

From: <u>Eric Likens</u>
To: <u>Cross, Steve</u>

Cc: Welch, Garrett; Bruck, Matt; Prezbindowski, Robert; Adam Herrmann

Subject: Heritage 15-Day Notification - Elliott Ditch Levee Remediation

Date: Thursday, April 23, 2020 11:43:28 AM

Mr. Cross,

Pursuant to 40 CFR 761.61 (a)(5)(i)(B)(2)(iv), Environmental Field Services, Inc., on behalf of Arconic Lafayette Operations (the generator), is providing written notice of the shipment of bulk PCB remediation waste to Heritage Environmental's Roachdale, Indiana Subtitle C landfill. As provided in the waste profile dated March 24, 2020, approximately 3,300 tons of PCB-impacted soil with PCB concentrations ≥50 mg/kg will be shipped to the above-referenced facility beginning in mid-May 2020. The highest total PCB concentration detected during delineation activities was 94.20 mg/kg Should you have any questions, please contact me at (317) 409-3242.

Eric

Eric Likens

Remedial Construction Manager Environmental Field Services, Inc. 1302 N Meridian St., Suite 310 Indianapolis, IN 46202 Office: 317.896.1116

Cell: 317.409.3242 elikens@envfield.com

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Please review instructions before completing this form.

Heritage Use Only Quote#	WS#
Business Type:	
Repeatable:	Non-Repeatable: ⊠
Product Code: 211	

