022 Direction Photo Taken: East Description:

Location of pressure tank, PW-1 sample





#### Photo No. Date: 8 12/2/2022 Direction Photo Taken:

West

#### **Description:**

Former tank cavity paved over – MW-1 in sound condition





## Client Name: Millis Transfer Site Location: Richfield, WI Project No. M6838-001 Photo No. Date: 9 12/2/2022 12/2/2022 Direction Photo Taken: East-Southeast Image: Comparison of the second sec



Attachment D – Laboratory Analytical Reports

## 🔅 eurofins

## Environment Testing America

### **ANALYTICAL REPORT**

Eurofins Chicago 2417 Bond Street University Park, IL 60484 Tel: (708)534-5200

#### Laboratory Job ID: 500-217596-1

Client Project/Site: Richfield Tank Pull

#### For:

LINKS

Review your project results through

EOL

Have a Question?

Ask-

The

www.eurofinsus.com/Env

Visit us at:

Expert

Cedar Corporation 1695 Bellevue Street Green Bay, Wisconsin 54311

Attn: Quin Lenz

and a frederich

Authorized for release by: 6/20/2022 7:46:03 AM

Sandie Fredrick, Project Manager II (920)261-1660 Sandra.Fredrick@et.eurofinsus.com

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

## **Table of Contents**

Cover Page	1
Table of Contents	2
Case Narrative	3
Detection Summary	4
Method Summary	5
Sample Summary	6
Client Sample Results	7
Definitions	20
QC Association	21
Surrogate Summary	23
QC Sample Results	24
Chronicle	28
Certification Summary	32
Chain of Custody	33
Receipt Checklists	35

#### Job ID: 500-217596-1

#### Laboratory: Eurofins Chicago

#### Narrative

Job Narrative 500-217596-1

**Case Narrative** 

#### Comments

No additional comments.

#### Receipt

The samples were received on 6/4/2022 9:15 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.6° C.

#### GC/MS VOA

Method 8260B: The following sample was diluted due to the abundance of non-target analytes: S-1 (500-217596-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Job ID: 500-217596-1

#### **Detection Summary**

**Client: Cedar Corporation** Project/Site: Richfield Tank Pull

#### Job ID: 500-217596-1

#### Lab Sample ID: 500-217596-1

Client Sample ID: S-1						Lab Sample ID: 500	)-217596-
Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac D Method	Prep Type
Ethylbenzene	670		29	21	ug/Kg	100 🔅 8260B	Total/NA
1,2,4-Trimethylbenzene	5700		110	41	ug/Kg	100 🌣 8260B	Total/NA
1,3,5-Trimethylbenzene	2500		110	44	ug/Kg	100 🌣 8260B	Total/NA
Xylenes, Total	3300		57	25	ug/Kg	100 🌣 8260B	Total/NA
Client Sample ID: S-2						Lab Sample ID: 500	)-217596-
No Detections.							
Client Sample ID: S-3						Lab Sample ID: 500	)-217596-
No Detections.							
Client Sample ID: S-4						Lab Sample ID: 500	)-217596-
No Detections.							
Client Sample ID: S-5						Lab Sample ID: 500	)-217596-
No Detections.							
Client Sample ID: S-6						Lab Sample ID: 500	)-217596-
No Detections.							
Client Sample ID: S-7						Lab Sample ID: 500	)-217596-
No Detections.							
Client Sample ID: S-8						Lab Sample ID: 500	)-217596-
No Detections.							
Client Sample ID: S-9						Lab Sample ID: 500	)-217596-
No Detections.							
Client Sample ID: S-10						Lab Sample ID: 500-	217596-1
No Detections.							
Client Sample ID: S-11						Lab Sample ID: 500-	217596-1
No Detections.							
Client Sample ID: S-12						Lab Sample ID: 500-	217596-1
Analyte		Qualifier	LOQ		Unit	Dil Fac D Method	Prep Type
Ethylbenzene	1100		15		ug/Kg	50 🌣 8260B	Total/NA
Toluene		JB	15		ug/Kg	50 🌣 8260B	Total/NA
1,2,4-Trimethylbenzene	9400		59		ug/Kg	50 ☆ 8260B	Total/NA
1,3,5-Trimethylbenzene	3100		59		ug/Kg	50 ☆ 8260B	Total/NA
Xylenes, Total	3100		30	13	ug/Kg	50 ☆ 8260B	Total/NA
Client Sample ID: Trip Blan	k					Lab Sample ID: 500-	217596-1
Analyte	Posult	Qualifier	100	וח	Unit	Dil Esc. D. Mothod	Bron Type

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	<b>Р</b> гер Туре
1,2,4-Trimethylbenzene	32	J	50	18	ug/Kg	50	_	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

#### **Method Summary**

#### Client: Cedar Corporation Project/Site: Richfield Tank Pull

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
5035	Closed System Purge and Trap	SW846	TAL CHI

#### **Protocol References:**

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

#### Laboratory References:

TAL CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

#### Sample Summary

#### Client: Cedar Corporation Project/Site: Richfield Tank Pull

Job ID:	500-217596-1
---------	--------------

5

6

ab Sample ID	Client Sample ID	Matrix	Collected	Received
00-217596-1	S-1	Solid	06/03/22 12:40	06/04/22 09:15
00-217596-2	S-2	Solid	06/03/22 12:45	06/04/22 09:15
00-217596-3	S-3	Solid	06/03/22 12:50	06/04/22 09:15
00-217596-4	S-4	Solid	06/03/22 12:55	06/04/22 09:15
00-217596-5	S-5	Solid	06/03/22 13:00	06/04/22 09:15
00-217596-6	S-6	Solid	06/03/22 13:03	06/04/22 09:15
00-217596-7	S-7	Solid	06/03/22 13:06	06/04/22 09:15
00-217596-8	S-8	Solid	06/03/22 13:10	06/04/22 09:15
00-217596-9	S-9	Solid	06/03/22 13:15	06/04/22 09:15
00-217596-10	S-10	Solid	06/03/22 13:20	06/04/22 09:15
00-217596-11	S-11	Solid	06/03/22 13:25	06/04/22 09:15
00-217596-12	S-12	Solid	06/03/22 13:30	06/04/22 09:15
00-217596-13	Trip Blank	Solid	06/03/22 10:00	06/04/22 09:15

#### Client Sample ID: S-1 Date Collected: 06/03/22 12:40 Date Received: 06/04/22 09:15

Joh	ın	500-217596-1
000	ιυ.	300-217330-1

#### Lab Sample ID: 500-217596-1

Matrix: Solid Percent Solids: 92.7

5

7

Method: 8260B - Volatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<17		29	17	ug/Kg	☆	06/03/22 12:40	06/16/22 12:08	100
Ethylbenzene	670		29	21	ug/Kg	¢	06/03/22 12:40	06/16/22 12:08	100
Methyl tert-butyl ether	<45		110	45	ug/Kg	¢	06/03/22 12:40	06/16/22 12:08	100
Naphthalene	<38		110	38	ug/Kg	¢	06/03/22 12:40	06/16/22 12:08	100
Toluene	<17		29	17	ug/Kg	₽	06/03/22 12:40	06/16/22 12:08	100
1,2,4-Trimethylbenzene	5700		110	41	ug/Kg	₽	06/03/22 12:40	06/16/22 12:08	100
1,3,5-Trimethylbenzene	2500		110	44	ug/Kg	¢	06/03/22 12:40	06/16/22 12:08	100
Xylenes, Total	3300		57	25	ug/Kg	¢	06/03/22 12:40	06/16/22 12:08	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124				06/03/22 12:40	06/16/22 12:08	100
Dibromofluoromethane (Surr)	89		75 - 120				06/03/22 12:40	06/16/22 12:08	100
1,2-Dichloroethane-d4 (Surr)	85		75 - 126				06/03/22 12:40	06/16/22 12:08	100
Toluene-d8 (Surr)	96		75 - 120				06/03/22 12:40	06/16/22 12:08	100

#### Client Sample ID: S-2 Date Collected: 06/03/22 12:45 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1

#### Lab Sample ID: 500-217596-2 Matrix: Solid

Percent Solids: 92.2

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Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.5		15	8.5	ug/Kg	₽	06/03/22 12:45	06/16/22 12:33	50
Ethylbenzene	<11		15	11	ug/Kg	¢	06/03/22 12:45	06/16/22 12:33	50
Methyl tert-butyl ether	<23		58	23	ug/Kg	₽	06/03/22 12:45	06/16/22 12:33	50
Naphthalene	<19		58	19	ug/Kg	¢	06/03/22 12:45	06/16/22 12:33	50
Toluene	<8.5		15	8.5	ug/Kg	¢	06/03/22 12:45	06/16/22 12:33	50
1,2,4-Trimethylbenzene	<21		58	21	ug/Kg	¢	06/03/22 12:45	06/16/22 12:33	50
1,3,5-Trimethylbenzene	<22		58	22	ug/Kg		06/03/22 12:45	06/16/22 12:33	50
Xylenes, Total	<13		29	13	ug/Kg	₽	06/03/22 12:45	06/16/22 12:33	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124				06/03/22 12:45	06/16/22 12:33	50
Dibromofluoromethane (Surr)	89		75 - 120				06/03/22 12:45	06/16/22 12:33	50
1,2-Dichloroethane-d4 (Surr)	84		75 - 126				06/03/22 12:45	06/16/22 12:33	50
Toluene-d8 (Surr)	95		75 - 120				06/03/22 12:45	06/16/22 12:33	50

#### Client Sample ID: S-3 Date Collected: 06/03/22 12:50 Date Received: 06/04/22 09:15

Job ID: 500-217596-2	1
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#### Lab Sample ID: 500-217596-3 Matrix: Solid

Percent Solids: 91.9

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Method: 8260B - Volatile O	•	•	•						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.6		15	8.6	ug/Kg	¢	06/03/22 12:50	06/16/22 12:59	50
Ethylbenzene	<11		15	11	ug/Kg	¢	06/03/22 12:50	06/16/22 12:59	50
Methyl tert-butyl ether	<23		59	23	ug/Kg	¢	06/03/22 12:50	06/16/22 12:59	50
Naphthalene	<20		59	20	ug/Kg	¢	06/03/22 12:50	06/16/22 12:59	50
Toluene	<8.6		15	8.6	ug/Kg	¢	06/03/22 12:50	06/16/22 12:59	50
1,2,4-Trimethylbenzene	<21		59	21	ug/Kg	¢	06/03/22 12:50	06/16/22 12:59	50
1,3,5-Trimethylbenzene	<22		59	22	ug/Kg	¢	06/03/22 12:50	06/16/22 12:59	50
Xylenes, Total	<13		29	13	ug/Kg	¢	06/03/22 12:50	06/16/22 12:59	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124				06/03/22 12:50	06/16/22 12:59	50
Dibromofluoromethane (Surr)	87		75 - 120				06/03/22 12:50	06/16/22 12:59	50
1,2-Dichloroethane-d4 (Surr)	84		75 - 126				06/03/22 12:50	06/16/22 12:59	50
Toluene-d8 (Surr)	98		75 - 120				06/03/22 12:50	06/16/22 12:59	50

#### Client Sample ID: S-4 Date Collected: 06/03/22 12:55 Date Received: 06/04/22 09:15

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JOD	ID:	500-217596-1

#### Lab Sample ID: 500-217596-4 Matrix: Solid

Percent Solids: 91.9

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Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.6		15	8.6	ug/Kg	₽	06/03/22 12:55	06/16/22 13:25	50
Ethylbenzene	<11		15	11	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
Methyl tert-butyl ether	<23		59	23	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
Naphthalene	<20		59	20	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
Toluene	<8.6		15	8.6	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
1,2,4-Trimethylbenzene	<21		59	21	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
1,3,5-Trimethylbenzene	<22		59	22	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
Xylenes, Total	<13		29	13	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124				06/03/22 12:55	06/16/22 13:25	50
Dibromofluoromethane (Surr)	86		75 - 120				06/03/22 12:55	06/16/22 13:25	50
1,2-Dichloroethane-d4 (Surr)	85		75 - 126				06/03/22 12:55	06/16/22 13:25	50
Toluene-d8 (Surr)	96		75 - 120				06/03/22 12:55	06/16/22 13:25	50

#### Client Sample ID: S-5 Date Collected: 06/03/22 13:00 Date Received: 06/04/22 09:15

Toluene-d8 (Surr)

Method: 8260B - Volatile Or	ganic Compo	unds (GC/	MS)						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.6		15	8.6	ug/Kg	₽	06/03/22 13:00	06/16/22 13:51	50
Ethylbenzene	<11		15	11	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
Methyl tert-butyl ether	<23		59	23	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
Naphthalene	<20		59	20	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
Toluene	<8.7		15	8.7	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
1,2,4-Trimethylbenzene	<21		59	21	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
1,3,5-Trimethylbenzene	<22		59	22	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
Xylenes, Total	<13		30	13	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		72 - 124				06/03/22 13:00	06/16/22 13:51	50
Dibromofluoromethane (Surr)	87		75 - 120				06/03/22 13:00	06/16/22 13:51	50
1,2-Dichloroethane-d4 (Surr)	85		75 - 126				06/03/22 13:00	06/16/22 13:51	50

75 - 120

96

Job ID: 500-217596-1

#### Lab Sample ID: 500-217596-5 Matrix: Solid

06/03/22 13:00 06/16/22 13:51

Percent Solids: 91.4

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6 7 8

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#### Client Sample ID: S-6 Date Collected: 06/03/22 13:03 Date Received: 06/04/22 09:15

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#### Lab Sample ID: 500-217596-6 Matrix: Solid

Percent Solids: 92.2

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Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.4		14	8.4	ug/Kg	¢	06/03/22 13:03	06/16/22 14:17	50
Ethylbenzene	<11		14	11	ug/Kg	¢	06/03/22 13:03	06/16/22 14:17	50
Methyl tert-butyl ether	<23		58	23	ug/Kg	¢	06/03/22 13:03	06/16/22 14:17	50
Naphthalene	<19		58	19	ug/Kg	₽	06/03/22 13:03	06/16/22 14:17	50
Toluene	<8.5		14	8.5	ug/Kg	¢	06/03/22 13:03	06/16/22 14:17	50
1,2,4-Trimethylbenzene	<21		58	21	ug/Kg	¢	06/03/22 13:03	06/16/22 14:17	50
1,3,5-Trimethylbenzene	<22		58	22	ug/Kg	₽	06/03/22 13:03	06/16/22 14:17	50
Xylenes, Total	<13		29	13	ug/Kg	¢	06/03/22 13:03	06/16/22 14:17	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 124				06/03/22 13:03	06/16/22 14:17	50
Dibromofluoromethane (Surr)	85		75 - 120				06/03/22 13:03	06/16/22 14:17	50
1,2-Dichloroethane-d4 (Surr)	83		75 - 126				06/03/22 13:03	06/16/22 14:17	50
Toluene-d8 (Surr)	97		75 - 120				06/03/22 13:03	06/16/22 14:17	50

#### Client Sample ID: S-7 Date Collected: 06/03/22 13:06 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1

#### Lab Sample ID: 500-217596-7 Matrix: Solid

Percent Solids: 91.4

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7

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.6		15	8.6	ug/Kg	¢	06/03/22 13:06	06/16/22 14:42	50
Ethylbenzene	<11		15	11	ug/Kg	₽	06/03/22 13:06	06/16/22 14:42	50
Methyl tert-butyl ether	<23		59	23	ug/Kg	₽	06/03/22 13:06	06/16/22 14:42	50
Naphthalene	<20		59	20	ug/Kg	₽	06/03/22 13:06	06/16/22 14:42	50
Toluene	<8.6		15	8.6	ug/Kg	₽	06/03/22 13:06	06/16/22 14:42	50
1,2,4-Trimethylbenzene	<21		59	21	ug/Kg	¢	06/03/22 13:06	06/16/22 14:42	50
1,3,5-Trimethylbenzene	<22		59	22	ug/Kg	₽	06/03/22 13:06	06/16/22 14:42	50
Xylenes, Total	<13		29	13	ug/Kg	¢	06/03/22 13:06	06/16/22 14:42	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		72 - 124				06/03/22 13:06	06/16/22 14:42	50
Dibromofluoromethane (Surr)	87		75 - 120				06/03/22 13:06	06/16/22 14:42	50
1,2-Dichloroethane-d4 (Surr)	84		75 - 126				06/03/22 13:06	06/16/22 14:42	50
Toluene-d8 (Surr)	97		75 - 120				06/03/22 13:06	06/16/22 14:42	50

#### Client Sample ID: S-8 Date Collected: 06/03/22 13:10 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1

#### Lab Sample ID: 500-217596-8 Matrix: Solid

Percent Solids: 92.8

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Method: 8260B - Volatile Or Analyte	•	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene		quamer	14		ug/Kg	— <u>–</u>	06/03/22 13:10		50
					0 0				
Ethylbenzene	<11		14		ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
Methyl tert-butyl ether	<23		58	23	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
Naphthalene	<19		58	19	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
Toluene	<8.5		14	8.5	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
1,2,4-Trimethylbenzene	<21		58	21	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
1,3,5-Trimethylbenzene	<22		58	22	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
Xylenes, Total	<13		29	13	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124				06/03/22 13:10	06/16/22 15:08	50
Dibromofluoromethane (Surr)	89		75 - 120				06/03/22 13:10	06/16/22 15:08	50
1,2-Dichloroethane-d4 (Surr)	86		75 - 126				06/03/22 13:10	06/16/22 15:08	50
Toluene-d8 (Surr)	98		75 - 120				06/03/22 13:10	06/16/22 15:08	50

#### Client Sample ID: S-9 Date Collected: 06/03/22 13:15 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1
000		000 2110000 1

#### Lab Sample ID: 500-217596-9

Matrix: Solid Percent Solids: 90.1

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Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.9		15	8.9	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
Ethylbenzene	<11		15	11	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
Methyl tert-butyl ether	<24		61	24	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
Naphthalene	<20		61	20	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
Toluene	<8.9		15	8.9	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
1,2,4-Trimethylbenzene	<22		61	22	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
1,3,5-Trimethylbenzene	<23		61	23	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
Xylenes, Total	<13		30	13	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		72 - 124				06/03/22 13:15	06/16/22 15:33	50
Dibromofluoromethane (Surr)	86		75 - 120				06/03/22 13:15	06/16/22 15:33	50
1,2-Dichloroethane-d4 (Surr)	83		75 - 126				06/03/22 13:15	06/16/22 15:33	50
Toluene-d8 (Surr)	96		75 - 120				06/03/22 13:15	06/16/22 15:33	50

#### Client Sample ID: S-10 Date Collected: 06/03/22 13:20 Date Received: 06/04/22 09:15

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#### Lab Sample ID: 500-217596-10 Matrix: Solid

Percent Solids: 91.7

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Method: 8260B - Volatile O	rganic Compo	unds (GC/	MS)						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.7		15	8.7	ug/Kg	<u></u>	06/03/22 13:20	06/16/22 15:58	50
Ethylbenzene	<11		15	11	ug/Kg	₽	06/03/22 13:20	06/16/22 15:58	50
Methyl tert-butyl ether	<24		60	24	ug/Kg	₽	06/03/22 13:20	06/16/22 15:58	50
Naphthalene	<20		60	20	ug/Kg	₽	06/03/22 13:20	06/16/22 15:58	50
Toluene	<8.8		15	8.8	ug/Kg	₽	06/03/22 13:20	06/16/22 15:58	50
1,2,4-Trimethylbenzene	<21		60	21	ug/Kg	₽	06/03/22 13:20	06/16/22 15:58	50
1,3,5-Trimethylbenzene	<23		60	23	ug/Kg	₽	06/03/22 13:20	06/16/22 15:58	50
Xylenes, Total	<13		30	13	ug/Kg	¢	06/03/22 13:20	06/16/22 15:58	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 124				06/03/22 13:20	06/16/22 15:58	50
Dibromofluoromethane (Surr)	84		75 - 120				06/03/22 13:20	06/16/22 15:58	50
1,2-Dichloroethane-d4 (Surr)	84		75 - 126				06/03/22 13:20	06/16/22 15:58	50
Toluene-d8 (Surr)	99		75 - 120				06/03/22 13:20	06/16/22 15:58	50

#### Client Sample ID: S-11 Date Collected: 06/03/22 13:25 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1
000		000 2110000 1

#### Lab Sample ID: 500-217596-11 Matrix: Solid

Percent Solids: 90.8

Method: 8260B - Volatile O	ganic Compo	unds (GC/	MS)						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.8		15	8.8	ug/Kg	⊉	06/03/22 13:25	06/16/22 16:23	50
Ethylbenzene	<11		15	11	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
Methyl tert-butyl ether	<24		60	24	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
Naphthalene	<20		60	20	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
Toluene	<8.9		15	8.9	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
1,2,4-Trimethylbenzene	<22		60	22	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
1,3,5-Trimethylbenzene	<23		60	23	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
Xylenes, Total	<13		30	13	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		72 - 124				06/03/22 13:25	06/16/22 16:23	50
Dibromofluoromethane (Surr)	89		75 - 120				06/03/22 13:25	06/16/22 16:23	50
1,2-Dichloroethane-d4 (Surr)	87		75 - 126				06/03/22 13:25	06/16/22 16:23	50
Toluene-d8 (Surr)	96		75 - 120				06/03/22 13:25	06/16/22 16:23	50

#### **Client Sample Results**

#### Client Sample ID: S-12 Date Collected: 06/03/22 13:30 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1

#### Lab Sample ID: 500-217596-12 Matrix: Solid

Percent Solids: 91.7

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Method: 8260B - Volatile O	rganic Compo	unds (GC/	MS)						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.6		15	8.6	ug/Kg	₽	06/03/22 13:30	06/16/22 16:50	50
Ethylbenzene	1100		15	11	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
Methyl tert-butyl ether	<23		59	23	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
Naphthalene	<20		59	20	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
Toluene	12	JB	15	8.7	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
1,2,4-Trimethylbenzene	9400		59	21	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
1,3,5-Trimethylbenzene	3100		59	23	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
Xylenes, Total	3100		30	13	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		72 - 124				06/03/22 13:30	06/16/22 16:50	50
Dibromofluoromethane (Surr)	88		75 - 120				06/03/22 13:30	06/16/22 16:50	50
1,2-Dichloroethane-d4 (Surr)	86		75 - 126				06/03/22 13:30	06/16/22 16:50	50
Toluene-d8 (Surr)	99		75 - 120				06/03/22 13:30	06/16/22 16:50	50

#### **Client Sample Results**

Toluene-d8 (Surr)

#### **Client Sample ID: Trip Blank** Date Collected: 06/03/22 10:00 Date Received: 06/04/22 0

Date Collected: 06/03/22 10:00							
Date Received: 06/04/22 09:	15						
Method: 8260B - Volatile O	rganic Compounds (GC/M	S)					
Analyte	Result Qualifier	LOQ	DL Unit	D Prepared	Analyzed	Dil Fac	
Benzene	<7.3	13	7.3 ug/Kg	06/03/22 10:0	06/16/22 17:17	50	
Ethylbonzone	<0.0	10		06/02/22 10:0	06/16/00 17:17	50	

1,2-Dichloroethane-d4 (Surr)	85	75 - 126		06/03/22 10:00	06/16/22 17:17	50
Dibromofluoromethane (Surr)	86	75 - 120		06/03/22 10:00	06/16/22 17:17	50
4-Bromofluorobenzene (Surr)	97	72 - 124		06/03/22 10:00	06/16/22 17:17	50
Surrogate	%Recovery Qualifier	Limits		Prepared	Analyzed	Dil Fac
Xylenes, Total	<11	25	11 ug/Kg	06/03/22 10:00	06/16/22 17:17	50
1,3,5-Trimethylbenzene	<19	50	19 ug/Kg	06/03/22 10:00	06/16/22 17:17	50
1,2,4-Trimethylbenzene	32 J	50	18 ug/Kg	06/03/22 10:00	06/16/22 17:17	50
Toluene	<7.4	13	7.4 ug/Kg	06/03/22 10:00	06/16/22 17:17	50
Naphthalene	<17	50	17 ug/Kg	06/03/22 10:00	06/16/22 17:17	50
Methyl tert-butyl ether	<20	50	20 ug/Kg	06/03/22 10:00	06/16/22 17:17	50
Ethylbenzene	<9.2	13	9.2 ug/Kg	06/03/22 10:00	06/16/22 17:17	50
			00			

75 - 120

96

7

50

Lab Sample ID: 500-217596-13

06/03/22 10:00 06/16/22 17:17

## **Definitions/Glossary**

8

## Qualifiers

GC/MS VO	Α	
Qualifier	Qualifier Description	
В	Compound was found in the blank and sample.	
J	Reported value was between the limit of detection and the limit of quantitation.	5

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

## GC/MS VOA

#### Prep Batch: 661137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217596-1	S-1	Total/NA	Solid	5035	
500-217596-2	S-2	Total/NA	Solid	5035	
500-217596-3	S-3	Total/NA	Solid	5035	
500-217596-4	S-4	Total/NA	Solid	5035	
500-217596-5	S-5	Total/NA	Solid	5035	
500-217596-6	S-6	Total/NA	Solid	5035	
500-217596-7	S-7	Total/NA	Solid	5035	
500-217596-8	S-8	Total/NA	Solid	5035	
500-217596-9	S-9	Total/NA	Solid	5035	
500-217596-10	S-10	Total/NA	Solid	5035	
500-217596-11	S-11	Total/NA	Solid	5035	
500-217596-12	S-12	Total/NA	Solid	5035	
500-217596-13	Trip Blank	Total/NA	Solid	5035	
LB3 500-661137/21-A	Method Blank	Total/NA	Solid	5035	
LCS 500-661137/22-A	Lab Control Sample	Total/NA	Solid	5035	
500-217596-2 MS	S-2	Total/NA	Solid	5035	
500-217596-2 MSD	S-2	Total/NA	Solid	5035	

#### Analysis Batch: 661273

Lab Sample ID LB3 500-661137/21-A	Client Sample ID Method Blank	Prep Type Total/NA	Matrix Solid	Method 8260B	Prep Batch 661137	
MB 500-661273/6	Method Blank	Total/NA	Solid	8260B		
LCS 500-661137/22-A	Lab Control Sample	Total/NA	Solid	8260B	661137	
LCS 500-661273/4	Lab Control Sample	Total/NA	Solid	8260B		

#### Analysis Batch: 661438

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
500-217596-1	S-1	Total/NA	Solid	8260B	661137
500-217596-2	S-2	Total/NA	Solid	8260B	661137
500-217596-3	S-3	Total/NA	Solid	8260B	661137
500-217596-4	S-4	Total/NA	Solid	8260B	661137
500-217596-5	S-5	Total/NA	Solid	8260B	661137
500-217596-6	S-6	Total/NA	Solid	8260B	661137
500-217596-7	S-7	Total/NA	Solid	8260B	661137
500-217596-8	S-8	Total/NA	Solid	8260B	661137
500-217596-9	S-9	Total/NA	Solid	8260B	661137
500-217596-10	S-10	Total/NA	Solid	8260B	661137
500-217596-11	S-11	Total/NA	Solid	8260B	661137
500-217596-12	S-12	Total/NA	Solid	8260B	661137
500-217596-13	Trip Blank	Total/NA	Solid	8260B	661137
MB 500-661438/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-661438/4	Lab Control Sample	Total/NA	Solid	8260B	
500-217596-2 MS	S-2	Total/NA	Solid	8260B	661137
500-217596-2 MSD	S-2	Total/NA	Solid	8260B	661137

### **General Chemistry**

#### Analysis Batch: 659958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217596-1	S-1	Total/NA	Solid	Moisture	
500-217596-2	S-2	Total/NA	Solid	Moisture	

## **QC Association Summary**

### **General Chemistry (Continued)**

### Analysis Batch: 659958 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217596-3	S-3	Total/NA	Solid	Moisture	
500-217596-4	S-4	Total/NA	Solid	Moisture	
500-217596-5	S-5	Total/NA	Solid	Moisture	
500-217596-6	S-6	Total/NA	Solid	Moisture	
500-217596-7	S-7	Total/NA	Solid	Moisture	
500-217596-8	S-8	Total/NA	Solid	Moisture	
500-217596-9	S-9	Total/NA	Solid	Moisture	
500-217596-10	S-10	Total/NA	Solid	Moisture	
500-217596-11	S-11	Total/NA	Solid	Moisture	
500-217596-12	S-12	Total/NA	Solid	Moisture	

## **Surrogate Summary**

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

### Prep Type: Total/NA

TOL
) (75-120)
96
95
99
99
98
96
96
97
97
98
96
99
96
99
96
97
98
111
98
98
98

#### Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

### Method: 8260B - Volatile Organic Compounds (GC/MS)

#### Lab Sample ID: LB3 500-661137/21-A Matrix: Solid Analysis Batch: 661273

-	LB3	LB3							
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<7.3		13	7.3	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
Naphthalene	<17		50	17	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
Toluene	9.92	J	13	7.4	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
Xylenes, Total	<11		25	11	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
	LB3	LB3							

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		72 - 124	06/14/22 11:30	06/15/22 15:59	50
Dibromofluoromethane (Surr)	102		75 - 120	06/14/22 11:30	06/15/22 15:59	50
1,2-Dichloroethane-d4 (Surr)	107		75 - 126	06/14/22 11:30	06/15/22 15:59	50
Toluene-d8 (Surr)	97		75 - 120	06/14/22 11:30	06/15/22 15:59	50

#### Lab Sample ID: LCS 500-661137/22-A Matrix: Solid Analysis Batch: 661273

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	2500	2570		ug/Kg		103	70 - 120
Ethylbenzene	2500	2540		ug/Kg		101	70 - 123
Methyl tert-butyl ether	2500	2870		ug/Kg		115	55 - 123
Naphthalene	2500	3400		ug/Kg		136	53 - 144
Toluene	2500	2440		ug/Kg		98	70 - 125
1,2,4-Trimethylbenzene	2500	2590		ug/Kg		103	70 - 123
1,3,5-Trimethylbenzene	2500	2650		ug/Kg		106	70 - 123
Xylenes, Total	5000	5000		ug/Kg		100	70 - 125

	LCS LCS				
Surrogate	%Recovery	Qualifier	Limits		
4-Bromofluorobenzene (Surr)	103		72 - 124		
Dibromofluoromethane (Surr)	108		75 - 120		
1,2-Dichloroethane-d4 (Surr)	110		75 - 126		
Toluene-d8 (Surr)	98		75 - 120		

#### Lab Sample ID: 500-217596-2 MS Matrix: Solid Analysis Batch: 661438

Analysis Batch: 661438	Sample	Sample	Spike	MS	MS				Prep Batch: 661137 %Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<8.5		2900	2680		ug/Kg	¢	92	70 - 120
Ethylbenzene	<11		2900	2940		ug/Kg	₽	101	70 - 123
Methyl tert-butyl ether	<23		2900	2310		ug/Kg	¢	80	55 - 123
Naphthalene	<19		2900	2370		ug/Kg	₽	82	53 - 144
Toluene	<8.5		2900	2790		ug/Kg	¢	96	70 - 125
1,2,4-Trimethylbenzene	<21		2900	2930		ug/Kg	¢	101	70 - 123
1,3,5-Trimethylbenzene	<22		2900	3060		ug/Kg	₽	105	70 - 123
Xylenes, Total	<13		5800	5690		ug/Kg	¢	98	70 - 125

**Eurofins Chicago** 

**Client Sample ID: S-2** 

**Prep Type: Total/NA** 

5 6 7

11

2

#### **Client Sample ID: Method Blank** Prep Type: Total/NA Prep Batch: 661137

Prep Batch: 661137

Prep Type: Total/NA

**Client Sample ID: Lab Control Sample** 

## **QC Sample Results**

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		72 - 124
Dibromofluoromethane (Surr)	90		75 - 120
1,2-Dichloroethane-d4 (Surr)	83		75 - 126
Toluene-d8 (Surr)	99		75 - 120

#### Lab Sample ID: 500-217596-2 MSD Matrix: Solid Analysis Batch: 661438

Analysis Batch: 661438									Prep Ba	atch: 60	61137
-	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<8.5		2900	2450		ug/Kg	¢	85	70 - 120	9	30
Ethylbenzene	<11		2900	2720		ug/Kg	¢	94	70 - 123	8	30
Methyl tert-butyl ether	<23		2900	2120		ug/Kg	¢	73	55 - 123	9	30
Naphthalene	<19		2900	2630		ug/Kg	₽	91	53 - 144	10	30
Toluene	<8.5		2900	2640		ug/Kg	¢	91	70 - 125	6	30
1,2,4-Trimethylbenzene	<21		2900	2720		ug/Kg	¢	94	70 - 123	7	30
1,3,5-Trimethylbenzene	<22		2900	2830		ug/Kg	¢	98	70 - 123	8	30
Xylenes, Total	<13		5800	5250		ug/Kg	☆	90	70 - 125	8	30
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								

	III OD	MICD.	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		72 - 124
Dibromofluoromethane (Surr)	88		75 - 120
1,2-Dichloroethane-d4 (Surr)	82		75 - 126
Toluene-d8 (Surr)	99		75 - 120

< 0.38

< 0.22

### Lab Sample ID: MB 500-661273/6 Matrix: Solid

1,3,5-Trimethylbenzene

Xylenes, Total

#### Analysis Batch: 661273 MB MB Analyte **Result Qualifier** LOQ DL Unit D Prepared Analyzed Dil Fac Benzene <0.15 0.25 0.15 ug/Kg 06/15/22 12:46 0.18 ug/Kg Ethylbenzene <0.18 0.25 06/15/22 12:46 Methyl tert-butyl ether < 0.39 1.0 0.39 ug/Kg 06/15/22 12:46 Naphthalene < 0.33 1.0 0.33 ug/Kg 06/15/22 12:46 Toluene <0.15 0.25 0.15 ug/Kg 06/15/22 12:46 1,2,4-Trimethylbenzene 06/15/22 12:46 < 0.36 1.0 0.36 ug/Kg

	MB N	ИВ				
Surrogate	%Recovery G	Qualifier Li	mits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112	72	2 - 124		06/15/22 12:46	1
Dibromofluoromethane (Surr)	106	75	5 - 120		06/15/22 12:46	1
1,2-Dichloroethane-d4 (Surr)	107	75	5 - 126		06/15/22 12:46	1
Toluene-d8 (Surr)	98	75	5 - 120		06/15/22 12:46	1

1.0

0.50

0.38 ug/Kg

0.22 ug/Kg

#### Lab Sample ID: LCS 500-661273/4 **Client Sample ID: Lab Control Sample** Matrix: Solid Prep Type: Total/NA Analysis Batch: 661273 Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits Benzene 50.0 46.9 94 70 - 120 ug/Kg

**Eurofins Chicago** 

Job ID: 500-217596-1

**Client Sample ID: S-2** 

Prep Type: Total/NA

#### **Client Sample ID: Method Blank** Prep Type: Total/NA

06/15/22 12:46

06/15/22 12:46

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1

1

1

1

1

1

1

1

#### Job ID: 500-217596-1

Prep Type: Total/NA

5

11

12 13

**Client Sample ID: Lab Control Sample** 

**Client Sample ID: Method Blank** 

Prep Type: Total/NA

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

#### Lab Sample ID: LCS 500-661273/4 Matrix: Solid

### Analysis Batch: 661273

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Ethylbenzene	50.0	49.6		ug/Kg		99	70 - 123
Methyl tert-butyl ether	50.0	45.4		ug/Kg		91	55 - 123
Naphthalene	50.0	61.1		ug/Kg		122	53 - 144
Toluene	50.0	49.4		ug/Kg		99	70 - 125
1,2,4-Trimethylbenzene	50.0	52.0		ug/Kg		104	70 - 123
1,3,5-Trimethylbenzene	50.0	54.1		ug/Kg		108	70 - 123
Xylenes, Total	100	97.3		ug/Kg		97	70 - 125

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		72 - 124
Dibromofluoromethane (Surr)	105		75 - 120
1,2-Dichloroethane-d4 (Surr)	110		75 - 126
Toluene-d8 (Surr)	111		75 - 120

#### Lab Sample ID: MB 500-661438/6 Matrix: Solid Analysis Batch: 661438

MB MB							
sult Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
0.15	0.25	0.15	ug/Kg			06/16/22 11:41	1
0.18	0.25	0.18	ug/Kg			06/16/22 11:41	1
).39	1.0	0.39	ug/Kg			06/16/22 11:41	1
).33	1.0	0.33	ug/Kg			06/16/22 11:41	1
0.15	0.25	0.15	ug/Kg			06/16/22 11:41	1
0.36	1.0	0.36	ug/Kg			06/16/22 11:41	1
).38	1.0	0.38	ug/Kg			06/16/22 11:41	1
).22	0.50	0.22	ug/Kg			06/16/22 11:41	1
	MB         MB           sult         Qualifier           0.15	Sult         Qualifier         LOQ           0.15         0.25         0.25           0.18         0.25         0.39           0.33         1.0           0.15         0.25           0.36         1.0           0.38         1.0	SultQualifierLOQDL0.150.250.150.180.250.180.391.00.390.331.00.330.150.250.150.361.00.360.381.00.38	Qualifier         LOQ         DL         Unit           0.15         0.25         0.15         ug/Kg           0.18         0.25         0.18         ug/Kg           0.39         1.0         0.39         ug/Kg           0.33         1.0         0.33         ug/Kg           0.15         0.25         0.15         ug/Kg           0.36         1.0         0.36         ug/Kg           0.38         1.0         0.38         ug/Kg	Sult         Qualifier         LOQ         DL         Unit         D           0.15         0.25         0.15         ug/Kg         D           0.18         0.25         0.18         ug/Kg         D           0.39         1.0         0.39         ug/Kg         D           0.33         1.0         0.33         ug/Kg         D           0.15         0.25         0.15         ug/Kg         D           0.36         1.0         0.36         ug/Kg         D           0.38         1.0         0.38         ug/Kg         D	Sult         Qualifier         LOQ         DL         Unit         D         Prepared           0.15         0.25         0.15         ug/Kg         0	Qualifier         LOQ         DL         Unit         D         Prepared         Analyzed           0.15         0.25         0.15         ug/Kg         06/16/22 11:41         06/16/22 11:41           0.18         0.25         0.18         ug/Kg         06/16/22 11:41         06/16/22 11:41           0.39         1.0         0.39         ug/Kg         06/16/22 11:41         06/16/22 11:41           0.33         1.0         0.33         ug/Kg         06/16/22 11:41         06/16/22 11:41           0.15         0.25         0.15         ug/Kg         06/16/22 11:41         06/16/22 11:41           0.36         1.0         0.36         ug/Kg         06/16/22 11:41           0.38         1.0         0.38         ug/Kg         06/16/22 11:41

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 124		06/16/22 11:41	1
Dibromofluoromethane (Surr)	86		75 - 120		06/16/22 11:41	1
1,2-Dichloroethane-d4 (Surr)	84		75 - 126		06/16/22 11:41	1
Toluene-d8 (Surr)	98		75 - 120		06/16/22 11:41	1

#### Lab Sample ID: LCS 500-661438/4 Matrix: Solid Analysis Batch: 661438

#### **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	50.0	54.3		ug/Kg		109	70 - 120	
Ethylbenzene	50.0	60.0		ug/Kg		120	70 - 123	
Methyl tert-butyl ether	50.0	46.0		ug/Kg		92	55 - 123	
Naphthalene	50.0	48.3		ug/Kg		97	53 - 144	
Toluene	50.0	56.1		ug/Kg		112	70 - 125	
1,2,4-Trimethylbenzene	50.0	59.1		ug/Kg		118	70 - 123	
1,3,5-Trimethylbenzene	50.0	61.4		ug/Kg		123	70 - 123	
Xylenes, Total	100	117		ug/Kg		117	70 - 125	

Toluene-d8 (Surr)

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

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Lab Sample ID: LCS 500- Matrix: Solid Analysis Batch: 661438	661438/4	Client Sample ID: Lab Contro Prep Type:		
Analysis Batch. 001430	LCS	LCS		
Surrogate	%Recovery	Qualifier	Limits	
4-Bromofluorobenzene (Surr)	90		72 - 124	
Dibromofluoromethane (Surr)	91		75 - 120	
1,2-Dichloroethane-d4 (Surr)	81		75 - 126	

75 - 120

12

#### Lab Sample ID: 500-217596-1 Client Sample ID: S-1 Date Collected: 06/03/22 12:40 Matrix: Solid Date Received: 06/04/22 09:15 Batch Dilution Ratch Batch Prepared Method Factor or Analyzed Prep Type Type Run Number Analyst Lab Total/NA 06/06/22 12:08 LWN TAL CHI Analysis Moisture 659958 **Client Sample ID: S-1** Lab Sample ID: 500-217596-1 Date Collected: 06/03/22 12:40 Matrix: Solid Date Received: 06/04/22 09:15 Percent Solids: 92.7 Batch Batch Dilution Batch Prepared Prep Type Type Method Run Factor Number or Analyzed Analyst Lab Total/NA Prep 5035 661137 06/03/22 12:40 WRF TAL CHI Total/NA Analysis 8260B 100 661438 06/16/22 12:08 W1T TAL CHI **Client Sample ID: S-2** Lab Sample ID: 500-217596-2 Date Collected: 06/03/22 12:45 Matrix: Solid Date Received: 06/04/22 09:15 Dilution Batch Batch Batch Prepared Method Run Factor or Analyzed Prep Type Type Number Analyst Lab Total/NA 659958 06/06/22 12:08 LWN TAL CHI Analysis Moisture 1 **Client Sample ID: S-2** Lab Sample ID: 500-217596-2 Date Collected: 06/03/22 12:45 Matrix: Solid Date Received: 06/04/22 09:15 Percent Solids: 92.2 Batch Batch Dilution Batch Prepared Factor Method Number or Analyzed Prep Type Туре Run Analyst Lab Total/NA 5035 06/03/22 12:45 WRE TAL CHI Prep 661137 Total/NA Analvsis 8260B 50 661438 06/16/22 12:33 W1T TAL CHI **Client Sample ID: S-3** Lab Sample ID: 500-217596-3 Date Collected: 06/03/22 12:50 Matrix: Solid Date Received: 06/04/22 09:15 Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor Number or Analyzed Analyst Lab 06/06/22 12:08 Total/NA 659958 LWN TAL CHI Analysis Moisture 1 **Client Sample ID: S-3** Lab Sample ID: 500-217596-3 Date Collected: 06/03/22 12:50 Matrix: Solid Date Received: 06/04/22 09:15 Percent Solids: 91.9 Batch Batch Dilution Batch Prepared Prep Type Type Method Run Factor Number or Analyzed Analyst Lab Total/NA Prep 5035 661137 06/03/22 12:50 WRE TAL CHI Total/NA 8260B 661438 06/16/22 12:59 TAL CHI Analysis 50 W1T **Client Sample ID: S-4** Lab Sample ID: 500-217596-4 Date Collected: 06/03/22 12:55 Matrix: Solid Date Received: 06/04/22 09:15 Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor Number or Analyzed Analyst Lab Total/NA TAL CHI Analysis Moisture 659958 06/06/22 12:08 LWN

Job ID: 500-217596-1

Client Sam Date Collecte							Lab Sa	imple ID:	500-217596-4 Matrix: Solid
ate Conecte								Per	cent Solids: 91.
-									
	Batch	Batch	_	Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Prep	5035			661137	06/03/22 12:55		TAL CHI	
Total/NA	Analysis	8260B		50	661438	06/16/22 13:25	W1T	TAL CHI	
Client Sam	ple ID: S-5						Lab Sa	mple ID:	500-217596-
Date Collecte	d: 06/03/22 1	3:00							Matrix: Soli
Date Received	d: 06/04/22 0	9:15							
-	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	Moisture		1	659958	06/06/22 12:08	LWN	TAL CHI	
Client Sam	ole ID: S-5						Lab Sa	mple ID:	500-217596-
Date Collecte		3:00							Matrix: Soli
Date Received								Per	cent Solids: 91.
-									
	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Prep	5035			661137	06/03/22 13:00		TAL CHI	
Total/NA	Analysis	8260B		50	661438	06/16/22 13:51	W1I	TAL CHI	
Client Sam							Lab Sa	mple ID:	500-217596-
Date Collecte									Matrix: Soli
Date Received	d: 06/04/22 0	9:15							
_	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	Moisture		1	659958	06/06/22 12:08	LWN	TAL CHI	
Client Sam	ple ID: S-6						Lab Sa	mple ID:	500-217596-
Date Collecte		3:03							Matrix: Soli
Date Received								Per	cent Solids: 92.
_	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Prep	5035				06/03/22 13:03		TAL CHI	
Total/NA	Analysis	8260B		50		06/16/22 14:17		TAL CHI	
_ Client Samj							Lah Sa		500-217596-
		2.06						unpie ID.	
Date Collecte									Matrix: Soli
-						_			
	Batch	Batch Method	Pun	Dilution	Batch	Prepared			
Pron Type				Factor	Numbor	or Analyzod			