TSD: Coolidge, AZ \square	Indianapolis,	, IN ☐ Ka	ansas Ci	ty, MO 🗆	Road	chdale, IN 🛚	HTS □		Rineco 🗆	
1. GENERATOR SITE INFORMATION	(Heritage # 14168)			2.	2. BILLING INFORMATION (Heritage # 82007)					
Generator Name: Arconic, Inc				Cu	Customer Name: Environmental Field Services, Inc					
Address: 3131 Main St							leridian, Ste 31	.0		
City, State: Lafayette, IN					,,	Indianapolis	,			
Zip, County: 47905, Tippecanoe	11					/: 46202, Ha				
Tech. Contact Name: Matt Bruck (Co	· · · · · · · · · · · · · · · · · · ·					me: Accoun	ts Payable			
Phone: 513 309-1966	Fax:					7 896-1116		Fax	ζ:	
24 HR Emergency No.: 800 326-1222					nail Addr	ess: ayable@envi	fiold com			
24 HR Emergency Contact: Heritage						-			. \	
Email Address: mbruck@cecinc.com								rent from gene	rator)	
						me: Lindley				
US EPA ID Number: IND 005 478 094	4				<u> </u>	Name: Arcon				
State ID Numbers:				Ad	ddress: 31	131 East Ma	in St			
LQG □ SQG ⊠	CESQG/VSQG □	Non-Haz	ardous	⊠ Cit	ty, State,	Zip: Lafayet	te, IN 47905			
Generator Status Originates in a Foreign	Country									
Foreign Address (if diff	ferent from above):									
4. Generator SIC Code	If SIC 28, 2911, 33:	12. or 4953. wh	at is th	e Total Annu	ual If 3	3312. genera	ated from Coke	Oven Byprodu	uct	
3354	Benzene (TAB) in Me				I	covery Oper		_	No ⊠	
5. Common Name: PCB Remediatio	n Waste Soil from the	Elliott Ditch Le	vee Re	mediation	<u> </u>	, ,				
6. Process Generating Waste: Remo					e IRM pr	roiect				
7. DOT Description: RQ, UN3432, Po					•		0G 171 (PO =	116)		
7. DOT Description. RQ, 0143432, PC	orychionated biphenyi	s, sona, mixture	e, 9, FC	ill (PCB Ke	mediatio	on waste, Er	171 (NQ -	1 10.,		
8. Identify US EPA waste codes: N/A	A									
9. Identify state waste codes: N/A										
9. Identify state waste codes: N/A 10. Universal Waste? Federal	Yes □ No ☒ St	ate Yes 🗆	No ⊠	Identify	Type:					
10. Universal Waste? Federal				,		s □ No	o □ NA ⊠	If yes, list in	Section 13.	
10. Universal Waste? Federal 11. D001-D043, F001-F005, or F039				nt?	Ye			If yes, list in	Section 13.	
10. Universal Waste? Federal 11. D001-D043, F001-F005, or F039 12. US EPA Form Code: W301	underlying or hazardo	us constituents	s prese	nt?	Ye: S EPA Sou	urce Code: G	i44	•		
10. Universal Waste? Federal 11. D001-D043, F001-F005, or F039 12. US EPA Form Code: W301 13. Waste Composition: Using spec	underlying or hazardo	ous constituents	s prese	nt? Us	Yes S EPA Sou sition, list	urce Code: G	i 44 lents present ii	n the wastestre	eam, and	
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Common Name (same as Section a	# 5) PCB Remediation Waste	Soil from the Elliott Ditch	Levee	Remediation						
16. Check all that apply. Marking any of these may require additional documentation or follow up information for approval.										
16a. Potential High Hazards	Air Reactive	Autoignitable		Cyanide		Explosive				
Metal Fines	Metal Powders	Organic Peroxides		Oxidizers		Peroxide Forming				
Pyrophoric \square	Self-Heating	Shock Sensitive		Spontaneously		Sulfide				
Temp. Control Required	Temp Sensitive	Water Reactive		Combustible		Not Applicable	\boxtimes			
16b. Other Properties	Aerosols \square	Ammonia		Asbestos		Carcinogen				
Chelating Agent	Compressed Gas	DEA Controlled Substance		Dioxins, Furans		Herbicide				
Insecticide \square	Lab Pack	Medical		Pathogen/Infectious		Pesticide				
Pharmaceutical/Alcohol 🗆	Polymerizable \Box	Radioactive		Sanitary/Biological		Sharps				
	•					Not Applicable	\boxtimes			
16c . Used oil? (40 CFR 279)						Yes □	No ⊠			
Used Oil mixed with hazardous wa	aste?					Yes □	No □			
Total Halogens (TX) concentration	?				< 1000 F	PPM □ > 100	D PPM □			
16d. PCBs? (40 CFR 761) Yes	⊠ No □	If yes, PCB con	centra	ition? (PPM) 0-4	19 🗆	50-499 🛛	>=500 🗆			
16e. Subject to Subpart CC? (40 C		26 gal. 500ppmw VOC)		, , ,		Yes □	No ⊠			
16f. Subject to Benzene NESHAP of						Yes □	No ⊠			
Benzene Concentration 10 PPM of	·	> ₁				Yes □	No ⊠			
Greater than 10% moisture?						Yes □	No □			
16g. Is this waste subject to 40 CF	R part 63 Subpart GGG (Pha	rmaceutical Products)?				Yes □	No ⊠			
16h. Do any regulatory exclusions			ion			Yes 🗆	No ⊠			
16i. Additional Comments/Special						Yes ⊠	No □			
16j . Does this material require any			condit	ions spill clean-up sa	mnling o		No ⊠			
If yes, explain.			conun	ions, spili clean-up, sa	inpling, e		NO 🖾			
16k . Is this material overpacked o	r in a salvage container? If y	es, explain.				Yes 🗆	No ⊠			
16l. Does the packaging have inne	r containers? If yes, explain	l.				Yes □	No 🛛			
16m. Does this material have pote	ential to build pressure in the	e container? If yes, explain				Yes □	No ⊠			
16n. Have the containers been sto	ored outside? If yes, condition	on of containers?				Yes □	No ⊠			
160. Has this material been reject	ed by another facility? If yes	s, explain.				Yes □	No ⊠			
16p. Does this waste have any und	<u> </u>	· ·	which	could affect the way i	t should		No ⊠			
handled? If yes, attach detailed e	•	oracinto associatea mininto,								
17. Transporter: Heritage Transp		ow) 🗌 18. Packaging	Siz	ze	Size		Size			
Transporter Name:		· ·		Cylinder \square		Tote (Metal)				
Address:		Bulk Solid	Dun	np Drum 🗆		Tote (Poly)				
City, State, Zip		Cu Yd Bag/Box								
Contact/Phone		19. Volume: 2	2 T /Sh	ipment 1	50 / Year					
US EPA ID No.		20. Check or list att	achme	nts: Lab Data 🛚	Cylinder F	orms 🗆 Pack	ing List \square			
				SDS 🗆		(list) 🗌				
21. CERTIFICATION: Sign and date the ce and attached documentation contains true, offered for approval. All relevant informatio Thermal Services, Inc., or Rineco Chemical I apply to this form, to all attachments check all labels on the inner and outer container necessary to characterize material in the lab	accurate and complete descriptions in regarding known or suspected haz industries, LLC, of any changes in ge ed in section 20, and to the land dis s, and all information recorded on	s of this material. Any sample submaterials in the possession of the gene enerator status, any information o posal restriction notification (LDR) the packing inventory sheet for e	nitted fo rator ha n this fo general ach Lab	r analysis or attached labora is been disclosed. I will notify rm, or any information on tl ted from this information. Fo Pack, correctly identifies th	tory data is Heritage E ne attachm or Lab Pack e containe	representative of the ma invironmental Services, L ents. This certification ar s only: To the best of my d chemicals where testir	terial being .C, Heritage d signature knowledge,			
Simoture State Legtunder	Dol Do	hart A Draghindayyalri	- (02/24/2020 -	Δ	rconic Inc.				
Signature: 22. COMPLETE THIS SECTION FOR NO	Printed Name: 100	bert A. Prezbindowski		J3/24/2020 Compa listed waste? (U, P, K, or	iiiy.		N. 57			
				, , , , ,			No ⊠			
22b. This waste is not characteristically	y nazardous for D001-D043 bas	ed on attached lab data (LD), TCLP SEMI-VOLATILI			, ,	erator knowledge (GK) k PESTICIDES				
	018 Benzene LD	D023 o-Cresol			12 Endrin	LD				
	019 Carbon Tetrachloride LD	D024 m-Cresol			13 Lindane					
	021 Chlorobenzene LD 022 Chloroform LD	D025 p-Cresol D026 Cresol			14 Methox 15 Toxaphe	·				
	028 1,2-Dichloroethane LD	D027 1,4-Dichlorobe	nzene		16 2,4-D	LD LD				
D004 Arsenic LD D	029 1,1-Dichloroethylene LD	D030 2,4-Dinitrotolu	ene	LD D0	17 2,4,5-TP	(Silvex) LD				
	035 Methyl Ethyl Ketone LD	D032 Hexachlorober			20 Chlorda					
	039 Tetrachloroethylene LD LD	D033 Hexachlorobut D034 Hexachloroeth		LD DO	31 Heptach	nlor <u>LD</u>				
	043 Vinyl Chloride LD	D036 Nitrobenzene	-	LD						
D009 Mercury LD		D037 Pentachloroph	enol	LD						
D010 Selenium LD D011 Silver LD		D038 Pyridine D041 2,4,5-Trichloro	nhenal	LD LD						
EU LU		D041 2,4,5-Trichloro		LD						