	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	Moisture		1	659958	06/06/22 12:08	LWN	TAL CHI	_

Job ID: 500-217596-1

Client Sam							Lab Sa	mple ID:	500-217596-
Date Collecte									Matrix: Soli
Date Received	d: 06/04/22 0	9:15						Per	cent Solids: 91.
-	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Prep	5035				06/03/22 13:06		TAL CHI	
Total/NA	Analysis	8260B		50		06/16/22 14:42		TAL CHI	
Client Sam	ole ID: S-8						Lab Sa	mple ID:	500-217596-
Date Collecte		3:10						•	Matrix: Soli
Date Received									
-	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	Moisture		1	659958			TAL CHI	
Client Sam	ple ID: S-8						Lab Sa	mple ID:	500-217596-
Date Collecte		3:10							Matrix: Sol
Date Received								Per	cent Solids: 92
-	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Prep	5035			661137	06/03/22 13:10		TAL CHI	
Total/NA	Analysis	8260B		50	661438	06/16/22 15:08	W1T	TAL CHI	
Client Sam	ple ID: S-9						Lab Sa	mple ID:	500-217596-
Date Collecte	d: 06/03/22 1	3:15						-	Matrix: Sol
Date Received	d: 06/04/22 0	9:15							
-	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	Moisture		1	659958	06/06/22 12:08	LWN	TAL CHI	
Client Sam	ple ID: S-9						Lab Sa	mple ID:	500-217596-
Date Collecte	d: 06/03/22 1	3:15						-	Matrix: Soli
Date Received	d: 06/04/22 0	9:15						Per	cent Solids: 90
-	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number		Analyst	Lab	
Total/NA	Prep	5035			661137	06/03/22 13:15	WRE	TAL CHI	
Total/NA	Analysis	8260B		50	661438	06/16/22 15:33	W1T	TAL CHI	
Client Sam	ple ID: S-1	0				L	_ab Sar	nple ID: 5	500-217596-1
Date Collecte								-	Matrix: Sol
Date Received	d: 06/04/22 0	9:15							-
-	Batch	Batch		Dilution	Batch	Prepared			
Pren Tyne	Type	Method	Run	Eactor		or Analyzed	Analyst	l ah	

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	659958	06/06/22 12:08	LWN	TAL CHI

Dilution

Factor

Dilution

Factor

Dilution

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50

1

50

Run

Run

Run

Batch

Number

661137

Batch

Number

659958

Batch

Number

661137

661438

Prepared

or Analyzed

06/03/22 13:20

Prepared

or Analyzed

06/06/22 12:08

Prepared

or Analyzed

06/03/22 13:25

06/16/22 16:23 W1T

661438 06/16/22 15:58

#### **Client Sample ID: S-10** Date Collected: 06/03/22 13:20 Date Received: 06/04/22 09:15

**Client Sample ID: S-11** 

Client Sample ID: S-11

Date Collected: 06/03/22 13:25 Date Received: 06/04/22 09:15

Date Collected: 06/03/22 13:25 Date Received: 06/04/22 09:15

Prep Type

Total/NA

Total/NA

Prep Type

**Prep Type** 

Total/NA

Total/NA

Total/NA

Batch

Туре

Prep

Analysis

Batch

Туре

Analysis

Batch

Туре

Prep

Analysis

Batch

5035

8260B

Batch

Method

Moisture

Batch

5035

8260B

Method

Method

		Job ID: 500-217596-1	
L	ab San	nple ID: 500-217596-10	
		Matrix: Solid	
		Percent Solids: 91.7	
	Analyst	l ah	Ŀ
_	WRE	TAL CHI	
	WIT	TAL CHI	
00	VVII	TAL CHI	
L	_ab Sar	nple ID: 500-217596-11 Matrix: Solid	
			ç
	Analyst		9
		TAL CHI	9
8	LWN		9 1
8	LWN	TAL CHI	9 1
8	LWN	тац сні nple ID: 500-217596-11	9 1 1
8	LWN	TAL CHI nple ID: 500-217596-11 Matrix: Solid	9 1 1 1
)8 [	LWN _ab Sar	TAL CHI nple ID: 500-217596-11 Matrix: Solid Percent Solids: 90.8	9 1 1 1
)8 [	LWN Lab Sar	TAL CHI nple ID: 500-217596-11 Matrix: Solid Percent Solids: 90.8	9 1 1 1
)8 [ 1 25	LWN _ab Sar	TAL CHI nple ID: 500-217596-11 Matrix: Solid Percent Solids: 90.8	9 1 1 1
)8 1 25 23	LWN _ab Sar Analyst WRE W1T	TAL CHI nple ID: 500-217596-11 Matrix: Solid Percent Solids: 90.8 Lab TAL CHI TAL CHI TAL CHI	9 1 1 1 1
)8 1 25 23	LWN _ab Sar Analyst WRE W1T	TAL CHI mple ID: 500-217596-11 Matrix: Solid Percent Solids: 90.8 Lab TAL CHI TAL CHI TAL CHI TAL CHI TAL CHI	9 1 1 1 1 1
)8 1 25 23	LWN _ab Sar Analyst WRE W1T	TAL CHI nple ID: 500-217596-11 Matrix: Solid Percent Solids: 90.8 Lab TAL CHI TAL CHI TAL CHI	9 1 1 1 1 1

<b>Client Sam</b>	ple ID: S-1	2				L	_ab Sar	nple ID: 5	00-217596-12
Date Collecte									Matrix: Solid
Date Receive	d: 06/04/22 0	9:15							
	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	Moisture		1	659958	06/06/22 12:08	LWN	TAL CHI	
<b>Client Sam</b>	ple ID: S-1	2				L	_ab Sar	nple ID: 5	00-217596-12
Date Collecte	d: 06/03/22 1	3:30						-	Matrix: Solid
Date Receive	d: 06/04/22 0	9:15						Perc	ent Solids: 91.7
Γ	Batch	Batch		Dilution	Batch	Prepared			

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			661137	06/03/22 13:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	661438	06/16/22 16:50	W1T	TAL CHI

#### **Client Sample ID: Trip Blank** Date Collected: 06/03/22 10:00 Date Received: 06/04/22 09:15

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			661137	06/03/22 10:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	661438	06/16/22 17:17	W1T	TAL CHI

#### Laboratory References:

TAL CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Matrix: Solid

Lab Sample ID: 500-217596-13

### Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-22

#### **Eurofins** Chicago

## Chain of Custody Record

2417 Bond Street University Park IL 60484 Phone 708-534-5200 Fax 708-534-5211

Client Information	Sampler Qu	in Le	N7	Lab Free	PM drick S	andie	***************************************	C	arrier Trac	ung No(s	28331	COC No 500-10	) )1813-441	17 2
Client Contact: Quin Lenz	Change A	309-		E-Ma San		edrick@et	eurofinsus com	S	tate of Orig	wi		Page Page		of 2
Company.	1 1 1 2 3	<u></u>	PWS D		T		Analysi	e Rogi	aetad			and the second	No. of Concession, Name	217596
Cedar Corporation Address.	Due Date Reque	sted.								TT			vation Cod	es
1695 Bellevue Street	TAT Requested (	Stand days)	<u>, rrc</u>		+1							A HCL B NaC		M Hexane N None
Green Bay	-1	-andhr	9									C Zn /	Auetate	O AsNaO2 P Na2O4S
State Zip WI 54311	Compliance Proj	ect 🛆 Yes	A No		11				E	NH-		E Nal- F MeC	-SO4	Q Na2SO3 R Na2S2O3
Phone 715-235-9081(Tel)	PC#: Purchase Ord	er not require	d						E			G Ama		S H2SO4 T TSP Dodeca ydrate
Email	` <b>∿</b> O <i>#</i> :	anne an			N SC				500-21	7596 COC		I lce		U Acetone V MCAA
quin lenz@cedarcorp.com Project Name	Project #				Sel Nio				1	296 COC		L EDA L EDA Other: Other:	A	W pH 4-5 Y ⊤izma
RICHFIELD TANK PULL	50006556 SSOW#				) eld							Other		Z other (specify)
			Y	P	Also A	d∀N+						Ĕ	*******	
			Sample	Matrix (w=water	Field Filtered Samp Perform MS/MSD (Y	82608 - PVOC+NAP						equi		
		Sample	Type (C=comp,	S=solid, D=wasteloll,	14 Fi	1-80								
Sample Identification	Sample Date	Time	G=grab)	ET=Tissue, A=Air)						_		<u>e</u>	pecial Ins	structions/Note
	1727-2	12.10		ition Code: . Solid	PΥΥ	N.	┡╍╄╍╄╍╇┙	<u> </u>		ad farmer for		24	- 10 A	
<u>S-1</u>	6/3/22		G		┿╋	K						reality		
5-2	<u> </u>	1245	·	Solid	–++	×								
S-3		1250		Solid	↓	x								
5-4		1255		Solid	<b></b>	N								
S-5		1300		Solid		K								
S-4		1303		Solid		ア								
S-7		1306		Solid	Π	74								
5-8		1310		1	П	X								
5-9		1315			Ħ	X						, all		
S-10		1320				X								
8-11		1325			+-	$\frac{1}{\gamma}$		+						
Possible Hazard Identification			<u> </u>		Sa	1 - 1	posal ( A fee ma	y be as:	sessed if	samples	s are ret	ained long	jer than 1	month)
Non-Hazard Flammable Skin Irritant Po	ison B 🔀 Unl	nown	Radiologica	al			posal ( A fee ma m To Client			/ Lab		Archive Fo	ľ	Months
Deliverable Requested 1 II III IV Other (specify)					Sp	ecial Insti	ructions/QC Requ	urement						
Empty Kit Relinquished by		Date			Time	****			8	of Shipmer			1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -	
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Relinquished by	Date/1 me:			Company		Received	by			Date/*		indunations Etimorena	anomienianii (nome	Company
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Custody Seals Intact. Custody Seal No			energi ang		uittemetertikt-seinenti	Cooler *er	nperature(s) °C and C	Other Rem	arks	435	· 541	4.6+3	10	
Δ Yes Δ No						<u> </u>		alarita da ana ana ana ana ana ana ana ana ana		オワン	6	T.W 73	$\boldsymbol{\varphi}$	

#### **Eurofins Chicago**

2417 Bond Street

## Chain of Custody Record

University Park IL 60484 Phone 708-534-5200 Fax 708-534-5211

Client Information	Sampler Qui	n U	na	Lab F Fred	Irick Sandie				Carrier T	er Tracking No(s) <b> <b> <del> </del></b></b>			COC No: 500-101813-441	17 1	
Client Contact. Quin Lenz	Phone 920	n 4 309-9	1197	E-Mai San		edrick/	Met eur	ofinsus co		State of 0	Drigin:		<u>-</u>	Page Page <b>440</b> 52	nan sense and the second s
Company			PWSID <sup>.</sup>	Journ		conord	wettean	*****		<u> </u>					217596
Cedar Corporation Address.	Due Date Request	ed Cla	L	7				Anal	ysis Red	queste		<u> </u>		Preservation Cod	
1695 Bellevue Street		STU	ndarc	ł									Ĺ	A HCL	M Hexane
City Green Bay	TAT Requested (d	ays	1.10	1	10									B NaOH C Zn Acetate	N None O AsNaO2
State Zip		STAN	ida/ u	, - 										D Nitric Acid E NaHSO4	P Na2O4S Q Na2SO3
WI 54311 Phone.	Compliance Project	ct: A res	A NO										l l	F MeOH	R Na2S2O3 S H2SO4
715-235-9081(Tel)	Purchase Order	r not require	ed		6									G Amchlor H Ascorbic Acid	<ul> <li>TSP Dodecahydrate</li> <li>U Acetone</li> </ul>
Emai quin lenz@cedarcorp com	WO #				S OF N								- 38	I Ice J DI Water	V MCAA W pH 4-5
Project Name	Project #	909191919191919191919191919191919191919			Yes								liter	K EDTA L EDA	Y <sup>™</sup> izma
RICHFIELD TANK PULL Sie	50006556 SSOW#	187			Pla Yes								onte	Other <sup>.</sup>	Z other specify
	000,1				Sampi SD (Y	NAP							ote		
			Sample	Matrix	Field Filtered Sample (Ye Perform MS/MSD (Yos or	PVOC+NAP							Total Number of containers		
			Туре	(W≂water S≃Jolid,	File	đ							Nui		
Sample Identification	Sample Date	Sample Time	(C≈comp, G=grab)	Orwaste/oil, BT-Tissue, A=Air)	Field   Perfor	8260B							ľota	Special In	structions/Note
		> <	A Townson	ition Code:		dn I					<b>1</b>		X	1	
S-12 Trip Blank	6/3/22	1330	6	Solid		K								1	
Trip Blank	11	10.00	6	Solid		7									
				Solid											
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				Solid											
Possible Hazard Identification					Sa	mple	Disposa	al ( A fee	may be a	ssesse	d if sar	nples ar	e retaii	ned longer than 1	month)
Non-Hazard Flammable Skin Irritant Pois	son B WUnkr	nown	Radiologica	1		Re	eturn To	Client	A	bisposal	By Lal	, [	Arc	hive For	Months
Deliverable Requested 1 II III IV Other (specify)					Sp	ecial I	nstructio	ons/QC R	equireme	nts					
Empty Kit Relinqu shed by		Date			Time							hipment.			
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Relinguished by	Date/*ime /			Company		Receiv	ved by				V	Date/Time			Company
Relinquished by	Date/" ime:			Company		Recei	ved by				1	Date/Timer			Company
Custody Seals Intact: Custody Seal No		******			****	Cociei	r Tempera	iture(s) °C a	and Other Re	omarks		****	************		

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### Login Sample Receipt Checklist

#### **Client: Cedar Corporation**

#### Login Number: 217596 List Number: 1 Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>True</td> <td></td>	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

List Source: Eurofins Chicago



**Environment Testing** 

# **ANALYTICAL REPORT**

## PREPARED FOR

Attn: Ashley Wagner Cedar Corporation W61 N497 Washington Ave Cedarburg Wisconsin 53012 Generated 11/17/2022 5:17:26 PM

## JOB DESCRIPTION

Millis Transfer Richfield, WI

## **JOB NUMBER**

500-224837-1

Eurofins Chicago 2417 Bond Street University Park IL 60484



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QC Sample Results	13
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#### Laboratory: Eurofins Chicago

Narrative

Job Narrative 500-224837-1

**Case Narrative** 

#### Comments

No additional comments.

#### Receipt

The samples were received on 11/3/2022 9:40 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.1° C.

#### GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

## **Detection Summary**

#### Client: Cedar Corporation Project/Site: Millis Transfer Richfield, WI

### **Client Sample ID: MW-1**

Job	ID:	500-224837-1

## Lab Sample ID: 500-224837-1

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.53		0.50	0.15	ug/L	1	_	8260B	Total/NA
Ethylbenzene	1.7		0.50	0.18	ug/L	1		8260B	Total/NA
Toluene	0.59		0.50	0.15	ug/L	1		8260B	Total/NA
1,2,4-Trimethylbenzene	2.4		1.0	0.36	ug/L	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.82	J	1.0	0.25	ug/L	1		8260B	Total/NA
Xylenes, Total	7.2		1.0	0.22	ug/L	1		8260B	Total/NA
lient Sample ID: PW-1						Lab Sa	am	ple ID: 5	00-224837-2
Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.70		1.0	0.39	ug/L	1	_	8260B	Total/NA

#### **Client Sample ID: Trip Blank**

No Detections.

## **Method Summary**

#### Client: Cedar Corporation Project/Site: Millis Transfer Richfield, WI

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CHI
5030B	Purge and Trap	SW846	EET CHI

#### **Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

#### Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

## Sample Summary

#### Client: Cedar Corporation Project/Site: Millis Transfer Richfield, WI

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-224837-1	MW-1	Water	11/02/22 09:55	11/03/22 09:40
500-224837-2	PW-1	Water	11/02/22 10:48	11/03/22 09:40
500-224837-3	Trip Blank	Water	11/02/22 00:00	11/03/22 09:40

## **Client Sample Results**

Client: Cedar Corporation Project/Site: Millis Transfer Richfield, WI

#### Job ID: 500-224837-1

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#### Lab Sample ID: 500-224837-1 Matrix: Water

Date Collected: 11/02/22 09:55 Date Received: 11/03/22 09:40

**Client Sample ID: MW-1** 

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.53		0.50	0.15	ug/L			11/15/22 12:24	1
Ethylbenzene	1.7		0.50	0.18	ug/L			11/15/22 12:24	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/15/22 12:24	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/15/22 12:24	1
Toluene	0.59		0.50	0.15	ug/L			11/15/22 12:24	1
1,2,4-Trimethylbenzene	2.4		1.0	0.36	ug/L			11/15/22 12:24	1
1,3,5-Trimethylbenzene	0.82	J	1.0	0.25	ug/L			11/15/22 12:24	1
Xylenes, Total	7.2		1.0	0.22	ug/L			11/15/22 12:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		72 - 124					11/15/22 12:24	1
Dibromofluoromethane (Surr)	89		75 - 120					11/15/22 12:24	1
1,2-Dichloroethane-d4 (Surr)	79		75 - 126					11/15/22 12:24	1
Toluene-d8 (Surr)	96		75 - 120					11/15/22 12:24	1

**Client Sample ID: PW-1** 

Date Collected: 11/02/22 10:48

Date Received: 11/03/22 09:40

#### Lab Sample ID: 500-224837-2 Matrix: Water

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			11/15/22 12:49	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/15/22 12:49	1
Methyl tert-butyl ether	0.70	J	1.0	0.39	ug/L			11/15/22 12:49	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/15/22 12:49	1
Toluene	<0.15		0.50	0.15	ug/L			11/15/22 12:49	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/15/22 12:49	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/15/22 12:49	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/15/22 12:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		72 - 124					11/15/22 12:49	1
Dibromofluoromethane (Surr)	95		75 - 120					11/15/22 12:49	1
1,2-Dichloroethane-d4 (Surr)	80		75 - 126					11/15/22 12:49	1
Toluene-d8 (Surr)	96		75 - 120					11/15/22 12:49	1

## **Client Sample Results**

#### **Client Sample ID: Trip Blank** Date Collected: 11/02/22 00:00 Date Received: 11/03/22 09:40

## Lab Sample ID: 500-224837-3

Matrix: Water

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Method: SW846 8260B - Volatile Organic Compounds (GC/MS)										
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.15		0.50	0.15	ug/L			11/15/22 12:00	1	
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/15/22 12:00	1	
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/15/22 12:00	1	
Naphthalene	<0.34		1.0	0.34	ug/L			11/15/22 12:00	1	
Toluene	<0.15		0.50	0.15	ug/L			11/15/22 12:00	1	
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/15/22 12:00	1	
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/15/22 12:00	1	
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/15/22 12:00	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	78		72 - 124					11/15/22 12:00	1	
Dibromofluoromethane (Surr)	89		75 - 120					11/15/22 12:00	1	
1,2-Dichloroethane-d4 (Surr)	80		75 - 126					11/15/22 12:00	1	
Toluene-d8 (Surr)	96		75 - 120					11/15/22 12:00	1	

## **Definitions/Glossary**

Client: Cedar Corporation Project/Site: Millis Transfer Richfield, WI

## Qualifiers

quannoro		<b></b>
GC/MS VOA Qualifier	Qualifier Description	
J	Reported value was between the limit of detection and the limit of quantitation.	
Glossary		5
Abbreviation	These commonly used abbreviations may or may not be present in this report.	6
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis	
%R	Percent Recovery	
CFL	Contains Free Liquid	
CFU	Colony Forming Unit	0
CNF	Contains No Free Liquid	8
DER	Duplicate Error Ratio (normalized absolute difference)	0
Dil Fac	Dilution Factor	9
DL	Detection Limit (DoD/DOE)	
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample	
DLC	Decision Level Concentration (Radiochemistry)	
EDL	Estimated Detection Limit (Dioxin)	
LOD	Limit of Detection (DoD/DOE)	
LOQ	Limit of Quantitation (DoD/DOE)	
MCL	EPA recommended "Maximum Contaminant Level"	
MDA	Minimum Detectable Activity (Radiochemistry)	13
MDC	Minimum Detectable Concentration (Radiochemistry)	
MDL	Method Detection Limit	
ML	Minimum Level (Dioxin)	
MPN	Most Probable Number	
MQL	Method Quantitation Limit	
NC	Not Calculated	
ND	Not Detected at the reporting limit (or MDL or EDL if shown)	
NEG	Negative / Absent	
POS	Positive / Present	
PQL	Practical Quantitation Limit	
PRES	Presumptive	
QC	Quality Control	
RER	Relative Error Ratio (Radiochemistry)	
RL	Reporting Limit or Requested Limit (Radiochemistry)	
RPD	Relative Percent Difference, a measure of the relative difference between two points	
TEF	Toxicity Equivalent Factor (Dioxin)	
TEQ	Toxicity Equivalent Quotient (Dioxin)	
TNTC	Too Numerous To Count	

## **QC Association Summary**

Client: Cedar Corporation Project/Site: Millis Transfer Richfield, WI Job ID: 500-224837-1

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## GC/MS VOA

#### Analysis Batch: 684938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224837-1	MW-1	Total/NA	Water	8260B	
500-224837-2	PW-1	Total/NA	Water	8260B	
500-224837-3	Trip Blank	Total/NA	Water	8260B	
MB 500-684938/6	Method Blank	Total/NA	Water	8260B	
LCS 500-684938/5	Lab Control Sample	Total/NA	Water	8260B	

#### Method: 8260B - Volatile Organic Compounds (GC/MS) Matrix: Water

		Percent Surrogate Recovery (Acceptance Limits)						
		BFB	DBFM	DCA	TOL			
Lab Sample ID	Client Sample ID	(72-124)	(75-120)	(75-126)	(75-120)			
500-224837-1	MW-1	77	89	79	96			
500-224837-2	PW-1	79	95	80	96			
500-224837-3	Trip Blank	78	89	80	96			
LCS 500-684938/5	Lab Control Sample	77	96	83	95			
MB 500-684938/6	Method Blank	78	94	79	95			

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

Prep Type: Total/NA

## Method: 8260B - Volatile Organic Compounds (GC/MS)

#### Lab Sample ID: MB 500-684938/6 Matrix: Water

Analysis Batch: 684938

	MB	МВ							
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			11/15/22 11:34	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/15/22 11:34	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/15/22 11:34	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/15/22 11:34	1
Toluene	<0.15		0.50	0.15	ug/L			11/15/22 11:34	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/15/22 11:34	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/15/22 11:34	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/15/22 11:34	1

	MB	MB					
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac	÷
4-Bromofluorobenzene (Surr)	78		72 - 124		11/15/22 11:34	1	ľ
Dibromofluoromethane (Surr)	94		75 - 120		11/15/22 11:34	1	
1,2-Dichloroethane-d4 (Surr)	79		75 - 126		11/15/22 11:34	1	
Toluene-d8 (Surr)	95		75 - 120		11/15/22 11:34	1	

#### Lab Sample ID: LCS 500-684938/5 Matrix: Water Analysis Batch: 684938

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	50.0	42.1		ug/L		84	70 - 120	
Ethylbenzene	50.0	44.6		ug/L		89	70 - 123	
Methyl tert-butyl ether	50.0	42.8		ug/L		86	55 - 123	
Naphthalene	50.0	46.9		ug/L		94	53 - 144	
Toluene	50.0	44.6		ug/L		89	70 - 125	
1,2,4-Trimethylbenzene	50.0	42.7		ug/L		85	70 - 123	
1,3,5-Trimethylbenzene	50.0	43.4		ug/L		87	70 - 123	
Xylenes, Total	100	83.4		ug/L		83	70 - 125	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	77		72 - 124
Dibromofluoromethane (Surr)	96		75 - 120
1,2-Dichloroethane-d4 (Surr)	83		75_126
Toluene-d8 (Surr)	95		75 - 120

#### Client Sample ID: Lab Control Sample Prep Type: Total/NA

## Client Sample ID: Method Blank Prep Type: Total/NA

Job ID: 500-224837-1

Job ID: 500-224837-1

Matrix: Water

Lab Sample ID: 500-224837-1

#### Client Sample ID: MW-1 Date Collected: 11/02/22 09:55 Date Received: 11/03/22 09:40

	Batch	Batch		Dilution	Batch			Prepared	
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed	
Total/NA	Analysis	8260B		1	684938	W1T	EET CHI	11/15/22 12:24	
Client Sam	ple ID: PW	-1					Lab	Sample ID:	500-224837-
Date Collecte	d: 11/02/22 1	0:48							Matrix: Wate
Date Receive	d: 11/03/22 0	9:40							
	Batch	Batch		Dilution	Batch			Prepared	
Prep Туре	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed	
Total/NA	Analysis	8260B		1	684938	W1T	EET CHI	11/15/22 12:49	
Client Sam	ple ID: Trip	Blank					Lab	Sample ID:	500-224837-
Date Collecte	d: 11/02/22 0	0:00							Matrix: Wate
Date Receive	d: 11/03/22 0	9:40							
-	Batch	Batch		Dilution	Batch			Prepared	
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed	
	Analysis	8260B			684938	W1T	EET CHI	11/15/22 12:00	

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary					
Client: Cedar Corporation	Job ID: 500-224837-1				
Project/Site: Millis Transfer Richfield, WI					
Laboratory: Eurofins Chicago					
The accreditations/certifications listed below are applicable to this report.					

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-23

Address	Den later Deserve		of Custody Record	638811	eurofins Environment Testin America
		DW NPDES	CRA Other		TAL-8210
Client Contact	Project Manager HSNK			Date	COC No
Company Name CROCK CORP.	Tel/Email OSh KI Wag	NAC CEARING	State contaction	Carrier ,	of COCs
Address WGIN497 Washington Ave					Sampler
City/State/Zip (COCYDUSG, W) 53012 Phone 920-309-2289		ORKING DAYS			For Lab Use Only
Phone 420-304-2284	TAT if different from Below		z	ESP(:)	Walk-in Glient
Fax Project Name Millis Transfer	2 weeks	STU I	(vi) ,	l Date	Lab Sampling
Project Name Millis Transfer	1 week				Job / SDG No
PO# AICHITEGIUI	2 days	1		Ukackic	500-224931
	1 dəy		AUNI SM SMNSW SW SMNSW SW SMNSW	500-224837 COC	900- LLF09
	Type		Perform		
Sample Identification	Sample Sample (C=Comp Date Time G=Grab)				Comple Creatie Mater
Sample identification		_			Sample Specific Notes
I MW-L	11.222 955 6	403M	NNX 1		
DINI-1	11220 1011Q (	NI3M			
FO DIAN	110001048 0				
Trip Blank		DIII			
, T					
				┠─┠─┠─┠─┠─┠─	
				đ	
Preservation Used: 1= Ice, 2= HCI; 3= H2SO4; 4=HNO3; Possible Hazard Identification	5=NaOH; 6= Other		Sample Disposal ( A fee may be	<u>hat de de de de de de</u>	
Are any samples from a listed EPA Hazardous Waste? Please	e List anv EPA Waste Codes fo	r the sample n the	Sample Disposal ( A fee may be	assessed it samples are reta	lined longer than 1 month)
Comments Section if the lab is to dispose of the sample	a marany milling and a data a				
Non-Hazard 🗌 Flammable 🗌 Skin Irritant	Poison B Unk	กอั้พก	Return to Client	sposal by Lab	for Months
Special Instructions/QC Requirements & Comments			+	· · · · · · · · · · · · · · · · · · ·	
				1.1+2.1	
Custady Soals Intact	Cuptody Sool No		Cooler Temp (°C) Ob		Therm ID No
Custody Seals Intact Yes No	Custody Seal No	Date/Time 1111			
	Company. CONAV	Date/Time	Received by	Company	Date/Time.
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
And I	Curtins (1).)	17:00			
Relinguished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time
		1	Received in Laboratory by	Company EEIA	11/3/22 0940
and the second			I SWEIDING HUITIGI UN	TH	LILVING - CVV

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### Login Sample Receipt Checklist

#### **Client: Cedar Corporation**

#### Login Number: 224837 List Number: 1 Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>True</td> <td></td>	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Job Number: 500-224837-1

List Source: Eurofins Chicago

## **Eurofins Chicago**

## Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

Results relate only to the items tested and the sample(s) as received by the laboratory. The results, detection limits (LOD) and Quantitation Limits (LOQ) have been adjusted for sample dilutions and/or solids content.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

## Authorization

odie Brocken

Generated 11/17/2022 5:17:26 PM

Authorized for release by Jodie Bracken, Project Management Assistant II Jodie.Bracken@et.eurofinsus.com Designee for Sandie Fredrick, Project Manager II Sandra.Fredrick@et.eurofinsus.com (920)261-1660

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**Environment Testing** 

# **ANALYTICAL REPORT**

## PREPARED FOR

Attn: Ashley Wagner Cedar Corporation W61 N497 Washington Ave Cedarburg, Wisconsin 53012 Generated 12/14/2022 3:36:05 PM

## JOB DESCRIPTION

Millis Transfer Richfield

## **JOB NUMBER**

500-226264-1

Eurofins Chicago 2417 Bond Street University Park IL 60484







## **Eurofins Chicago**

## Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

Results relate only to the items tested and the sample(s) as received by the laboratory. The results, detection limits (LOD) and Quantitation Limits (LOQ) have been adjusted for sample dilutions and/or solids content.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

## Authorization

under hedre

Generated 12/14/2022 3:36:05 PM

Authorized for release by Sandie Fredrick, Project Manager II Sandra.Fredrick@et.eurofinsus.com (920)261-1660

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## Job ID: 500-226264-1

#### Laboratory: Eurofins Chicago

Narrative

Job Narrative 500-226264-1

**Case Narrative** 

#### Comments

No additional comments.

#### Receipt

The samples were received on 12/3/2022 9:35 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.0° C.

#### GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# **Detection Summary**

#### Client: Cedar Corporation Project/Site: Millis Transfer Richfield

## Client Sample ID: MW-1

## Lab Sample ID: 500-226264-1

Analyte	Result (	Qualifier	LOQ	DL	Unit	Dil Fac D	Method	Prep Type
Benzene	0.26	J	0.50	0.15	ug/L	1	8260B	Total/NA
Ethylbenzene	2.9		0.50	0.18	ug/L	1	8260B	Total/NA
Naphthalene	0.44	J	1.0	0.34	ug/L	1	8260B	Total/NA
Toluene	0.65 E	В	0.50	0.15	ug/L	1	8260B	Total/NA
1,2,4-Trimethylbenzene	3.2		1.0	0.36	ug/L	1	8260B	Total/NA
1,3,5-Trimethylbenzene	0.97	J	1.0	0.25	ug/L	1	8260B	Total/NA
Xylenes, Total	8.2		1.0	0.22	ug/L	1	8260B	Total/NA
Client Sample ID: Trip B	Blank					Lab San	nple ID: 5	00-226264-2
Analyte	Result (	Qualifier	LOQ	DL	Unit	Dil Fac D	Method	Ргер Туре
Toluene	0.21	JB	0.50	0.15	ug/L	1	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

## **Method Summary**

### Client: Cedar Corporation Project/Site: Millis Transfer Richfield

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CHI
5030B	Purge and Trap	SW846	EET CHI

#### **Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

#### Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

## Sample Summary

## Client: Cedar Corporation Project/Site: Millis Transfer Richfield

Job ID: 500-226264-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-226264-1	MW-1	Ground Water	12/02/22 09:00	12/03/22 09:35
500-226264-2	Trip Blank	Water	12/02/22 00:00	12/03/22 09:35

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#### 500 226264 4 1.0 ..... .

**Client Sample ID: MW-1** Date Collected: 12/02/22 09:00 Date Received: 12/03/22 09:35

Lab	Sample ID: 500-226264-1
	Matrix: Ground Water

Method: SW846 8260B - Vo	latile Organic	Compound	ds (GC/MS)						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.26	J	0.50	0.15	ug/L			12/07/22 16:14	1
Ethylbenzene	2.9		0.50	0.18	ug/L			12/07/22 16:14	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			12/07/22 16:14	1
Naphthalene	0.44	J	1.0	0.34	ug/L			12/07/22 16:14	1
Toluene	0.65	В	0.50	0.15	ug/L			12/07/22 16:14	1
1,2,4-Trimethylbenzene	3.2		1.0	0.36	ug/L			12/07/22 16:14	1
1,3,5-Trimethylbenzene	0.97	J	1.0	0.25	ug/L			12/07/22 16:14	1
Xylenes, Total	8.2		1.0	0.22	ug/L			12/07/22 16:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		72 - 124					12/07/22 16:14	1
Dibromofluoromethane (Surr)	97		75 - 120					12/07/22 16:14	1
1,2-Dichloroethane-d4 (Surr)	88		75 - 126					12/07/22 16:14	1
Toluene-d8 (Surr)	93		75 - 120					12/07/22 16:14	1

## **Client Sample Results**

LOQ

0.50

0.50

1.0

1.0

0.50

1.0

1.0

1.0

Limits

72 - 124

75 - 120

75 - 126

75 - 120

DL Unit

0.15 ug/L

0.18 ug/L

0.39 ug/L

0.34 ug/L

0.15 ug/L

0.36 ug/L

0.25 ug/L

0.22 ug/L

D

Prepared

Prepared

## Client Sample ID: Trip Blank Date Collected: 12/02/22 00:00 Date Received: 12/03/22 09:35

Analyte

Benzene

Ethylbenzene

Naphthalene

Xylenes, Total

Toluene-d8 (Surr)

Surrogate

**Toluene** 

Methyl tert-butyl ether

1,2,4-Trimethylbenzene

1,3,5-Trimethylbenzene

4-Bromofluorobenzene (Surr)

Dibromofluoromethane (Surr)

1,2-Dichloroethane-d4 (Surr)

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Result Qualifier

<0.15

<0.18

<0.39

< 0.34

< 0.36

<0.25

<0.22

%Recovery Qualifier

89

96

86

91

0.21 JB

### Job ID: 500-226264-1

## Lab Sample ID: 500-226264-2 Matrix: Water

Analyzed

12/07/22 12:39

12/07/22 12:39

12/07/22 12:39

12/07/22 12:39

12/07/22 12:39

12/07/22 12:39

12/07/22 12:39

12/07/22 12:39

Analyzed

12/07/22 12:39

12/07/22 12:39

12/07/22 12:39

12/07/22 12:39

Dil Fac

1

1

1

1

1

1

1

1

1

1

1

1

Dil Fac

# **Definitions/Glossary**

8

# Qualifiers

GC/MS VOA		
Qualifier	Qualifier Description	4
В	Compound was found in the blank and sample.	
J	Reported value was between the limit of detection and the limit of quantitation.	5

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# **QC Association Summary**

Client: Cedar Corporation Project/Site: Millis Transfer Richfield Job ID: 500-226264-1

9

## GC/MS VOA

### Analysis Batch: 688607

Lab Sample ID 500-226264-1	Client Sample ID MW-1	Prep Type Total/NA	Matrix Ground Water	Method 8260B	Prep Batch
500-226264-2	Trip Blank	Total/NA	Water	8260B	
MB 500-688607/7	Method Blank	Total/NA	Water	8260B	
LCS 500-688607/5	Lab Control Sample	Total/NA	Water	8260B	

## Method: 8260B - Volatile Organic Compounds (GC/MS) Matrix: Ground Water

-			Pe	ercent Surre	ogate Recove	ery (Acceptance Limits)
		BFB	DBFM	DCA	TOL	
Lab Sample ID	Client Sample ID	(72-124)	(75-120)	(75-126)	(75-120)	
500-226264-1	MW-1	89	97	88	93	
Surrogate Legend	ł					
BFB = 4-Bromofluc	probenzene (Surr)					
DBFM = Dibromofl	uoromethane (Surr)					
DCA = 1,2-Dichloro	pethane-d4 (Surr)					
TOL = Toluene-d8	(Surr)					
lethed: 0000D		man a un da /(				
	- Volatile Organic Co	mpounas (C	5C/IVIS)			
latrix: Water						Prep Type: Total/N
-						

	Percent Surrogate Recovery (Acceptance Limits)						
		BFB	DBFM	DCA	TOL		
Lab Sample ID	Client Sample ID	(72-124)	(75-120)	(75-126)	(75-120)		
500-226264-2	Trip Blank	89	96	86	91		
LCS 500-688607/5	Lab Control Sample	88	99	86	92		
MB 500-688607/7	Method Blank	91	100	89	93		
Surrogate Legend							
BFB = 4-Bromofluorok	penzene (Surr)						

DBFM = Dibromofluoromethane (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

12/14/2022

## Method: 8260B - Volatile Organic Compounds (GC/MS)

# Lab Sample ID: MB 500-688607/7

Matrix: Water Analysis Batch: 688607

	MB MB							
Analyte Re	sult Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene <	0.15	0.50	0.15	ug/L			12/07/22 11:18	1
Ethylbenzene <	).18	0.50	0.18	ug/L			12/07/22 11:18	1
Methyl tert-butyl ether <	).39	1.0	0.39	ug/L			12/07/22 11:18	1
Naphthalene <	).34	1.0	0.34	ug/L			12/07/22 11:18	1
Toluene 0	170 J	0.50	0.15	ug/L			12/07/22 11:18	1
1,2,4-Trimethylbenzene <	).36	1.0	0.36	ug/L			12/07/22 11:18	1
1,3,5-Trimethylbenzene <	).25	1.0	0.25	ug/L			12/07/22 11:18	1
Xylenes, Total <	).22	1.0	0.22	ug/L			12/07/22 11:18	1

	MB	MB					
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac	2
4-Bromofluorobenzene (Surr)	91		72 - 124		12/07/22 11:18	1	•
Dibromofluoromethane (Surr)	100		75 - 120		12/07/22 11:18	1	
1,2-Dichloroethane-d4 (Surr)	89		75 - 126		12/07/22 11:18	1	
Toluene-d8 (Surr)	93		75 - 120		12/07/22 11:18	1	

#### Lab Sample ID: LCS 500-688607/5 Matrix: Water Analysis Batch: 688607

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	50.0	43.7		ug/L		87	70 - 120
Ethylbenzene	50.0	46.5		ug/L		93	70 - 123
Methyl tert-butyl ether	50.0	40.2		ug/L		80	55 - 123
Naphthalene	50.0	41.5		ug/L		83	53 - 144
Toluene	50.0	44.7		ug/L		89	70 - 125
1,2,4-Trimethylbenzene	50.0	47.5		ug/L		95	70 - 123
1,3,5-Trimethylbenzene	50.0	48.8		ug/L		98	70 - 123
Xylenes, Total	100	90.6		ug/L		91	70 - 125

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		72 - 124
Dibromofluoromethane (Surr)	99		75 - 120
1,2-Dichloroethane-d4 (Surr)	86		75 - 126
Toluene-d8 (Surr)	92		75 - 120

#### Client Sample ID: Lab Control Sample Prep Type: Total/NA

## Client Sample ID: Method Blank Prep Type: Total/NA

Job ID: 500-226264-1

12/14/2022

**Matrix: Ground Water** 

Lab Sample ID: 500-226264-1

### Client Sample ID: MW-1 Date Collected: 12/02/22 09:00 Date Received: 12/03/22 09:35

	Batch	Batch		Dilution	Batch			Prepared	
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed	
Total/NA	Analysis	8260B			688607	W1T	EET CHI	12/07/22 16:14	
								<u> </u>	
							Lab	Sample ID: 500	
Client Sam	ple ID: Trip d: 12/02/22 0						Lab		-226264- atrix: Wate
Date Collecte		0:00					Lab		
ate Collecte	d: 12/02/22 0	0:00		Dilution	Batch		Lab		
Date Collecte	d: 12/02/22 0 d: 12/03/22 0	0:00 9:35	Run	Dilution Factor	Batch Number	Analyst	Lab	- Ma	

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Client: Cedar Corporation Project/Site: Millis Transfer Richfield Job ID: 500-226264-1

**13** 14

## Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Au	uthority	Program	Identification Number	Expiration Date
W	/isconsin	State	999580010	08-31-23

Chain of Custody Record

638942 🔅 eurofins

Environment Testing America

5

13 14

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Client Contact	Project N	lanager P 1 ashu	shie	NUXA	Che	Site	Conta	nct				Da	ate						COC No	1	
Company Name (LOU OVP	Tel/Emai	ashi	21.12	Gne	RET	Pet	Conte	Gro	.10	m		Ca	arrier						of	COCs	
Address Will N497 Washington Ave		Analysis 1	urharound	l tilne		Π				ΤΠ		Τ				T	ΤΤ		Sampler <sup>.</sup>		
City/State/Zip (Parker Guy Goy)7	- 🗌 CALEI	NDAR DAYS	🗌 wo	RKING DAY	′S		-												For Lab Use O	nly	
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Site BICHTELD			2 days			)) )					- 6		1						Job / SDG No		(
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Sample Identification	Date	Time	G=Grab)	Matrix	Cont.	Filt	PNOC				500	2202	-	1					Sample	Specific Note:	s
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Are any samples from a listed EPA Hazardous Waste? Plea	se List anv	EPA Waste	Codes for t	he same	le in the		anhie	Pishos	ui ( P	1001	inay i	ve as:	30331	Juns	amp	103 0		ant	sa ionger trian i fi	ioniny	
Comments Section if the lab is to dispose of the sample	····,										. /	٨									
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12/14/2022

Address

#### **Client: Cedar Corporation**

#### Login Number: 226264 List Number: 1 Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>True</td> <td></td>	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.0
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

List Source: Eurofins Chicago

TR-WM-140 (4/22) Formerty ERS-8951

Wisconsin Department of Agriculture, Trade and Consumer Protection

Bureau of Weights and Measures

P.O. Box 7837, Madison, WI 53707-7837

(608) 224-4942

Wis. Admin. Code §ATCP 93.560

FOR OFFICE USE ONLY

# TANK SYSTEM SERVICE AND CLOSURE ASSESSMENT REPORT

Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04(1)(m) Wis. Stats.).