TSCA Material Offsite Disposal Summary by Load Elliott Ditch Levee Interim Measures Post Construction Report Arconic Lafayette Operations, Lafayette, Indiana

Shipping Date	Disposal Date	Manifest Number	Disposal Weight (Tons)
5/27/2020	5/27/2020	001094675WAS	23.16
5/27/2020	5/27/2020	001094676WAS	23.21
5/27/2020	5/27/2020	001094677WAS	20.8
5/27/2020	5/27/2020	001094678WAS	24.89
		001094679WAS	24.44
5/27/2020	5/27/2020		
5/27/2020	5/27/2020	001094680WAS	21.12
5/27/2020	5/27/2020	001094681WAS	21.55
5/27/2020	5/27/2020	001094682WAS	24.6
5/27/2020	5/27/2020	001094683WAS	22.77
5/28/2020	5/28/2020	001094685WAS	27.58
5/28/2020	5/28/2020	001094686WAS	20.82
5/28/2020	5/28/2020	001094687WAS	23.36
5/28/2020	5/28/2020	001094688WAS	28.56
5/28/2020	5/28/2020	001094689WAS	29.07
5/28/2020	5/28/2020	001094690WAS	22.81
5/28/2020	5/28/2020	001094691WAS	23.3
5/28/2020	5/28/2020	001094692WAS	23.21
5/28/2020	5/28/2020	001094693WAS	23.06
5/28/2020	5/28/2020	001094694WAS	23.95
5/28/2020	5/28/2020	001094695WAS	24.5
5/28/2020	5/28/2020	001094696WAS	23.16
5/28/2020	5/28/2020	001094697WAS	23.39
5/28/2020	5/28/2020	001094698WAS	24.98
5/28/2020	5/28/2020	001094699WAS	24.42
5/29/2020	5/29/2020	001094700WAS	25.06
5/29/2020	5/29/2020	001094701WAS	23.26
5/29/2020	5/29/2020	001094702WAS	22.22
5/29/2020	5/29/2020	001094703WAS	23.89
5/29/2020	5/29/2020	001094704WAS	21.33
5/29/2020	5/29/2020	001094705WAS	20.62
5/29/2020	5/29/2020	001094706WAS	24.03
5/29/2020	5/29/2020	001094707WAS	26.14
5/29/2020	5/29/2020	001094708WAS	25.45
5/29/2020	5/29/2020	001094709WAS	25.12
5/29/2020	5/29/2020	001094710WAS	25.4
5/29/2020	5/29/2020	001094711WAS	23.7
5/29/2020	5/29/2020	001094712WAS	24.99
5/29/2020	5/29/2020	001094713WAS	22.44
5/29/2020	5/29/2020	001094714WAS	23.08
6/1/2020	6/1/2020	001094715WAS	23.01
6/1/2020	6/1/2020	001094716WAS	23.27
6/1/2020	6/1/2020	001094717WAS	24.25

TSCA Material Offsite Disposal Summary by Load Elliott Ditch Levee Interim Measures Post Construction Report Arconic Lafayette Operations, Lafayette, Indiana

Shipping Date	Disposal Date	Manifest Number	Disposal Weight (Tons)
6/1/2020	6/1/2020	001094718WAS	20.16
6/1/2020	6/1/2020	001094718WAS 001094719WAS	23.84
6/1/2020	6/1/2020	001094719WAS 001094720WAS	24.05
6/1/2020	6/1/2020	001094720WAS 001094721WAS	23.09
6/1/2020	6/1/2020	001094721WAS 001094722WAS	22.46
6/1/2020	6/1/2020	001094722WAS 001094723WAS	23.78
6/1/2020	6/1/2020	001094724WAS	23.01
6/1/2020	6/1/2020	001094724WAS 001094725WAS	24.01
6/1/2020	6/1/2020	001094725WAS 001094726WAS	25.9
6/1/2020	6/1/2020	001094727WAS	24.49
6/1/2020	6/1/2020	001094727WAS 001094728WAS	23.36
		001094728WAS 001094729WAS	
6/1/2020	6/1/2020	001094729WAS 001094730WAS	29.3
6/1/2020	6/1/2020		24.95
6/1/2020	6/1/2020	001094731WAS	28.57
6/1/2020	6/1/2020	001094732WAS	23.93
6/2/2020	6/2/2020	001094733WAS	24.82
6/2/2020	6/2/2020	001094734WAS	23.98
6/2/2020	6/2/2020	001094735WAS	23.49
6/2/2020	6/2/2020	001094736WAS	22.12
6/2/2020	6/2/2020	001094737WAS	25.73
6/2/2020	6/2/2020	001094738WAS	23.85
6/2/2020	6/2/2020	001094739WAS	20.75
6/2/2020	6/2/2020	001094740WAS	21.28
6/2/2020	6/2/2020	001094741WAS	18.88
6/2/2020	6/2/2020	001094742WAS	21.7
6/2/2020	6/2/2020	001094743WAS	24.11
6/2/2020	6/2/2020	001094744WAS	23.98
6/2/2020	6/2/2020	001094745WAS	22.48
6/2/2020	6/2/2020	001094746WAS	24.41
6/2/2020	6/2/2020	001094747WAS	23.43
6/2/2020	6/2/2020	001094748WAS	25.99
6/2/2020	6/2/2020	001094749WAS	22.69
6/2/2020	6/2/2020	001094750WAS	22.97
6/2/2020	6/2/2020	001094751WAS	19.73
6/3/2020	6/3/2020	001094752WAS	24.51
6/3/2020	6/3/2020	001094753WAS	23.8
6/3/2020	6/3/2020	001094754WAS	24.73
6/3/2020	6/3/2020	001094755WAS	23.61
6/3/2020	6/3/2020	001094756WAS	23.3
6/3/2020	6/3/2020	001094757WAS	24.32
6/3/2020	6/3/2020	001094758WAS	21.61
6/3/2020	6/3/2020	001094759WAS	24.06
6/3/2020	6/3/2020	001094760WAS	24.63