Complete One Form for Each System Service Event

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

CHECK ONE: WUNDERGROUND ABOVEGROUND

#### 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

			anonoontaini	none outpointpoint								
B. IDENTIF								41			and the second	61 - 17 AVA
OWNER INF	ORMATION	11、11、12、包括13个MM	alar, site of the	「「「「「ない」」」	10.77 (1 MAR	CARL 1	1-	Sa.	12.14	1.1.11	and the second s	M 1 7 1089
OWNER NAM	NSFER INC	412663	CRAIG SCH					TITLE				1
MAILING ADI P.O. BOX 5		×.,		5		CK RIVER F		/ILLAGE			STATE	ZIP 54615
TELEPHONE (715) 299 -			1	- 1	2	E-MAIL		2		植		1 1
SITE INFOR		The second stand with	a day of	2.0	· · · · ·				14	14 Sec.	A STREET	1 1. 12
FACILITY NA					5			8 <sup>1</sup> 31		-	9	
	SS (Not PO Box) E RD 167 W						N 🛛 V	ILLAGE			STATE	ZIP 53076
SERVICE CO	NTRACTOR INF	ORMATION		14/14/2	2 60	- the state		14	1.19	Sec. 1	51	1.11
	RVICE CONTRACT	CTOR Section A Above		SERVI 50719		RACTOR CE	rt ID #		TELEPH (715) 8	ione: 31 - 8484	CELL: (715) 5	79 - 8324
STREET ADD								ILLAGE	5		STATE WI	ZIP 54702
C. TANK SY	STEM DETAIL	(Complete for all s	ervice activities	)					- 14 <sup>-1</sup>		2	1
a	b	c	d	0	f		1	g			h	
Tank ID #	Type of Closure <sup>1</sup>	Tank Material of Construction	Piping Material of Construction	Tank Capacity (gailons)	Conter	(e.	g. hole	omprom es, craci onnectio	(s, n, §	an Source of F	d Cause of Re Release <sup>3</sup> Cau	lease <sup>5</sup> ise of Releas
113523	Р	STEEL	FRP	15000 D	)L	C	] Yes	No	i			
		1.18 3 1 35	a. 4. 19. i	. (* 1. m.)	$a_{\mu\nu}^{\mu}=0$		] Yes		e el c	5. As		
		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1					] Yes	No No	í			
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×7. 3	E.	1.0		"啊~			] Yes		1			
		and the second		$+e^{i\phi_{2}}-e^{i\phi_{2}}\cdots$		C	] Yes		) (C			
1. Indicate	e type of closure	: P = Permanent, T	OS = Temporaril	y Out-of-Servic	e, CIP :	= Closure In-	Place	1				
Keros		t: DL = Diesel, LG = ix, WO = Waste/Use										
												-
3. CAS nu	umber(s):			N.				1				
4. Source	of release: T =	tank, P = piping, D	= dispenser, ST	P = submersib	le turbin	e pump, DP	= deli	ivery pr	oblem,	O = othe	er, UNK = Ur	known
5. Cause S = sp		POMD = physical or	mechanical dam	nage, C = com	osion, II	P = installation	on prol	blem, (	O = oth	ier, UNK	= Unknown	
6. Has rel	ease been repor	rted to the Department	nt of Natural Res	ources?	Yes 🗌	No AR	elease	not ev	ident a	t this time	(pending sar	nple analysi
		Part & Die	tribution: DAT		Inen		ntract		Owner			
		rait A Dis	UIDUIUII. DAI		nispe	000 00	in acti		2 WINGI			

TR-VAM-140 (422) Formerly ERS-8951					
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. I Yes No					
All local permits were obtained before beginning closure. TYes No NA					
UST Form TR-WM-137 or AST Form TR-WM-118 filed by owner with the DATCP indicating clo	sure.	Yes	No No	I NA	
NOTE: TANK INVENTORY FORM TR-WM-137 or TR-WM-118 SIGNED BY THE OWNER MUST BE SUE			_		
WITH EACH CLOSURE or CHANGE-IN-SERVICE CHECKLIST					
D. D CLOSURE BY REMOVAL OR IN-PLACE	-				
1. General Requirements		mover	Inspector Verified	Inspector Not Present	NA
a. Product from piping drained into tank (or other container).	1 Y		GYDN		
b. Piping disconnected from tank and removed.	I Y		OY DN		
c. All liquid and residue removed from tank using explosion-proof pumps or hand pumps prior to removing tank from excavation.	<b>P</b> Y				
<ol> <li>All pump motors and suction hoses bonded to tank or otherwise grounded.</li> </ol>	1 Y		DY. DN		
e. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other focures	DY		BY DN		
f. Vent lines left connected until tanks purged.	DY D		BY.DN		
g. Tank openings temporarily plugged so vapors exit through vent.	DY N		BYDN		
h. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E.	D Y		OY DA		
2. Specific Closure-by-Removal Requirements					
a. Tank removed from excavation after PURGING/INERTING; placed on level ground and blocked to prevent movement.	1 Y	□ N			
b. Tank cleaned before being removed from site.	Y		VON		
c. Tank labeled in full compliance with API 1604 after removal but before being moved from site.			BYDN		
NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CON					
VAPOR STATE; VAPOR FREEING TREATMENT; MONTH/DAY/YEAR OF REMOVAL					
d. Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site.	ΠY		DYDN		
<ul> <li>Site security is provided while the excavation is open.</li> </ul>	Y	N			
3. Specific Closure-In-Place Requirements	1.1				
NOTE: CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION (DATCP) OR	LOCA	L AGEN	т.		
a. Tank properly cleaned to remove all sludge and residue.	ΠY	□ N			P
b. Solid inert material (sand, cyclone boiler slag, or pea gravel recommended) introduced and tank filled.	ΠY	<b>N</b>	DYDN		1
c. Vent line disconnected or removed.	ΠY	<b>N</b>			p
<ol> <li>Inventory form filed by owner with DATCP indicating closure in-place.</li> </ol>	ΠY	<b>N</b>	DY DN		1
E. C REPAIR, UPGRADE OR CHANGE-IN-SERVICE			. 1		
Written notification was provided to the local agent 5 days in advance of service date.	ΠY	<b>N</b>	NA NA		
All local permits were obtained before beginning service.	ΠY	ΠN	NA		
Form TR-WM-137 or 0 TR-WM-118 filed by owner with DATCP indicating change-in-service.	ΠY	ΠN	D 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 1	2 feet a	above gi	round.		
Inert gas using dry ice or liquid carbon dioxide.					
Inert gas using CO2 or N2 NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOS ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS					ON
Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank op					
Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing de					
Provide the second s	127				
Tank atmosphere monitored for flammable or combustible vapor levels prior to and during cleaning			ound.		
Calibrate combustible gas indicator and/or oxygen meter prior to use. Drop tube removed prior to clobottom, middle and upper portion of tank.		-	ohere. Tank s	pace monitored	at
TR-WM-140 (4/22) Formerly ERS-8951					
G. REMOVER/CLEANER INFORMATION					
Justin Pebboin Only 40	15	18	(	-3-2	2
REMOVER/CLEANER NAME (PRINT): REMOVER/CLEANER SIGNATURE CERTIFI	CATION	#	DAT	E TANK REMOVED	
I attest that the procedures and information which I have provided as the tank closure contractor are correct	and co	mply wi	th ATCP 93.		
Company expected to perform soil contamination assessment CEDAN CORP		401	1889		

Distribution: DATCP DNR Inspector Contractor Owner

H. INSPECTOR INFORMATION

ason harczewski

INSPECTOR NAME (PRINT):

.

468444 INSPECTOR CERTIFICATION #

DATCP

6610 Richfield

22

FDID # FOR LOCATION WHERE INSPECTION PERFORMED INSPECTOR NOTES:

(262) 307- 6440 INSPECTOR TELEPHONE.NUMBER

DATE SIGNED

Distribution: DATCP DNR Inspector Contractor Owner

Part B – To be completed by environmental professional	- Submit original Part B to the WDNR a	along with a <i>copy</i> of Part A
--	--	------------------------------------

I. TANK-SYSTEM SITE ASSESSMENT (T	SSA)			I. TANK-SYSTEM SITE ASSESSMENT (TSSA)											
SITE NAME - Note: SITE NAME and addre	ess MUST MATCH with Part A Section 1.														
Millis Transfer LLC															
SITE ADDRESS (Not PO Box)		CITY TOWN VILLAGE		STATE											
3001 State HWY 167		Richfield		WI	53076										
1 7	e ATCP 93 and section II part B of ASSE EGROUND STORAGE TANK SYSTEMS		PECTED AND OE	IVIOUS I	RELEASES										
If a TSSA is required, then follow the p UNDERGROUND AND ABOVEGROU	rocedures detailed in ASSESSMENT AN IND STORAGE TANK SYSTEMS	D REPORTING OF SUSPECTED AND	O OBVIOUS RELE	EASES F	ROM										
1. Site Information															
a. Has there been a previously documented release at this site? $\square$ Y $\square$ N															
If yes, provide the DATCP # or DNR BRRT's #															
b. Number of active tanks at facility prior to completion of current services: USTs 1 ASTs 0															
(NOTE 1: Do not include previously closed systems or system components.)															
	in feet). (Photos must be provided.)	,													
EXCAVATION/TRENCH #	LENGTH	WIDTH	DEPTH		1										
Tank Bed	34	17	12												
Piping	24	4	3												
2. Visual Excavation/Trench Inspect	tion (Photos must be provided for "Ye	s" responses, except item b.)													
Do any of the following conditions exis	t in or about the excavation(s)?														
a. Stained soils: 🗌 Yes 🖾 No	b. Petroleum odor: ⊠Yes □N	lo c. Water In excavation/trench	Yes 🗌 No	)											
d. Free product in the excavation/	trench <sup>.</sup> ∏Yes ⊠No e Shee	n or free product on water:	🖾 No												
3. Geology/Hydrogeology			_												
a. Depth to groundwater 13	feet b. Indic	ate type of geology <sup>2</sup> Silty sand													
4. Receptors															
a. Water supply well(s) within 250	feet of the facility? 🛛 Yes 🗌 No	f yes, specify: Potable well on site, sp	ecific location un	known											
b. Surface water(s) within 1000 fe	et of the facility? 🔲 Yes 🛛 No 🛛 If ye	s, 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 fe	,														

#### J. NOTE RELEVANT OBSERVATIONS, SPECIFIC PROBLEMS OR CONCERNS BELOW

Groundwater was encountered in the bottom of the excavation. No base samples were collected. Sidewall samples were collected approximately 12 feet below ground surface, just above the water table. Soil samples S-1 and S-12 had elevated PID readings. The western tank wall was approximately 8 feet from the master pump. Soil sample S-1 was collected approximately 3 feet below the master pump. Soil sample S-12 was collected from the west side wall at approximately 12 feet. Sample S-12 acts as a confirmation sample from beneath soil sample S-1. 1,2,4-Trimethylbenzene was detected in the trip blank at 32J micrograms per kilogram, the result was detected between the laboratory limit of detection and the limit of quantification.

#### TR-WM-140 (4/22) Formerly ERS-8951

Sample ID #	Sample Location &	S	ample Colle	ction Methe	bd	Depth Below	Field Screening	GRO	DRO
	Soil/Geologic Description	Grab	Shelby Tube	Direct Push	Split Spoon	Tank/Piping (feet)	Result (ppm)	(mg/kg)	(mg/kg)
S-1	East master piping / Silty sand	$\boxtimes$				-3	130.4		
S-2	South satellite piping / Silty sand	$\boxtimes$				-3	0.7		
S-3	West master piping / Silty sand	$\boxtimes$				-3	0.2		
S-4	North satellite piping / Silty sand	$\boxtimes$				-3	0.2		
S-5	Southwest wall / Silty sand	$\boxtimes$				-12	0.4		
S-6	South wall / Silty sand	$\boxtimes$				-12	0.3		
S-7	Southeast wall / Silty sand	$\boxtimes$				-12	0.2		
S-8	Northwest wall / Silty sand	$\boxtimes$				-12	0.4		
S-9	North wall / Silty sand	$\boxtimes$				-12	0.5		
S-10	Northeast wall / Silty sand	$\boxtimes$				-12	1.0		
S-11	East wall / Silty sand	$\boxtimes$				-12	1.4		
S-12	West wall / Silty sand	$\boxtimes$				-12	171.1		

Sample ID #	BENZENE	TOLUENE	ETHYLBENZENE	МТВЕ	TRIMETHYL - BENZENES (TOTAL)	XYLENES (TOTAL)	NAPHTHALENE
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
S-1	<17	<17	670	<45	8,200	3,300	<38
S-2	<8.5	<8.5	<11	<23	<22	<13	<19
S-3	<8.6	<8.6	<11	<23	<22	<13	<20
S-4	<8.6	<8.6	<11	<23	<22	<13	<20
S-5	<8.6	<8.7	<11	<23	<22	<13	<20
S-6	<8.4	<8.5	<11	<23	<22	<13	<19
S-7	<8.6	<8.6	<11	<23	<22	<13	<20
S-8	<8.5	<8.5	<11	<23	<22	<13	<19
S-9	<8.9	<8.9	<11	<24	<23	<13	<20
S-10	<8.7	<8.8	<11	<24	<23	<13	<20
S-11	<8.8	<8.9	<11	<24	<23	<13	<20
S-12	<8.6	12JB	1,100	<23	12,500	3,100	<20
Trip Blank	<7.3	<7.4	<9.2	<20	32J	<11	<17

#### K. TANK-SYSTEM SITE ASSESSMENT INFORMATION

As a tank-system site assessor certified under Wis. Admin. Code section ATCP 93.240, it is my opinion that there is no indication of a release of a regulated substance to the environment.

1

Sampling at the site indicates there has been a release to the environment. Pursuant to Wis. Admin. Code section ATCP 93.585 (2) (a) and Wis. Stats. section 292.11 (2) (a), the owner or operator or contractor performing work under chapter ATCP 93 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 168.26 (5). Each day of continued violation and each tank are treated as separate offenses.

Quin Lenz	2-	-15	494047
TANK-SYSTEM SITE ASSESSOR NAME (PRINT):	TANK-SYSTEM S	SITE ASSESSOR SIGNATURE	CERTIFICATION NO.
(920) 491 - 9081	6/20/2022	Cedar Corporation	
TANK-SYSTEM SITE ASSESSOR TELEPHONE NUMBER	DATE SIGNED	COMPANY NAME	

1

This document can be made available in alternate formats to individuals with disabilities upon request.

Bureau of Weights and Me. PO Box 7837 Madison, W (608) 224-4942	VI 53707-7837		14	<sup>7</sup> is. Admin.		TCP 93.140
UNDERGROUND FLAMMABLE/CO						
Personal information you provide may be						ats.).
	that have stored or currently store pe			and a second	stered.	
	ded for each tank. Send each compl					
Have you previously registered this tank by sut			ung/updating init	mation of		
This registration applies to a 🛛 tank 🗋 piping status tha	Abandoned with Water	Ls change: 6/3/2022	h Product			
Newly Installed	Closed - Removed		hout Product (empt	y)		
Temporarily Out of Service – Provide Date:	Closed - Filled with Inert Materials	Change of Site	Facility Address O	nly (complete	boxes 1.a	. and b. below)
Ownership Change (Indicate new owner name in box 2	– attach deed)					
IDENTIFICATION (Please Print)	the state of the state of the	Carlo Carlo Carlo	a construction	Lauraura	in the	1. 193. MARINE N
1. TANK SITE NAME		COUNTY		PHONE		
MILLIS TRANSFER INC a. CURRENT SITE STREET ADDRESS					STATE	ZIP
3001 STATE RD 167 W		RICHFIELD			WI	53076
b. PREVIOUS SITE STREET ADDRESS				)F:	STATE	ZIP
						· · · · · · · ·
Fire Dept. providing fire coverage where tank is located:	CITY TOWN VILLAGE of: RIC	CHFIELD #6610				
2. TANK OWNER LEGAL NAME		COUNTY		The Article And the Article Ar		ELL or LAND
MILLIS TRANSFER INC		JACKSON			9 - 2319	
MAILING ADDRESS P.O. BOX 550				DF:	STATE	ZIP 54615
3. PROPERTY OWNER NAME (if different from Tank Owner	r Logal Nama #2)	BLACK RIVER	VER FALLS   WI   54615 tifferent from County #2)			
	r Legai Name #2)	COUNTY (I' differe	int from County #2)			
PROPERTY OWNER ADDRESS (if different from Site Str	reet Address #1)			)F:	STATE	ZIP
4. CLASS A NAME	DOB		CERTIFICATION:	(Attach certi	ficate)	61 (20)
5. CLASS B NAME			CERTIFICATION: (Attach certificate)			
5. CLASS B NAME	DOB		CERTIFICATION:	(Attach certi	ncate)	
SITE ID:	FACILITY ID # 412663		CUSTOMER ID #			
Tank Capacity (gallons): 15000	Tank Age (age or date installed):			Vehicle fue	ing: 🛛 Ye	es 🗆 No
LAND OWNER TYPE (Refer to back; check one):	State Federal Leased Federal	ral Owned 🔲 Tribal	Nation Municip	al Othe	r Governme	ent 🖾 Private
OCCUPANCY TYPE (check one) Refer to back						4
	Bulk Storage Terminal Storage	the second	Residential	School	Gov Gov	ernment Fleet
Agricultural (crop or livestock production)	Backup or Emergency Generator	Other (specify				
TANK CONSTRUCTION: Bare Steel Steel Steel - Fiber	glass Reinforced Plastic Composite			verfill Protection		⊠Yes □No ⊠Yes □No
□ Fiberglass □ Unknown □ Other (specif		e):		ank Double		⊡Yes ⊠No
TANK CATHODIC PROTECTION: Sacrificial And			L.			
TANK LEAK DETECTION METHOD: Automatic tank	gauging □ Interstitial monitoring ⇔ E	lectronic Ves	No Sta	tistical Invent	tory Recond	ciliation (SIR)
Manual tank gauging (only for tanks of 1,000 gallons or le	ess) 🔲 Unknown					
PIPING CONSTRUCTION: Single Wall Double Wal	Ki in the second s		-			
Bare Steel Coated Steel Fiberglass	Flexible Copper Unkr		Other:			
PIPING CATHODIC PROTECTION: Sacrificial Anode PRIMARY PIPING SYSTEM TYPE: Pressurized pipi	es  ☐ Impressed Current		rictor - MUD		known	
	ping with check valve at pump and inspect		ed if waste oil		KIIOWII	
	nitoring ⇔ Electronic □ Yes □ No			10		
Tightness testing Electronic line monitor - ELLD	가 안 <u>안 할 수 있</u> 는 것이 이 것이 가지 <u>있었다. 이 것이 가지 않아 있는 것이 가지 않아 있는 것이</u> 다.	Unknown				
TANK CONTENTS Current, or previous product (if tank now		Leaded 🛛 Unle	aded Gas-et	hanol blend:	% etha	anol 🛛 Diesei
Bio-Diesel:%		Premix New	Oil New oi	I – Flash poi	nt less than	200°F
□ Waste/Used Motor Oil ⇔ □ Used for Heating		Sand/Grave/Slurry*		wn		
Other (specify):	Chemical* Name:		CAS#			dia dia
Has a site assessment been completed? (see reverse side						(a
TANK OWNER LEGAL NAME (please print)		K E-MAIL				
TANK OWNER SIGNATURE (Note: By signing, signer is ac		r the storage test	etom \		-	
run officer of the line by signing, signer is ac	cepung legal and financial responsibility to	The storage tank sy	stern.)	DATE		
- the lat	Notes Before second and	ma alde ald				
	Note: Refer to comments on reve	rse side of form.				

Wisconsin Department of Agriculture, Trade and Consumer Protection Bureau of Weights and Measures Storage Tank Regulation, PO Box 7837, Madison, WI 53707-7837

Phone: (608) 224-4942

Wis. Admin. Code §ATCP 93.115

FOR OFFICE USE ONLY

§ATCP 93.350

# ATCP 93 NOTIFICATION RECORD

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

TO: Darren Leone

(Refer to https://datcp.wi.gov/Pages/Programs\_Services/StorageTankContacts.aspx for a jurisdiction's authorized agent/department.)

**Note:** Only the notification form is required for non-flammable, non-combustible, hazardous liquid, or CERCLA tanks greater than or equal to 5,000 gallon capacity that are under the direct supervision of a qualified engineer. A plan review is not required. (ATCP 93.350(2)(b)). **LOCATION / IDENTIFICATION** 

**OFFICE LOCATION:** 

Millis Thansfer Inc			172663	FIR	E DEPT. PR	oviding Field		COTECT	ION COVERAGE
SITE STREET ADDRESS 300 (State Road 167 W		□ cn	Richfiel	d	VILLAGE	STATE	ZIP 530	76	washington
OWNER NAME Millis Tours fer Inc		PHON	IE NUMBER	TAN	COWNER E	MAIL			
OWNER STREET ADDRESS P.O. ISOX 550			Black H	WN	n Fall	VILLAGE		STATE WI	SHEIS
CONTRACTOR NAME	PHONE NUMBE	R	CELL NUMBER		EMAIL				
ADVANCED TANK SERVICE, INC	(715) 831 - 8	484	(715) 579 - 83	24	molson@	adv-tan	k.com		
STREET ADDRESS			TD Y	OWN		VILLAGE		STATE	ZIP
P.O. BOX 1072		EAU	CLAIRE					WI	54702
DATE WORK IS TO BEGIN DATE/TIME REQUESTED FOR TANK		ATCP	93 CERTIFIED INS JUSTIN			ISOR OR	QUALIF	FIED EN	GINEER

PROJECT WILL INVOLVE: (Check all that apply) Plan Approval No.:

Approval Date:

	UST	AST	No. of Tanks	Comments:
Tank Installation				
Dispenser POS Conversion				
Piping Installation or Upgrade				
Leak Detection Upgrade				
Spill or Overfill Protection				
Cathodic Protection or Interior Lining				15K DSL
CERCLA Chemical Tank(s) Only1				1512
Tank Closure	X		1	
Alternative Fuel Storage Tank Installation <sup>2,3,5</sup> (see footnotes below)				
Alternative Fuel Storage Tank Conversion <sup>4,5</sup> (see footnotes below)				TSSA: Cedar Conponation

Send Notice to DATCP (see address above). Installation inspection is not required if construction/installation is supervised by a qualified engineer.

<sup>2</sup>For LPO installations send notice to both the assigned LPO and DATCP General Inspection Inspector. DATCP General Inspection Inspector will be at the final inspection only. Alternative fuel storage tank systems shall not begin operation until the DATCP General Inspection Inspector has granted approval.

<sup>3</sup>For DATCP installation inspections send notice to only the assigned DATCP Installation Inspector. Alternative fuel storage tank systems shall not begin operation until the DATCP general inspector has granted approval.

<sup>4</sup>Send notice to only the DATCP General Inspection Inspector.

<sup>5</sup>See Conditional Approval letter and Notification email for Installation and general inspector information.

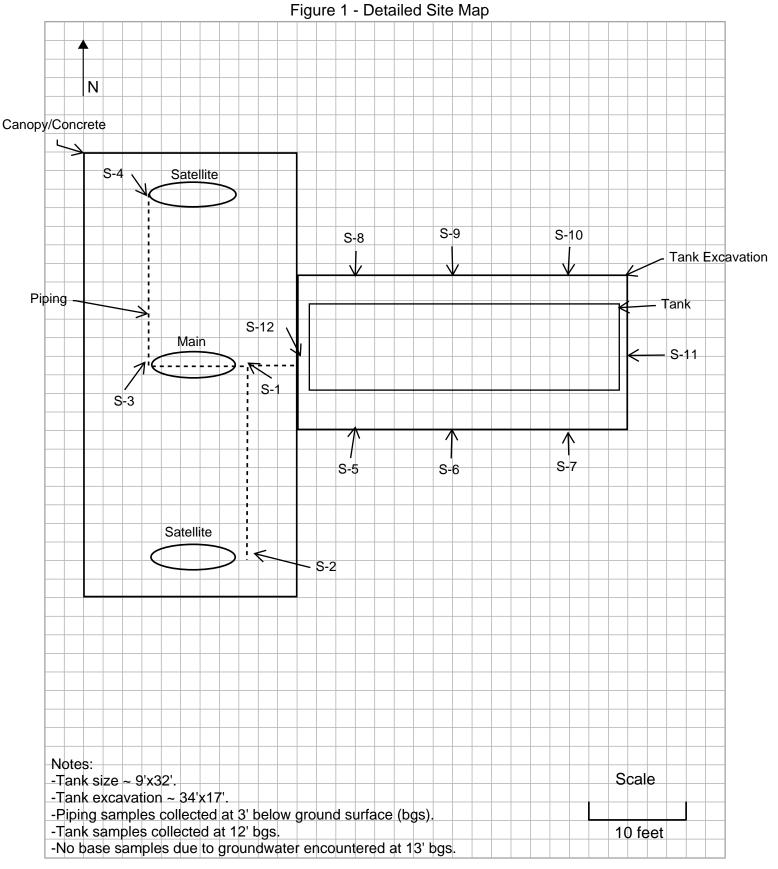
For USTs: If an Owner/Operator intends to begin operation immediately after the final inspection, they shall prepare and submit the documentation listed below at least 15 days prior to the final inspection:

- A TR-WM-137 Underground Flammable/Combustible Liquid Storage Tank Registration.
- A Wisconsin Operator Training Designation form.
- Affidavit of Financial Responsibility, certificate of insurance, and site schedule of covered locations and storage tanks.



604 Wilson Avenue Menomonie, WI 54751 engineering | architecture | environmental | surveying landscape architecture | planning | economic development JOB Millis Transfer LLC

BY QL DATE 6/3/2022





# PHOTOGRAPH LOG

Client Name: Wisconsin Department of Natural Resources Photo No. Date: 1 6/3/2022

Direction Photo Taken:

Northwest

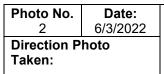
### **Description:**

View of the tank location prior to removal.

Site Location: 3001 State Highway 167, Richfield WI **Project No.** 00590-0009

Wisconsi





East

#### **Description:**

View of the tank during removal.



Photo No. 3	<b>Date:</b> 6/3/2022	
Direction Pho Taken:	oto	
Northwest		
Northwest		
Description:		
	t and a	
15,000-gallon removed from	the Site.	B B3 ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (
<b>Direction Pho</b>	Date: 6/3/2022 Dto	
Taken:		
West		
Description:		
Area of the tai excavation.	nk	

Photo No.         Date:           5         6/3/2022	
Direction Photo Taken:	
South	
Description:	
View of the south sidewall of the tank excavation.	
Photo No.Date: 6/3/2022Direction Photo Taken:	
Southwest	
Description:	
View of the west sidewall of the tank excavation	

Photo No.         Date:           7         6/3/2022	
Direction Photo Taken:	
Northwest	
Description:	
View of the north sidewall of the tank excavation.	
Photo No.         Date:           8         6/3/2022	
Direction Photo Taken:	
Northeast	A PARTICIPAL AND A REAL PROPERTY
Description:	
View of the east sidewall of the tank excavation.	

Photo No. Date:	
9 6/3/2022 Direction Photo Taken:	
North	
Description:	and the second s
View of the pipe excavation running from the main to the northern satellite.	
Photo No. Date:	
10 6/3/2022	
Direction Photo Taken:	
North	A CONTRACT OF A
Description:	and the second of the second
View of the pipe	Contraction of the second seco
excavation running from the main to the	The second se
northern satellite.	

# 🔅 eurofins

# Environment Testing America

# **ANALYTICAL REPORT**

Eurofins Chicago 2417 Bond Street University Park, IL 60484 Tel: (708)534-5200

## Laboratory Job ID: 500-217596-1

Client Project/Site: Richfield Tank Pull

## For:

..... Links

Review your project results through

EOL

Have a Question?

Ask-

The

www.eurofinsus.com/Env

Visit us at:

Expert

Cedar Corporation 1695 Bellevue Street Green Bay, Wisconsin 54311

Attn: Quin Lenz

and m brederich

Authorized for release by: 6/20/2022 7:46:03 AM

Sandie Fredrick, Project Manager II (920)261-1660 Sandra.Fredrick@et.eurofinsus.com

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

# **Table of Contents**

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## Job ID: 500-217596-1

#### Laboratory: Eurofins Chicago

#### Narrative

Job Narrative 500-217596-1

**Case Narrative** 

#### Comments

No additional comments.

#### Receipt

The samples were received on 6/4/2022 9:15 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.6° C.

#### GC/MS VOA

Method 8260B: The following sample was diluted due to the abundance of non-target analytes: S-1 (500-217596-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Job ID: 500-217596-1

# **Detection Summary**

Client: Cedar Corporation Project/Site: Richfield Tank Pull

## **Client Sample ID: S-1**

Lab Sample I	ID: 500-21759	6-1

Chefit Sample ID. 3-1						Lab Sample ID.	500-217590-1
Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac D Method	Prep Type
Ethylbenzene	670		29	21	ug/Kg	100 🐺 8260B	Total/NA
1,2,4-Trimethylbenzene	5700		110	41	ug/Kg	100 🌣 8260B	Total/NA
1,3,5-Trimethylbenzene	2500		110	44	ug/Kg	100 🌣 8260B	Total/NA
Xylenes, Total	3300		57	25	ug/Kg	100 ☆ 8260B	Total/NA
Client Sample ID: S-2						Lab Sample ID:	500-217596-2
No Detections.							
Client Sample ID: S-3						Lab Sample ID:	500-217596-3
No Detections.							
Client Sample ID: S-4						Lab Sample ID:	500-217596-4
No Detections.							
Client Sample ID: S-5						Lab Sample ID:	500-217596-5
No Detections.							
Client Sample ID: S-6						Lab Sample ID:	500-217596-6
No Detections.							
Client Sample ID: S-7						Lab Sample ID:	500-217596-7
No Detections.							
Client Sample ID: S-8						Lab Sample ID:	500-217596-8
No Detections.							
Client Sample ID: S-9						Lab Sample ID:	500-217596-9
No Detections.							
Client Sample ID: S-10						Lab Sample ID: 5	00-217596-10
No Detections.							
Client Sample ID: S-11						Lab Sample ID: 5	00-217596-11
No Detections.							
Client Sample ID: S-12						Lab Sample ID: 5	00-217596-12
Analyte	Result	Qualifier	LOQ		Unit	Dil Fac D Method	Ргер Туре
Ethylbenzene	1100		15		ug/Kg	50 🔅 8260B	Total/NA
Toluene	12	JB	15	8.7	ug/Kg	50 🌣 8260B	Total/NA
1,2,4-Trimethylbenzene	9400		59	21	ug/Kg	50 🌣 8260B	Total/NA
1,3,5-Trimethylbenzene	3100		59	23	ug/Kg	50 🌣 8260B	Total/NA
Xylenes, Total			30		ug/Kg	50 🌣 8260B	

## **Client Sample ID: Trip Blank**

Analyte	Result Qualifier	LOQ	DL Unit	Dil Fac D Method	<b>Р</b> гер Туре
1,2,4-Trimethylbenzene	32 J	50	18 ug/Kg	508260B	Total/NA

This Detection Summary does not include radiochemical test results.

**Eurofins Chicago** 

Lab Sample ID: 500-217596-13

## **Method Summary**

#### Client: Cedar Corporation Project/Site: Richfield Tank Pull

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
5035	Closed System Purge and Trap	SW846	TAL CHI

#### **Protocol References:**

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

#### Laboratory References:

TAL CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

# Sample Summary

## Client: Cedar Corporation Project/Site: Richfield Tank Pull

Job ID:	500-217596-1
---------	--------------

5

6

ab Sample ID	Client Sample ID	Matrix	Collected	Received
00-217596-1	S-1	Solid	06/03/22 12:40	06/04/22 09:15
00-217596-2	S-2	Solid	06/03/22 12:45	06/04/22 09:15
00-217596-3	S-3	Solid	06/03/22 12:50	06/04/22 09:15
00-217596-4	S-4	Solid	06/03/22 12:55	06/04/22 09:15
00-217596-5	S-5	Solid	06/03/22 13:00	06/04/22 09:15
00-217596-6	S-6	Solid	06/03/22 13:03	06/04/22 09:15
00-217596-7	S-7	Solid	06/03/22 13:06	06/04/22 09:15
0-217596-8	S-8	Solid	06/03/22 13:10	06/04/22 09:15
0-217596-9	S-9	Solid	06/03/22 13:15	06/04/22 09:15
00-217596-10	S-10	Solid	06/03/22 13:20	06/04/22 09:15
00-217596-11	S-11	Solid	06/03/22 13:25	06/04/22 09:15
00-217596-12	S-12	Solid	06/03/22 13:30	06/04/22 09:15
00-217596-13	Trip Blank	Solid	06/03/22 10:00	06/04/22 09:15

## Client Sample ID: S-1 Date Collected: 06/03/22 12:40 Date Received: 06/04/22 09:15

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# Lab Sample ID: 500-217596-1

Matrix: Solid Percent Solids: 92.7

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ganic Compou	unds (GC/I	MS)						
Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
<17		29	17	ug/Kg	☆	06/03/22 12:40	06/16/22 12:08	100
670		29	21	ug/Kg	¢	06/03/22 12:40	06/16/22 12:08	100
<45		110	45	ug/Kg	₽	06/03/22 12:40	06/16/22 12:08	100
<38		110	38	ug/Kg	¢	06/03/22 12:40	06/16/22 12:08	100
<17		29	17	ug/Kg	₽	06/03/22 12:40	06/16/22 12:08	100
5700		110	41	ug/Kg	¢	06/03/22 12:40	06/16/22 12:08	100
2500		110	44	ug/Kg	₽	06/03/22 12:40	06/16/22 12:08	100
3300		57	25	ug/Kg	¢	06/03/22 12:40	06/16/22 12:08	100
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
95		72 - 124				06/03/22 12:40	06/16/22 12:08	100
89		75 - 120				06/03/22 12:40	06/16/22 12:08	100
85		75 - 126				06/03/22 12:40	06/16/22 12:08	100
96		75 - 120				06/03/22 12:40	06/16/22 12:08	100
	Result           <17	Result         Qualifier           <17	$\begin{array}{c ccccc} <17 & & 29 \\ \hline 670 & & 29 \\ <45 & & 110 \\ <38 & & 110 \\ <17 & & 29 \\ 5700 & & 110 \\ 2500 & & 110 \\ 3300 & & 57 \\ \hline \\ \hline \% Recovery & Qualifier & Limits \\ \hline 95 & & 72 - 124 \\ \hline 89 & & 75 - 120 \\ \hline 85 & & 75 - 126 \\ \hline \end{array}$	Result         Qualifier         LOQ         DL           <17	Result         Qualifier         LOQ         DL         Unit           <17	Result         Qualifier         LOQ         DL         Unit         D           <17	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$

## Client Sample ID: S-2 Date Collected: 06/03/22 12:45 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1

## Lab Sample ID: 500-217596-2 Matrix: Solid

Percent Solids: 92.2

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.5		15	8.5	ug/Kg	¢	06/03/22 12:45	06/16/22 12:33	50
Ethylbenzene	<11		15	11	ug/Kg	¢	06/03/22 12:45	06/16/22 12:33	50
Methyl tert-butyl ether	<23		58	23	ug/Kg	₽	06/03/22 12:45	06/16/22 12:33	50
Naphthalene	<19		58	19	ug/Kg	¢	06/03/22 12:45	06/16/22 12:33	50
Toluene	<8.5		15	8.5	ug/Kg	¢	06/03/22 12:45	06/16/22 12:33	50
1,2,4-Trimethylbenzene	<21		58	21	ug/Kg	¢	06/03/22 12:45	06/16/22 12:33	50
1,3,5-Trimethylbenzene	<22		58	22	ug/Kg	¢	06/03/22 12:45	06/16/22 12:33	50
Xylenes, Total	<13		29	13	ug/Kg	₽	06/03/22 12:45	06/16/22 12:33	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124				06/03/22 12:45	06/16/22 12:33	50
Dibromofluoromethane (Surr)	89		75 - 120				06/03/22 12:45	06/16/22 12:33	50
1,2-Dichloroethane-d4 (Surr)	84		75 - 126				06/03/22 12:45	06/16/22 12:33	50
Toluene-d8 (Surr)	95		75 - 120				06/03/22 12:45	06/16/22 12:33	50

#### Client Sample ID: S-3 Date Collected: 06/03/22 12:50 Date Received: 06/04/22 09:15

Job ID: 500-217596-1
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#### Lab Sample ID: 500-217596-3 Matrix: Solid

Percent Solids: 91.9

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Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.6		15	8.6	ug/Kg	₽	06/03/22 12:50	06/16/22 12:59	50
Ethylbenzene	<11		15	11	ug/Kg	₽	06/03/22 12:50	06/16/22 12:59	50
Methyl tert-butyl ether	<23		59	23	ug/Kg	¢	06/03/22 12:50	06/16/22 12:59	50
Naphthalene	<20		59	20	ug/Kg	₽	06/03/22 12:50	06/16/22 12:59	50
Toluene	<8.6		15	8.6	ug/Kg	₽	06/03/22 12:50	06/16/22 12:59	50
1,2,4-Trimethylbenzene	<21		59	21	ug/Kg	¢	06/03/22 12:50	06/16/22 12:59	50
1,3,5-Trimethylbenzene	<22		59	22	ug/Kg		06/03/22 12:50	06/16/22 12:59	50
Xylenes, Total	<13		29	13	ug/Kg	₽	06/03/22 12:50	06/16/22 12:59	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124				06/03/22 12:50	06/16/22 12:59	50
Dibromofluoromethane (Surr)	87		75 - 120				06/03/22 12:50	06/16/22 12:59	50
1,2-Dichloroethane-d4 (Surr)	84		75 - 126				06/03/22 12:50	06/16/22 12:59	50
Toluene-d8 (Surr)	98		75 - 120				06/03/22 12:50	06/16/22 12:59	50

#### Client Sample ID: S-4 Date Collected: 06/03/22 12:55 Date Received: 06/04/22 09:15

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#### Lab Sample ID: 500-217596-4 Matrix: Solid

Percent Solids: 91.9

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Method: 8260B - Volatile O	rganic Compoι	unds (GC/	MS)						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.6		15	8.6	ug/Kg	₽	06/03/22 12:55	06/16/22 13:25	50
Ethylbenzene	<11		15	11	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
Methyl tert-butyl ether	<23		59	23	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
Naphthalene	<20		59	20	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
Toluene	<8.6		15	8.6	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
1,2,4-Trimethylbenzene	<21		59	21	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
1,3,5-Trimethylbenzene	<22		59	22	ug/Kg	\$	06/03/22 12:55	06/16/22 13:25	50
Xylenes, Total	<13		29	13	ug/Kg	¢	06/03/22 12:55	06/16/22 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124				06/03/22 12:55	06/16/22 13:25	50
Dibromofluoromethane (Surr)	86		75 - 120				06/03/22 12:55	06/16/22 13:25	50
1,2-Dichloroethane-d4 (Surr)	85		75 - 126				06/03/22 12:55	06/16/22 13:25	50
Toluene-d8 (Surr)	96		75 - 120				06/03/22 12:55	06/16/22 13:25	50

#### Client Sample ID: S-5 Date Collected: 06/03/22 13:00 Date Received: 06/04/22 09:15

Job	ID:	500-21759	96-1

#### Lab Sample ID: 500-217596-5 Matrix: Solid

Percent Solids: 91.4

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Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.6		15	8.6	ug/Kg	₽	06/03/22 13:00	06/16/22 13:51	50
Ethylbenzene	<11		15	11	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
Methyl tert-butyl ether	<23		59	23	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
Naphthalene	<20		59	20	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
Toluene	<8.7		15	8.7	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
1,2,4-Trimethylbenzene	<21		59	21	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
1,3,5-Trimethylbenzene	<22		59	22	ug/Kg	¢	06/03/22 13:00	06/16/22 13:51	50
Xylenes, Total	<13		30	13	ug/Kg	₽	06/03/22 13:00	06/16/22 13:51	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		72 - 124				06/03/22 13:00	06/16/22 13:51	50
Dibromofluoromethane (Surr)	87		75 - 120				06/03/22 13:00	06/16/22 13:51	50
1,2-Dichloroethane-d4 (Surr)	85		75 - 126				06/03/22 13:00	06/16/22 13:51	50
Toluene-d8 (Surr)	96		75 - 120				06/03/22 13:00	06/16/22 13:51	50

#### Client Sample ID: S-6 Date Collected: 06/03/22 13:03 Date Received: 06/04/22 09:15

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#### Lab Sample ID: 500-217596-6 Matrix: Solid

Percent Solids: 92.2

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Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.4		14	8.4	ug/Kg	☆	06/03/22 13:03	06/16/22 14:17	50
Ethylbenzene	<11		14	11	ug/Kg	¢	06/03/22 13:03	06/16/22 14:17	50
Methyl tert-butyl ether	<23		58	23	ug/Kg	₽	06/03/22 13:03	06/16/22 14:17	50
Naphthalene	<19		58	19	ug/Kg	₽	06/03/22 13:03	06/16/22 14:17	50
Toluene	<8.5		14	8.5	ug/Kg	¢	06/03/22 13:03	06/16/22 14:17	50
1,2,4-Trimethylbenzene	<21		58	21	ug/Kg	¢	06/03/22 13:03	06/16/22 14:17	50
1,3,5-Trimethylbenzene	<22		58	22	ug/Kg	₽	06/03/22 13:03	06/16/22 14:17	50
Xylenes, Total	<13		29	13	ug/Kg	¢	06/03/22 13:03	06/16/22 14:17	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 124				06/03/22 13:03	06/16/22 14:17	50
Dibromofluoromethane (Surr)	85		75 - 120				06/03/22 13:03	06/16/22 14:17	50
1,2-Dichloroethane-d4 (Surr)	83		75 - 126				06/03/22 13:03	06/16/22 14:17	50
Toluene-d8 (Surr)	97		75 - 120				06/03/22 13:03	06/16/22 14:17	50

#### Client Sample ID: S-7 Date Collected: 06/03/22 13:06 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1

#### Lab Sample ID: 500-217596-7 Matrix: Solid

Percent Solids: 91.4

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Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.6		15	8.6	ug/Kg	¢	06/03/22 13:06	06/16/22 14:42	50
Ethylbenzene	<11		15	11	ug/Kg	₽	06/03/22 13:06	06/16/22 14:42	50
Methyl tert-butyl ether	<23		59	23	ug/Kg	₽	06/03/22 13:06	06/16/22 14:42	50
Naphthalene	<20		59	20	ug/Kg	₽	06/03/22 13:06	06/16/22 14:42	50
Toluene	<8.6		15	8.6	ug/Kg	₽	06/03/22 13:06	06/16/22 14:42	50
1,2,4-Trimethylbenzene	<21		59	21	ug/Kg	¢	06/03/22 13:06	06/16/22 14:42	50
1,3,5-Trimethylbenzene	<22		59	22	ug/Kg	₽	06/03/22 13:06	06/16/22 14:42	50
Xylenes, Total	<13		29	13	ug/Kg	¢	06/03/22 13:06	06/16/22 14:42	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		72 - 124				06/03/22 13:06	06/16/22 14:42	50
Dibromofluoromethane (Surr)	87		75 - 120				06/03/22 13:06	06/16/22 14:42	50
1,2-Dichloroethane-d4 (Surr)	84		75 - 126				06/03/22 13:06	06/16/22 14:42	50
Toluene-d8 (Surr)	97		75 - 120				06/03/22 13:06	06/16/22 14:42	50

#### Client Sample ID: S-8 Date Collected: 06/03/22 13:10 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1

#### Lab Sample ID: 500-217596-8 Matrix: Solid

Percent Solids: 92.8

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Method: 8260B - Volatile O Analyte	•	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.5		14	8.5	ug/Kg	— <u> </u>	06/03/22 13:10	06/16/22 15:08	50
Ethylbenzene	<11		14	11	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
Methyl tert-butyl ether	<23		58	23	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
Naphthalene	<19		58	19	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
Toluene	<8.5		14	8.5	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
1,2,4-Trimethylbenzene	<21		58	21	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
1,3,5-Trimethylbenzene	<22		58	22	ug/Kg		06/03/22 13:10	06/16/22 15:08	50
Xylenes, Total	<13		29	13	ug/Kg	¢	06/03/22 13:10	06/16/22 15:08	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124				06/03/22 13:10	06/16/22 15:08	50
Dibromofluoromethane (Surr)	89		75 - 120				06/03/22 13:10	06/16/22 15:08	50
1,2-Dichloroethane-d4 (Surr)	86		75 - 126				06/03/22 13:10	06/16/22 15:08	50
Toluene-d8 (Surr)	98		75 - 120				06/03/22 13:10	06/16/22 15:08	50

#### Client Sample ID: S-9 Date Collected: 06/03/22 13:15 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1
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#### Lab Sample ID: 500-217596-9 Matrix: Solid