TSCA Material Offsite Disposal Summary by Load Elliott Ditch Levee Interim Measures Post Construction Report Arconic Lafayette Operations, Lafayette, Indiana

Shipping Date	Disposal Date	Manifest Number	Disposal Weight (Tons)
6/3/2020	6/3/2020	001094761WAS	25.4
6/3/2020	6/3/2020	001094762WAS	24.19
6/3/2020	6/4/2020	001094763WAS	34.61
6/5/2020	6/5/2020	001094764WAS	22.22
6/5/2020	6/5/2020	001094765WAS	23.05
6/5/2020	6/5/2020	001094766WAS	21.96
6/5/2020	6/5/2020	001094767WAS	20.44
6/5/2020	6/5/2020	001094768WAS	23.39
6/5/2020	6/5/2020	001094769WAS	23.58
6/5/2020	6/5/2020	001094770WAS	23.83
6/5/2020	20 6/5/2020 001094771WAS		25.55
6/5/2020	6/5/2020	001094772WAS	24.84
6/5/2020	6/5/2020	001094773WAS	23.37
6/5/2020	6/5/2020	001094774WAS	22.71
6/5/2020	6/5/2020	001094775WAS	24.81
6/5/2020	6/5/2020	001094776WAS	19.68
6/5/2020	6/5/2020	001094777WAS	23.82
6/5/2020	6/5/2020	001094778WAS	24.82
6/5/2020	6/5/2020	001094779WAS	23.76
6/5/2020	6/5/2020	001094780WAS	23.72
6/5/2020	6/5/2020	001094781WAS	23.78
6/5/2020	6/5/2020	001094782WAS	22.67
6/8/2020	6/8/2020	001094784WAS	23.13
6/8/2020	6/8/2020	001094785WAS	22.55
6/8/2020	6/8/2020	001094786WAS	26.29
6/8/2020	6/8/2020	001094787WAS	22.93
6/8/2020	6/8/2020	001094788WAS	24.46
6/8/2020	6/8/2020	001094789WAS	20.44
6/15/2020	6/15/2020	001094790WAS	23.35
6/15/2020	6/15/2020	001094791WAS	20.59
		Total	2,725.77

1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997

F 100	se piii	it or type.				105 471	^ =			14.00-76-4		Approved. C	MIB NO. 4	.000-0039	
↑		OKINI HAZAKDOOS	1. Generator ID Nu			2. Page 1 of				4. Manifest	•		N.A.	IA A	
	<u> </u>	STE MANIFEST	IND005	478044		j		0)326				<u>14675</u>	VV	<u>AS</u>	
		erator's Name and Mailin	g Address	LLC / LIND	EY JARRE	- m (an mailing addres	ss) .			`	
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	L.f	AFAYETTE, <u>I</u>	N 4/705 65/771-3	2272 101			LAFAYI	51150	in 4.	7905-227	Z				
		ator's Phone:		4. 8 4.	· · · · · · · · · · · · · · · · · · ·		ante (ā				·····	-	
	1	nsporter 1 Company Nam) F FAT:						U.S. EPA ID Number					
		ERITAGE TRA		LL " MAIL		***************					58484	134			
	7. man	sporter 2 Company Nam	е							U.S. EPA ID N	vurnoer				
	0 Dee	ignated Facility Name an	d Cita Address	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						110 5010	.tt				
		ERITAGE ENV		AL SERVICES	Z-					U.S. EPA ID I	vumber				
	43	370 W COUNT	Y ROAD 12	275 N						IND9	805030	390			
	2	JACHDALE, Ţ	N 46172-1 65/435-2	7573 70 <i>4</i>						1					
	Facility					***************************************					1				
Ш	9a. HM	and Packing Group (if a		Shipping Name, Hazard	I Class, ID Number,		-	10. Contair	T	11. Total Quantity	12. Unit Wt./Vol.	13. W	aste Codes	,	
	11111	1.						No.	Туре	Quantity	VVI.7 VOI.				
용	Х	RQ:UN34 SOLID: MIX	32, POLYC	HLORINATED	BIPHENYL	.\$i.		1	DΤ	50000	K				
Z		SOLID. MIX WASTE).(R@	TURE, 9, P	GIII. (PCB 1	KEMEDIATI	OH		*					l		
GENERATOR	\vdash	<u> </u>	- 1 10/	EUGH1/7				*******			-				
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	一十	3.				····				,					