Percent Solids: 90.1

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.9		15	8.9	ug/Kg	₽	06/03/22 13:15	06/16/22 15:33	50
Ethylbenzene	<11		15	11	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
Methyl tert-butyl ether	<24		61	24	ug/Kg	₽	06/03/22 13:15	06/16/22 15:33	50
Naphthalene	<20		61	20	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
Toluene	<8.9		15	8.9	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
1,2,4-Trimethylbenzene	<22		61	22	ug/Kg	¢	06/03/22 13:15	06/16/22 15:33	50
1,3,5-Trimethylbenzene	<23		61	23	ug/Kg		06/03/22 13:15	06/16/22 15:33	50
Xylenes, Total	<13		30	13	ug/Kg	₽	06/03/22 13:15	06/16/22 15:33	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		72 - 124				06/03/22 13:15	06/16/22 15:33	50
Dibromofluoromethane (Surr)	86		75 - 120				06/03/22 13:15	06/16/22 15:33	50
1,2-Dichloroethane-d4 (Surr)	83		75 - 126				06/03/22 13:15	06/16/22 15:33	50
Toluene-d8 (Surr)	96		75 - 120				06/03/22 13:15	06/16/22 15:33	50

#### Client Sample ID: S-10 Date Collected: 06/03/22 13:20 Date Received: 06/04/22 09:15

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#### Lab Sample ID: 500-217596-10 Matrix: Solid

Percent Solids: 91.7

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Method: 8260B - Volatile O	rganic Compoι	u <mark>nds (GC</mark> /	MS)						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.7		15	8.7	ug/Kg	<u></u>	06/03/22 13:20	06/16/22 15:58	50
Ethylbenzene	<11		15	11	ug/Kg	₽	06/03/22 13:20	06/16/22 15:58	50
Methyl tert-butyl ether	<24		60	24	ug/Kg	₽	06/03/22 13:20	06/16/22 15:58	50
Naphthalene	<20		60	20	ug/Kg	₽	06/03/22 13:20	06/16/22 15:58	50
Toluene	<8.8		15	8.8	ug/Kg	₽	06/03/22 13:20	06/16/22 15:58	50
1,2,4-Trimethylbenzene	<21		60	21	ug/Kg	₽	06/03/22 13:20	06/16/22 15:58	50
1,3,5-Trimethylbenzene	<23		60	23	ug/Kg	⇔	06/03/22 13:20	06/16/22 15:58	50
Xylenes, Total	<13		30	13	ug/Kg	¢	06/03/22 13:20	06/16/22 15:58	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 124				06/03/22 13:20	06/16/22 15:58	50
Dibromofluoromethane (Surr)	84		75 - 120				06/03/22 13:20	06/16/22 15:58	50
1,2-Dichloroethane-d4 (Surr)	84		75 - 126				06/03/22 13:20	06/16/22 15:58	50
Toluene-d8 (Surr)	99		75 - 120				06/03/22 13:20	06/16/22 15:58	50

#### Client Sample ID: S-11 Date Collected: 06/03/22 13:25 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1
000		000 2110000 1

#### Lab Sample ID: 500-217596-11 Matrix: Solid

Percent Solids: 90.8

Method: 8260B - Volatile Or	ganic Compo	unds (GC/	MS)						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.8		15	8.8	ug/Kg	<u>ф</u>	06/03/22 13:25	06/16/22 16:23	50
Ethylbenzene	<11		15	11	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
Methyl tert-butyl ether	<24		60	24	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
Naphthalene	<20		60	20	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
Toluene	<8.9		15	8.9	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
1,2,4-Trimethylbenzene	<22		60	22	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
1,3,5-Trimethylbenzene	<23		60	23	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
Xylenes, Total	<13		30	13	ug/Kg	¢	06/03/22 13:25	06/16/22 16:23	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		72 - 124				06/03/22 13:25	06/16/22 16:23	50
Dibromofluoromethane (Surr)	89		75 - 120				06/03/22 13:25	06/16/22 16:23	50
1,2-Dichloroethane-d4 (Surr)	87		75 - 126				06/03/22 13:25	06/16/22 16:23	50
Toluene-d8 (Surr)	96		75 - 120				06/03/22 13:25	06/16/22 16:23	50

## **Client Sample Results**

#### Client Sample ID: S-12 Date Collected: 06/03/22 13:30 Date Received: 06/04/22 09:15

Job	ID:	500-217596-1
000		000 2110000 1

#### Lab Sample ID: 500-217596-12 Matrix: Solid

Percent Solids: 91.7

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Method: 8260B - Volatile O	rganic Compo	unds (GC/	MS)						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.6		15	8.6	ug/Kg	₽	06/03/22 13:30	06/16/22 16:50	50
Ethylbenzene	1100		15	11	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
Methyl tert-butyl ether	<23		59	23	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
Naphthalene	<20		59	20	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
Toluene	12	JB	15	8.7	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
1,2,4-Trimethylbenzene	9400		59	21	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
1,3,5-Trimethylbenzene	3100		59	23	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
Xylenes, Total	3100		30	13	ug/Kg	¢	06/03/22 13:30	06/16/22 16:50	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		72 - 124				06/03/22 13:30	06/16/22 16:50	50
Dibromofluoromethane (Surr)	88		75 - 120				06/03/22 13:30	06/16/22 16:50	50
1,2-Dichloroethane-d4 (Surr)	86		75 - 126				06/03/22 13:30	06/16/22 16:50	50
Toluene-d8 (Surr)	99		75 - 120				06/03/22 13:30	06/16/22 16:50	50

## **Client Sample Results**

#### **Client Sample ID: Trip Blank** Date Collected: 06/03/22 10:00 Date Received: 06/04/22 09:

Date Collected: 06/03/22 10:00								watrix	: Solia
Date Received: 06/04/22 09:15									
Method: 8260B - Volatile Orga	nic Compo	unds (GC/M	S)						
Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<7.3		13	7.3	ug/Kg		06/03/22 10:00	06/16/22 17:17	50

					•	•	
<7.3		13	7.3	ug/Kg	06/03/22 10:00	06/16/22 17:17	50
<9.2		13	9.2	ug/Kg	06/03/22 10:00	06/16/22 17:17	50
<20		50	20	ug/Kg	06/03/22 10:00	06/16/22 17:17	50
<17		50	17	ug/Kg	06/03/22 10:00	06/16/22 17:17	50
<7.4		13	7.4	ug/Kg	06/03/22 10:00	06/16/22 17:17	50
32 、	J	50	18	ug/Kg	06/03/22 10:00	06/16/22 17:17	50
<19		50	19	ug/Kg	06/03/22 10:00	06/16/22 17:17	50
<11		25	11	ug/Kg	06/03/22 10:00	06/16/22 17:17	50
%Recovery	Qualifier Li	mits			Prepared	Analyzed	Dil Fac
97	72	2 - 124			06/03/22 10:00	06/16/22 17:17	50
86	75	5 - 120			06/03/22 10:00	06/16/22 17:17	50
85	75	5-126			06/03/22 10:00	06/16/22 17:17	50
96	75	- 120			06/03/22 10:00	06/16/22 17:17	50
	<9.2 <20 <17 <7.4 <b>32</b> <19 <11 <b>%Recovery</b> 97 86 85	<9.2 <20 <17 <7.4 <b>32</b> J <19 <11 <i>%Recovery</i> Qualifier Li 97 72 86 75 85 75	$\begin{array}{cccc} & < 9.2 & & 13 \\ < 20 & & 50 \\ < 17 & & 50 \\ < 7.4 & & 13 \\ \hline & 32 & J & 50 \\ < 19 & & 50 \\ < 11 & & 25 \\ \hline \\ \hline & \frac{\% Recovery}{97} & \frac{Qualifier}{72 - 124} \\ \hline & 86 & & 75 - 120 \\ \hline & 85 & & 75 - 126 \\ \hline \end{array}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	<9.2	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

#### Lab Sample ID: 500-217596-13 Matrix: Solid

7 13

## **Definitions/Glossary**

8

## Qualifiers

GC/MS VO	Α	
Qualifier	Qualifier Description	
В	Compound was found in the blank and sample.	
J	Reported value was between the limit of detection and the limit of quantitation.	5

## Glossary

Clossury	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# GC/MS VOA

#### Prep Batch: 661137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217596-1	S-1	Total/NA	Solid	5035	
500-217596-2	S-2	Total/NA	Solid	5035	
500-217596-3	S-3	Total/NA	Solid	5035	
500-217596-4	S-4	Total/NA	Solid	5035	
500-217596-5	S-5	Total/NA	Solid	5035	
500-217596-6	S-6	Total/NA	Solid	5035	
500-217596-7	S-7	Total/NA	Solid	5035	
500-217596-8	S-8	Total/NA	Solid	5035	
500-217596-9	S-9	Total/NA	Solid	5035	
500-217596-10	S-10	Total/NA	Solid	5035	
500-217596-11	S-11	Total/NA	Solid	5035	
500-217596-12	S-12	Total/NA	Solid	5035	
500-217596-13	Trip Blank	Total/NA	Solid	5035	
LB3 500-661137/21-A	Method Blank	Total/NA	Solid	5035	
LCS 500-661137/22-A	Lab Control Sample	Total/NA	Solid	5035	
500-217596-2 MS	S-2	Total/NA	Solid	5035	
500-217596-2 MSD	S-2	Total/NA	Solid	5035	

#### Analysis Batch: 661273

Lab Sample ID LB3 500-661137/21-A	Client Sample ID Method Blank	Prep Type Total/NA	Matrix Solid	Method 8260B	Prep Batch 661137
MB 500-661273/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-661137/22-A	Lab Control Sample	Total/NA	Solid	8260B	661137 1
LCS 500-661273/4	Lab Control Sample	Total/NA	Solid	8260B	

#### Analysis Batch: 661438

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
500-217596-1	S-1	Total/NA	Solid	8260B	661137
500-217596-2	S-2	Total/NA	Solid	8260B	661137
500-217596-3	S-3	Total/NA	Solid	8260B	661137
500-217596-4	S-4	Total/NA	Solid	8260B	661137
500-217596-5	S-5	Total/NA	Solid	8260B	661137
500-217596-6	S-6	Total/NA	Solid	8260B	661137
500-217596-7	S-7	Total/NA	Solid	8260B	661137
500-217596-8	S-8	Total/NA	Solid	8260B	661137
500-217596-9	S-9	Total/NA	Solid	8260B	661137
500-217596-10	S-10	Total/NA	Solid	8260B	661137
500-217596-11	S-11	Total/NA	Solid	8260B	661137
500-217596-12	S-12	Total/NA	Solid	8260B	661137
500-217596-13	Trip Blank	Total/NA	Solid	8260B	661137
MB 500-661438/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-661438/4	Lab Control Sample	Total/NA	Solid	8260B	
500-217596-2 MS	S-2	Total/NA	Solid	8260B	661137
500-217596-2 MSD	S-2	Total/NA	Solid	8260B	661137

## **General Chemistry**

## Analysis Batch: 659958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217596-1	S-1	Total/NA	Solid	Moisture	
500-217596-2	S-2	Total/NA	Solid	Moisture	

## **QC Association Summary**

## **General Chemistry (Continued)**

## Analysis Batch: 659958 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217596-3	S-3	Total/NA	Solid	Moisture	
500-217596-4	S-4	Total/NA	Solid	Moisture	
500-217596-5	S-5	Total/NA	Solid	Moisture	
500-217596-6	S-6	Total/NA	Solid	Moisture	
500-217596-7	S-7	Total/NA	Solid	Moisture	
500-217596-8	S-8	Total/NA	Solid	Moisture	
500-217596-9	S-9	Total/NA	Solid	Moisture	
500-217596-10	S-10	Total/NA	Solid	Moisture	
500-217596-11	S-11	Total/NA	Solid	Moisture	
500-217596-12	S-12	Total/NA	Solid	Moisture	

## **Surrogate Summary**

# Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

## Prep Type: Total/NA

			Pe	rcent Surre	ogate Recovery	(Acceptance Limit
		BFB	DBFM	DCA	TOL	
_ab Sample ID	Client Sample ID	(72-124)	(75-120)	(75-126)	(75-120)	
00-217596-1	S-1	95	89	85	96	
00-217596-2	S-2	96	89	84	95	
0-217596-2 MS	S-2	96	90	83	99	
0-217596-2 MSD	S-2	96	88	82	99	
0-217596-3	S-3	96	87	84	98	
0-217596-4	S-4	96	86	85	96	
0-217596-5	S-5	98	87	85	96	
0-217596-6	S-6	97	85	83	97	
0-217596-7	S-7	98	87	84	97	
0-217596-8	S-8	96	89	86	98	
)-217596-9	S-9	98	86	83	96	
)-217596-10	S-10	97	84	84	99	
0-217596-11	S-11	100	89	87	96	
0-217596-12	S-12	101	88	86	99	
0-217596-13	Trip Blank	97	86	85	96	
33 500-661137/21-A	Method Blank	108	102	107	97	
CS 500-661137/22-A	Lab Control Sample	103	108	110	98	
CS 500-661273/4	Lab Control Sample	109	105	110	111	
CS 500-661438/4	Lab Control Sample	90	91	81	98	
IB 500-661273/6	Method Blank	112	106	107	98	
IB 500-661438/6	Method Blank	97	86	84	98	

#### Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

## Method: 8260B - Volatile Organic Compounds (GC/MS)

#### Lab Sample ID: LB3 500-661137/21-A Matrix: Solid Analysis Batch: 661273

	LB3 L	B3							
Analyte	Result Q	ualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<7.3		13	7.3	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
Naphthalene	<17		50	17	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
Toluene	9.92 J		13	7.4	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
Xylenes, Total	<11		25	11	ug/Kg		06/14/22 11:30	06/15/22 15:59	50
	LB3 L	B3							

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		72 - 124	06/14/22 11:30	06/15/22 15:59	50
Dibromofluoromethane (Surr)	102		75 - 120	06/14/22 11:30	06/15/22 15:59	50
1,2-Dichloroethane-d4 (Surr)	107		75 - 126	06/14/22 11:30	06/15/22 15:59	50
Toluene-d8 (Surr)	97		75 - 120	06/14/22 11:30	06/15/22 15:59	50

#### Lab Sample ID: LCS 500-661137/22-A Matrix: Solid Analysis Batch: 661273

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	2500	2570		ug/Kg		103	70 - 120
Ethylbenzene	2500	2540		ug/Kg		101	70 - 123
Methyl tert-butyl ether	2500	2870		ug/Kg		115	55 - 123
Naphthalene	2500	3400		ug/Kg		136	53 - 144
Toluene	2500	2440		ug/Kg		98	70 - 125
1,2,4-Trimethylbenzene	2500	2590		ug/Kg		103	70 - 123
1,3,5-Trimethylbenzene	2500	2650		ug/Kg		106	70 - 123
Xylenes, Total	5000	5000		ug/Kg		100	70 - 125

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		72 - 124
Dibromofluoromethane (Surr)	108		75 - 120
1,2-Dichloroethane-d4 (Surr)	110		75 - 126
Toluene-d8 (Surr)	98		75 - 120

#### Lab Sample ID: 500-217596-2 MS Matrix: Solid Analysis Batch: 661438

Analysis Batch: 661438	Sample	Sample	Spike	MS	MS				Prep Batch: 661137 %Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<8.5		2900	2680		ug/Kg	¢	92	70 - 120
Ethylbenzene	<11		2900	2940		ug/Kg	¢	101	70 - 123
Methyl tert-butyl ether	<23		2900	2310		ug/Kg	¢	80	55 - 123
Naphthalene	<19		2900	2370		ug/Kg	₽	82	53 - 144
Toluene	<8.5		2900	2790		ug/Kg	¢	96	70 - 125
1,2,4-Trimethylbenzene	<21		2900	2930		ug/Kg	¢	101	70 - 123
1,3,5-Trimethylbenzene	<22		2900	3060		ug/Kg	₽	105	70 - 123
Xylenes, Total	<13		5800	5690		ug/Kg	¢	98	70 - 125

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**Client Sample ID: S-2** 

**Prep Type: Total/NA** 

5 6 7

11 12

#### **Client Sample ID: Method Blank** Prep Type: Total/NA Prep Batch: 661137

**Client Sample ID: Lab Control Sample** 

Prep Type: Total/NA Prep Batch: 661137

ug/Kg	106	70 - 123	
ug/Kg	100	70 - 125	

## **QC Sample Results**

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		72 - 124
Dibromofluoromethane (Surr)	90		75 - 120
1,2-Dichloroethane-d4 (Surr)	83		75 - 126
Toluene-d8 (Surr)	99		75 - 120

#### Lab Sample ID: 500-217596-2 MSD Matrix: Solid Analysis Batch: 661438

Analysis Batch: 661438									Prep Ba	atch: 60	61137
-	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<8.5		2900	2450		ug/Kg	¢	85	70 - 120	9	30
Ethylbenzene	<11		2900	2720		ug/Kg	¢	94	70 - 123	8	30
Methyl tert-butyl ether	<23		2900	2120		ug/Kg	¢	73	55 - 123	9	30
Naphthalene	<19		2900	2630		ug/Kg	¢	91	53 - 144	10	30
Toluene	<8.5		2900	2640		ug/Kg	¢	91	70 - 125	6	30
1,2,4-Trimethylbenzene	<21		2900	2720		ug/Kg	¢	94	70 - 123	7	30
1,3,5-Trimethylbenzene	<22		2900	2830		ug/Kg	¢	98	70 - 123	8	30
Xylenes, Total	<13		5800	5250		ug/Kg	¢	90	70 - 125	8	30
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								

	III OD	MICD.	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		72 - 124
Dibromofluoromethane (Surr)	88		75 - 120
1,2-Dichloroethane-d4 (Surr)	82		75 - 126
Toluene-d8 (Surr)	99		75 - 120

< 0.38

< 0.22

## Lab Sample ID: MB 500-661273/6 **Matrix: Solid**

1,3,5-Trimethylbenzene

Xylenes, Total

#### Analysis Batch: 661273 MB MB Analyte **Result Qualifier** LOQ DL Unit D Prepared Analyzed Dil Fac Benzene <0.15 0.25 0.15 ug/Kg 06/15/22 12:46 0.18 ug/Kg Ethylbenzene <0.18 0.25 06/15/22 12:46 Methyl tert-butyl ether < 0.39 1.0 0.39 ug/Kg 06/15/22 12:46 Naphthalene < 0.33 1.0 0.33 ug/Kg 06/15/22 12:46 Toluene <0.15 0.25 0.15 ug/Kg 06/15/22 12:46 1,2,4-Trimethylbenzene 06/15/22 12:46 < 0.36 1.0 0.36 ug/Kg

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		72 - 124		06/15/22 12:46	1
Dibromofluoromethane (Surr)	106		75 - 120		06/15/22 12:46	1
1,2-Dichloroethane-d4 (Surr)	107		75 - 126		06/15/22 12:46	1
Toluene-d8 (Surr)	98		75 - 120		06/15/22 12:46	1

1.0

0.50

0.38 ug/Kg

0.22 ug/Kg

#### Lab Sample ID: LCS 500-661273/4 **Client Sample ID: Lab Control Sample** Matrix: Solid Prep Type: Total/NA Analysis Batch: 661273 Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits Benzene 50.0 46.9 94 70 - 120 ug/Kg

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11

1

1

1

1

1

1

1

1

Job ID: 500-217596-1

**Client Sample ID: S-2** 

Prep Type: Total/NA

#### **Client Sample ID: Method Blank** Prep Type: Total/NA

06/15/22 12:46

06/15/22 12:46

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## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

#### Lab Sample ID: LCS 500-661273/4 Matrix: Solid

#### Analysis Batch: 661273

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Ethylbenzene	50.0	49.6		ug/Kg		99	70 - 123
Methyl tert-butyl ether	50.0	45.4		ug/Kg		91	55 - 123
Naphthalene	50.0	61.1		ug/Kg		122	53 - 144
Toluene	50.0	49.4		ug/Kg		99	70 - 125
1,2,4-Trimethylbenzene	50.0	52.0		ug/Kg		104	70 - 123
1,3,5-Trimethylbenzene	50.0	54.1		ug/Kg		108	70 - 123
Xylenes, Total	100	97.3		ug/Kg		97	70 - 125

	LCS LCS					
Surrogate	%Recovery	Qualifier	Limits			
4-Bromofluorobenzene (Surr)	109		72 - 124			
Dibromofluoromethane (Surr)	105		75 - 120			
1,2-Dichloroethane-d4 (Surr)	110		75 - 126			
Toluene-d8 (Surr)	111		75 - 120			

#### Lab Sample ID: MB 500-661438/6 Matrix: Solid Analysis Batch: 661438

	MB MB							
Analyte Re	sult Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene <	0.15	0.25	0.15	ug/Kg			06/16/22 11:41	1
Ethylbenzene <	).18	0.25	0.18	ug/Kg			06/16/22 11:41	1
Methyl tert-butyl ether <	).39	1.0	0.39	ug/Kg			06/16/22 11:41	1
Naphthalene <	).33	1.0	0.33	ug/Kg			06/16/22 11:41	1
Toluene <	0.15	0.25	0.15	ug/Kg			06/16/22 11:41	1
1,2,4-Trimethylbenzene <	0.36	1.0	0.36	ug/Kg			06/16/22 11:41	1
1,3,5-Trimethylbenzene <	).38	1.0	0.38	ug/Kg			06/16/22 11:41	1
Xylenes, Total <	).22	0.50	0.22	ug/Kg			06/16/22 11:41	1

	МВ	ΜΒ			
Surrogate	%Recovery	Qualifier	Limits	Prepared Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 124	06/16/22 11:41	1
Dibromofluoromethane (Surr)	86		75 - 120	06/16/22 11:41	1
1,2-Dichloroethane-d4 (Surr)	84		75 - 126	06/16/22 11:41	1
Toluene-d8 (Surr)	98		75 - 120	06/16/22 11:41	1

#### Lab Sample ID: LCS 500-661438/4 Matrix: Solid Analysis Batch: 661438

#### **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

**Client Sample ID: Method Blank** 

Prep Type: Total/NA

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	50.0	54.3		ug/Kg		109	70 - 120	
Ethylbenzene	50.0	60.0		ug/Kg		120	70 - 123	
Methyl tert-butyl ether	50.0	46.0		ug/Kg		92	55 - 123	
Naphthalene	50.0	48.3		ug/Kg		97	53 - 144	
Toluene	50.0	56.1		ug/Kg		112	70 - 125	
1,2,4-Trimethylbenzene	50.0	59.1		ug/Kg		118	70 - 123	
1,3,5-Trimethylbenzene	50.0	61.4		ug/Kg		123	70 - 123	
Xylenes, Total	100	117		ug/Kg		117	70 - 125	

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12 13

Toluene-d8 (Surr)

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

98

Lab Sample ID: LCS 500- Matrix: Solid Analysis Batch: 661438	Client Sample ID: Lab Contro Prep Type:			
Analysis Batch. 001430	LCS	LCS		
Surrogate	%Recovery	Qualifier	Limits	
4-Bromofluorobenzene (Surr)	90		72 - 124	
Dibromofluoromethane (Surr)	91		75 - 120	
1,2-Dichloroethane-d4 (Surr)	81		75 - 126	

75 - 120

12

#### Lab Sample ID: 500-217596-1 Client Sample ID: S-1 Date Collected: 06/03/22 12:40 Matrix: Solid Date Received: 06/04/22 09:15 Batch Dilution Batch Batch Prepared Method Factor or Analyzed Prep Type Type Run Number Analyst Lab Total/NA 06/06/22 12:08 LWN TAL CHI Analysis Moisture 659958 **Client Sample ID: S-1** Lab Sample ID: 500-217596-1 Date Collected: 06/03/22 12:40 Matrix: Solid Date Received: 06/04/22 09:15 Percent Solids: 92.7 Batch Batch Dilution Batch Prepared Prep Type Type Method Run Factor Number or Analyzed Analyst Lab Total/NA Prep 5035 661137 06/03/22 12:40 WRF TAL CHI Total/NA Analysis 8260B 100 661438 06/16/22 12:08 W1T TAL CHI **Client Sample ID: S-2** Lab Sample ID: 500-217596-2 Date Collected: 06/03/22 12:45 Matrix: Solid Date Received: 06/04/22 09:15 Dilution Batch Batch Batch Prepared Method Run Factor or Analyzed Prep Type Type Number Analyst Lab Total/NA 659958 06/06/22 12:08 LWN TAL CHI Analysis Moisture 1 **Client Sample ID: S-2** Lab Sample ID: 500-217596-2 Date Collected: 06/03/22 12:45 Matrix: Solid Date Received: 06/04/22 09:15 Percent Solids: 92.2 Batch Batch Dilution Batch Prepared Factor Method Number or Analyzed Prep Type Туре Run Analyst Lab Total/NA 5035 06/03/22 12:45 WRE TAL CHI Prep 661137 Total/NA Analvsis 8260B 50 661438 06/16/22 12:33 W1T TAL CHI **Client Sample ID: S-3** Lab Sample ID: 500-217596-3 Date Collected: 06/03/22 12:50 Matrix: Solid Date Received: 06/04/22 09:15 Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor Number or Analyzed Analyst Lab 06/06/22 12:08 Total/NA 659958 LWN TAL CHI Analysis Moisture 1 **Client Sample ID: S-3** Lab Sample ID: 500-217596-3 Date Collected: 06/03/22 12:50 Matrix: Solid Date Received: 06/04/22 09:15 Percent Solids: 91.9 Batch Batch Dilution Batch Prepared Prep Type Type Method Run Factor Number or Analyzed Analyst Lab Total/NA Prep 5035 661137 06/03/22 12:50 WRE TAL CHI Total/NA 8260B 661438 06/16/22 12:59 TAL CHI Analysis 50 W1T **Client Sample ID: S-4** Lab Sample ID: 500-217596-4 Date Collected: 06/03/22 12:55 Matrix: Solid Date Received: 06/04/22 09:15 Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor Number or Analyzed Analyst Lab Total/NA TAL CHI Analysis Moisture 659958 06/06/22 12:08 LWN

## Lab Chronicle

			L	.ab Chro	onicle				
lient: Cedar C	•							Job	ID: 500-217596-1
Project/Site: Ri	ichfield Tank	Pull							
Client Samp	ple ID: S-4						Lab Sa	mple ID:	500-217596-4
Date Collected									Matrix: Solid
Date Received								Per	cent Solids: 91.9
_	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Prep	5035			661137				
Total/NA	Analysis	8260B		50		06/16/22 13:25		TAL CHI	
- Olionat Comu							1 ab 04		500 047500 F
Client Samp							Lab Sa	mple ושו:	500-217596-5
Date Collected Date Received									Matrix: Solid
	J. UU/U4/22 U	9.10							
	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	-
Total/NA	Analysis	Moisture		1	659958	06/06/22 12:08	LWN	TAL CHI	
Client Samp	ole ID: S-5						Lab Sa	mple ID:	500-217596-5
Date Collected		3:00							Matrix: Solid
Date Received								Per	cent Solids: 91.4
_	Potek			Dilation	Detak	Decement			
Bron Tuno	Batch	Batch Method	Dun	Dilution	Batch	Prepared	Analyst	l ab	
Prep Type Total/NA	Prep	5035	Run	Factor	661137	or Analyzed 06/03/22 13:00	Analyst WRE	- Lab TAL CHI	
Total/NA	Analysis	8260B		50		06/03/22 13:00		TAL CHI	
_	-								
Client Samp							Lab Sa	imple ID:	500-217596-6
Date Collected									Matrix: Solid
Date Received	d: 06/04/22 0	9:15							
-	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	Moisture		1	659958	06/06/22 12:08	LWN	TAL CHI	
_ Client Samp	nla ID: S.6						Lah Sa	mnle ID:	500-217596-6
Date Collecter		2.03						inpic is.	Matrix: Solid
Date Conected								Per	cent Solids: 92.2
		0.10							
	Batch	Batch		Dilution	Batch	•			
Prep Type	Туре	Method	Run	Factor	Number	•	Analyst	Lab	
Total/NA	Prep	5035						TAL CHI	
Total/NA	Analysis	8260B		50	661438	06/16/22 14:17	W1T	TAL CHI	
Client Samp	ple ID: S-7						Lab Sa	mple ID:	500-217596-7
Date Collected		3:06							Matrix: Solid
Date Received									
_	Datab	Detak		Dilution	Detek	Dura manad			
Data Trans	Batch	Batch	Dura	Dilution	Batch	Prepared	Amahaat	Lah	
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	659958	06/06/22 12:08	LWN	TAL CHI

Lab Chronicle
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Job ID: 500-217596-1

Client Samp Date Collecter		2.06					Lab Sa	imple ID:	500-217596- Matrix: Sol
Date Collecter								Por	cent Solids: 91
	u. 00/04/22 0	5.15						Tert	cent oonus. 91
	Batch	Batch		Dilution	Batch	Prepared			
Ргер Туре	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Prep	5035			661137			TAL CHI	
Total/NA	Analysis	8260B		50	661438	06/16/22 14:42	W1T	TAL CHI	
Client Samp							Lab Sa	mple ID:	500-217596
ate Collecte									Matrix: Sol
ate Received	d: 06/04/22 0	9:15							
-	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	Moisture		1	659958	06/06/22 12:08	LWN	TAL CHI	
lient Sam	ple ID: S-8						Lab Sa	mple ID:	500-217596
ate Collecte	d: 06/03/22 1	3:10							Matrix: So
Date Received	d: 06/04/22 0	9:15						Perc	cent Solids: 92
-	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Prep	5035			661137	-		TAL CHI	
Total/NA	Analysis	8260B		50	661438	06/16/22 15:08	W1T	TAL CHI	
Client Sam	ple ID: S-9						Lab Sa	mple ID:	500-217596
Date Collecte		3:15							Matrix: So
Date Received	d: 06/04/22 0	9:15							
-	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	Moisture			659958	-		TAL CHI	
lient Sam	ole ID: S-9						Lab Sa	mple ID:	500-217596
ate Collecte		3.15							Matrix: So
Date Received								Perc	cent Solids: 90
-	Patah	Potob		Dilution	Potob	Bronarad			
Prep Type	Batch Type	Batch Method	Run	Factor	Batch Number	•	Analvet	Lab	
Total/NA	Prep	5035				06/03/22 13:15	-	TAL CHI	
Total/NA	Analysis	8260B		50		06/16/22 15:33		TAL CHI	
Client Sam	nle ID: S-1	0					ah San	nole ID: 5	500-217596- <sup>,</sup>
Date Collecter						-			Matrix: So
Date Received									
-	Batch	Batch		Dilution	Patch	Proparad			
Bron Tuno	Batch	Mathad	Bun	Easter	Batch	Prepared			

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	659958	06/06/22 12:08	LWN	TAL CHI

#### **Client Sample ID: S-10** Date Collected: 06/03/22 13:20 Date Received: 06/04/22 09:15

		1						
	Job ID: 500-217596-1	2						
Lab Sample ID: 500-217596-10 Matrix: Solid								
	Percent Solids: 91.7	4						
Analyst		5						
20 WRE 58 W1T	TAL CHI TAL CHI	6						
Lab Sar	nple ID: 500-217596-11 Matrix: Solid	7						
		8						
-		8 9						
08 LWN	- Lab TAL CHI nple ID: 500-217596-11	8 9 10						
08 LWN	TAL CHI	8 9 10 11						
Lab Sar	TAL CHI mple ID: 500-217596-11 Matrix: Solid Percent Solids: 90.8	8 9 10 11 12						
Lab Sar Lab Sar Analyst WRE	TAL CHI mple ID: 500-217596-11 Matrix: Solid Percent Solids: 90.8 Lab TAL CHI	8 9 10 11 12 13						
<b>d <u>Analyst</u></b> 25 WRE 23 W1T	TAL CHI mple ID: 500-217596-11 Matrix: Solid Percent Solids: 90.8 Lab TAL CHI TAL CHI TAL CHI	8 9 10 11 12 13 14						
Lab Sar Lab Sar Analyst WRE 23 W1T	TAL CHI mple ID: 500-217596-11 Matrix: Solid Percent Solids: 90.8 Lab TAL CHI	8 9 10 11 12 13 14 15						

Γ	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Prep	5035			661137	06/03/22 13:20	WRE	TAL CHI	
Total/NA	Analysis	8260B		50	661438	06/16/22 15:58	W1T	TAL CHI	
<b>Client Sam</b>	ple ID: S-1	1				L	.ab Sar	nple ID:	500-217596-11
Date Collecte	d: 06/03/22 1	3:25							Matrix: Solid
Date Receive	d: 06/04/22 0	9:15							
Г	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	Moisture			659958	06/06/22 12:08	LWN	TAL CHI	
Client Sam		1					ah Sar		500-217596-11
Date Collecte								inhie in.	
Date Collecte								Do	Matrix: Solid rcent Solids: 90.8
	u. 06/04/22 0	9.15						Pe	icent 30105. 90.0
	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	_
Total/NA	Prep	5035			661137	06/03/22 13:25	WRE	TAL CHI	
Total/NA	Analysis	8260B		50	661438	06/16/22 16:23	W1T	TAL CHI	
<b>Client Sam</b>	ple ID: S-1	2				L	.ab San	nple ID:	500-217596-12
Date Collecte									Matrix: Solid
Date Received									
Г	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	Moisture		1	659958	06/06/22 12:08	LWN	TAL CHI	_
<b>Client Sam</b>	ple ID: S-1	2				1	ab San	nple ID:	500-217596-12
Date Collecte									Matrix: Solid
Date Received								Pe	rcent Solids: 91.7
	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Prep	5035			661137	06/03/22 13:30	WRE	TAL CHI	
Total/NA	Analysis	8260B		50	661438	06/16/22 16:50	W1T	TAL CHI	
<b>Client Sam</b>	ple ID: Trip	Blank				L	.ab San	nple ID:	500-217596-13
Date Collecte	d: 06/03/22 1	0:00						-	Matrix: Solid
Date Receive									
Г	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Prep	5035			661137	06/03/22 10:00	-	TAL CHI	_
Total/NA	Analysis	8260B		50		06/16/22 17:17		TAL CHI	
	Analysis	52000		50	001400	00/10/22 11.11	** 1 1		

#### Laboratory References:

TAL CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

## Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-22

#### **Eurofins** Chicago

## Chain of Custody Record

2417 Bond Street University Park IL 60484 Phone 708-534-5200 Fax 708-534-5211

Client Information	Sampler Qui	n Le	ハモ		drick Sa	indie		Carrier Tra	acking No(s 16 059	7833	6 5	OC No <sup>.</sup> 00-101813-44117 2	
Client Contact: Quin Lenz	Phone (920)	309-4	1197	E-Ma San		drick@et.e	eurofinsus com	State of O	nigir W	l	P P	age age 🚛 / of 2	2
Company Cedar Corporation	hannan an hanna hanna an	ľ	PWS D		Ι	1979.00 (1999.00 (1999.00 (1999.00 (1999.00 (1999.00 (1999.00 (1999.00 (1999.00 (1999.00 (1999.00 (1999.00 (19	Analysis R	equested			JC	** 500-2175	96
Address. 1695 Bellevue Street	Due Date Request	Stanu	ir b								A	reservation Codes M Hexan	an a
City Green Bay State Zip	TAT Requested (d	endhr	9					F	Eur		C C	NaOH O AsNaC Zn Auetate P Na2O4 Nitric Acid O Na2O4	IS
WI 54311 Phone	Compliance Projec	ct ∆Yes ∆	No							e K	F	MeOH R Na2S2	:03 4
715-235-9081(Tel) Email	Purchase Order	r not required			( No)			500 0			Н	Ascorbic Acid U Aceton Ice V MCAA	
quin lenz@cedarcorp.com Project Name	Project#		20,007,007,000,000,000,000,000,000,000,0		le (Yes or es or No)			1	217596 C(	рс	Stevil F	DI Water V INCAA EDTA V DH 4-5 EDA Y Izma EDA Z other (s	5
RICHFIELD TANK PULL Sie	50006556 SSOW#			*****	Sample ISD (Yes	IAP					no to	ther.	spouryj
		Sample	Sample Type (C=comp,	Matrix (W=water S=solid, D=waste/oll, ST=Tissue, A=Air)	Filtered m MS/M	82608 - PVOC+NAP					Total Number of containers	ана (алан таан таан таан таан таан таан таан	944094094094094094094094094094094094
Sample Identification	Sample Date	Time	G=grab)			836					Ę.	Special Instruction	s/Note
5-1	6/3/22	1240	G	Solid	H)	$\lambda$	hand have the second	1-1-1-1	<u> </u>	<u> </u>	KY-		
8-2		1245		Solid		×							
S-3		1250		Solid		<u>x</u>				ļ			
5-4		1255	_	Solid		M				<u>                                      </u>	<u> </u>		
5-5		1300		Solid		<u>K</u>				<u> </u>	<u> </u>		1944 - 1947 - 1947 - 1946 - 1947 - 1946 - 1947 - 1947 - 1947 - 1947 - 1947 - 1947 - 1947 - 1947 - 1947 - 1947 -
S-4		1303		Solid		<u> </u>			<b>  </b>		<u></u>		
<u>S-7</u>		1306		5/12		<u>×                                     </u>							
<u>S-8</u> S-9		1310				<u>メ</u> メ		+					
S-10		1320				7					ndari Y		
8-11		1325				$\frac{1}{\gamma}$							
Possible Hazard Identification	on B 🕅 Unkr	nown 🗆 F	Radiological	*****					i <b>f sampi</b> By Lab	es are re	tained Archiv	longer than 1 month) /e For Mont	ths
Deliverable Requested 1 II III IV Other (specify)		Data				iciai Instru	ictions/QC Requirem		od of Shipn	Nant-			
Empty Kit Relinquished by Relinquished by	Date/T m/s 27	Date	1535	Company Ch	Time	Receired by	icmul Hemo		,	Tima	4127	1 0915 Company	10
Relinquished by	Date/1 me:	- 1980 -		Company	<u>r</u>	Received by	MUL HEIN	mine		<u>U</u> 1⁴ ∕™me	TLL	2 0915 EET Company	
Reinquished by	Date/Time			Company		Received by	(		Date	/Time		Company	
Custody Seals Intact. Custody Seal No	<u></u>					Cooler *emp	perature(s) °C and Other	Remarks	43-	इ-5म	4.6	+3 b	

#### **Eurofins Chicago**

2417 Bond Street

## Chain of Custody Record

University Park IL 60484 Phone 708-534-5200 Fax 708-534-5211

Client Information	Sampler Qui	n U 309-9	na	Lab F Fred		Sandie				Carrier T	racking	No(s) <b>5 79:</b>	326	COC No: 500-101813-441	17 1
Client Contact. Quin Lenz	Phone 920	309-4	1197	E-Mai San		educk	Met eur	ofinsus co		State of 0	Drigin' Logi			Page Page 44052	
Company			PWSID <sup>.</sup>	Journ		Contonie	wettean	*****		<u> </u>					217596
Cedar Corporation Address.	Due Date Request	ed Cla	L	7				Anal	ysis Ree	queste		<u> </u>	1	Preservation Coc	
1695 Bellevue Street		STU	ndarc	Į										A HCL	M Hexane
City Green Bay	TAT Requested (d	ays	1.10	1	10									B NaOH C Zn Acetate	N None O AsNaO2
State Zip		STAN	ida/ u	, - 										D Nitric Acid E NaHSO4	P Na2O4S Q Na2SO3
WI 54311 Phone.	Compliance Project	ct: A res	A NO											F MeOH	R Na2S2O3 S H2SO4
715-235-9081(Tel)	Purchase Order	r not require	ed		6									G Amchlor H Ascorbic Acid	<ul> <li>TSP Dodecahydrate</li> <li>U Acetone</li> </ul>
Emai quin lenz@cedarcorp com	WO #				S OF N No)								68	I Ice J DI Water	V MCAA W pH 4-5
Project Name	Project #	909191919191919191919191919191919191919			Yes								lhór	K EDTA L EDA	Y Tizma Z other specify
RICHFIELD TANK PULL Sie	50006556 SSOW#				ple Yes								onte	Other	2 other specify
					Sampi SD (Y	NAP							010		
			Sample	Matrix	Field Filtered Sample (Ye Perform MS/MSD (Yos or	PVOC+NAP							Total Number of containers		
		Comple	Туре	(W≂water S≃uotid,	E PIN	d B							1 Nu		
Sample Identification	Sample Date	Sample Time	(C=comp, G=grab)	Orwaste/oil, BT-Tissue, A=Air)	Field   Perfor	8260B							Tota	Special In	structions/Note
		> <	A Townson	ition Code:		(N			<u>İ</u>		11				
S-12 Trip Blank	6/3/22	1330	6	Solid		K									
Trip Blank	11	10.00	6	Solid		7		ļ							
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Possible Hazard Identification	<u></u>	·3			Sa	mple	Disposa	al ( A fee	may be a	ssesse	d if sar	nples ar	e retaii	ned longer than 1 hive For	month)
Non-Hazard Flammable Skin Irritant Pois	son B 🗡 Unkr	nown 🛄	Radiologica	1		Re	eturn To	Client	<u> </u>	bisposal	By Lat	b r	Arc	hive For	Months
Deliverable Requested 1 II III IV Other (specify)					Sp	eciai li	nstructio	ons/QC R	equireme						
Empty Kit Relingu shed by		Date			Time							hipment.			
Relinquished by	Later me:	122	1535	Company	~	Receiv	wed by	ome	HUM	mel	UN	Date/Time	414	122 0915	Company EEHA
Relinguished by	Date/*ime			Company		Receiv	ved by				V	Date/Time	ACALES (2003)2539775777777777		Company
Relinquished by	Date/*ime			Company		Receiv	ved by					Date/Time <sup>.</sup>			Company
Custody Seals Intact: Custody Seal No						Cocier	r Tempera	iture(s) °C a	and Other Re	emarks			and and a second second	ann de la companya da comp	

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## Login Sample Receipt Checklist

#### **Client: Cedar Corporation**

#### Login Number: 217596 List Number: 1 Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>True</td> <td></td>	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

List Source: Eurofins Chicago

	<b>OSI</b> Environmental, Inc. STRAIGHT	BILL OF I	LADING	GMO- 4866
В		S		
I L	Advanced Tank Service #6497	H	Millis Transfer	
L	Pick-up 4 drums diesel	sludge	3001 Holy Hill Rd	
т	East Side of Bldg.	F	Richfield, WI 53076	
0	Phone number:	M Phone number:	-	

# The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on route to said destination. It is mutually agree, as to each carrier of all or any of said property over all or any portion of said route to destination, as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

Route: BEST WAY		
Delivery Carrier: 🔲 OSI Environmental, Inc.	US DOT Hazmat Reg. Number: MNT 28	0011586
Alternate Carrier:	US DOT Hazmat Reg. Number:	13
Number of		
Packages HM Description of articles		ERG
RQ, UN1203, Flammable Liquid, N.C	D.S. 3 PG II	100
Gasoline for Recycle		128
APPROXIMATE GALLONS:		
Designated Facility OSI ENVIRONMENTAL, 912 TESCH	CT WALKESHA WI 53186	
Specialty Product for Recycle		
Mineral Oil PG III (NON PCB:	PPM)	128
APPROXIMATE GALLONS:		
Designated Facility OSI ENVIRONMENTAL, 912 TESCH	CT., WAUKESHA, WI 53186	
Specialty Product for Recycle		
Mineral Oil PG III (NON PCB:	PPM)	128
APPROXIMATE GALLONS:		
Designated Facility OSI ENVIRONMENTAL, 912 TESCH	CT., WAUKESHA, WI 53186	
RQ, UN1202, Fuel Oil, Combustible I	Liquid PG III	
Surplus Fuel for Recycling	DIESECLUDUE	128
APPROXIMATE GALLONS: 220	DIE SLUDBE	
Designated Facility OSI ENVIRONMENTAL, 912 TESCH	CT., WAUKESHA, WI 53186	
This is to certify that the above-named materials are properly classified, described, part to the applicable regulations of The Department of Transportation.	ackaged, marked and labeled, and is in proper condition for transporta	tion according
Placards Required:	Placards Supplied:NOEuroished By (	Carrier
		11
Shipper Signature: DOB IV Laller	Carrier Signature:	
Date: 6 13 - 22	Received By has make	Date 613.22
CUSTOMER PROJECT NUMBER:		
UNIT #:	OSI Environmental, Inc. 800-732-5667 912 Tesch Court EPA # WIR00014739 Waukesha, WI 53186	7 WDNR #14740
OSI TANK NUMBER:		
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