		4. ·													
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	14. Spe	ecial Handling Instruction	s and Additional Info	ormation	ds 2101	0 8 / 46	72016								
	WG T	ecial Handling Instruction J1 Q1494188 IN SEC 11	IS AN E	STIMATE, E	ARLIEST D	HATE OF	REMOV	AL FR	OM SEI	RVICE 03	57 27	(20)			
	l					Traile							e private no no	ong other sone they	
		K PGB REME ENERATOR'S/OFFERO			TRAILER		NAME OF THE PERSON		The Address of the Ad	RI: HERI			[3341		
	m	narked and labeled/placar	ded, and are in all r	espects in proper condit	ion for transport acc	cording to applica	ıble internatio	nal and nati							
		xporter, I certify that the o certify that the waste min							all augntity ag	narator) is true					
		ator's/Offeror's Printed/Ty						i ani a sina	T duality go	1 1)		Month	n Day	Year	
\downarrow		haif of A				1		the	And	الحال		105	5/27	20	
ب		ernational Shipments	Import to			Export from U.		Port of en	tru/ovit:						
INT'L	Transp	oorter signature (for expo	•		L_	⊐ ∈хрок пош О.	.	Date leavi	•	****					
띪		nsporter Acknowledgmen		ials											
TRANSPORTER	Transpo	orter 1 Printed/Typed Nar	ne .			Signa		. 4	A	•		Month	Day	Year	
SPC	1/2	evin pa	<u> </u>		······			W	IW	<u>v</u>		15	127	7 26	
M	Iransp	orter 2 Printed/Typed Na	me			Sign	ature					Month	n Day	Year	
	40.00		×											<u></u>	
1		crepancy													
	18a. Di	iscrepancy Indication Spa	ice	ntity	Туре		L R∈	esidue		Partial Rej	jection		_ Full Reje	ction	
-	18b Al	ternate Facility (or Gener	ator)		***************************************	<u> </u>	Manifes	t Reference	Number:	U.S. EPA ID I	Vumber				
Ę		. Zomy (or Control								5.5. E. A ID I					
FAC	Facility	's Phone:								1					
	<u> </u>	gnature of Alternate Facil	ity (or Generator)									Mont	h Day	Year	
IAT	ĺ												1	1	
DESIGNATED FACILITY	19. Ha	zardous Waste Report M	anagement Method	Codes (i.e., codes for ha	azardous waste trea	ntment, disposal,	and recycling	systems)				L			
ĕ	1.			2.	····	3.				4.		· · · · · · · · · · · · · · · · · · ·			
ı			H132						/_						
		signated Facility Owner o	r Operator: Certifica	ation of receipt of hazard	ous materials cover	ed by the manife	st except as	noted in ten	183						
	Printed	/Typed Name	Min	BAVA		Sign	ature _		6-			Mont		Year	
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Generator211325Facility9019ARCONIC LAFAYETTE, LLCHERITAGE ENVIRONMENTAL SERVICES3131 MAIN ST4370 W COUNTY ROAD 1275 NLAFAYETTE, IN 47905-2272ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214519

Unit No DT 42-24

Transx 14003518 Gross Weight 80460

Pickup 27-MAY-20 Tare Weight 34140

Container 28947732 30 DT **Net Weight** 46320

Manifest 001094675WAS Scale Date 27-MAY-20

Net Tons 23.16



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214519

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094675WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 27-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	21,010
	Totals	1	21,010

<u> </u>		FORM HAZARDOUS	1. Generator ID Number		2. Page 1 of	3. Emerg	ency Response	Phone	4. Manifest	Tracking N			
		ASTE MANIFEST	IHD005478094		e e e e e e e e e e e e e e e e e e e	₹.	300)326	-1221	Û	0108	14676	W	AS
Ш	5. G	enerator's Name and Mailin	g Address	WOLEY WARRE		Generator	's Site Address	(if different t	an mailing addre	ss)			
	3	131 MAIN ST				3131	MAIN !						
	-5		N 47905-2272 65}771-3191				21132!		7905-227	2			
		erator's Phone: ansporter 1 Company Nam				105 No.9 5 A	80 C S E 10 10	~	U.S. EPA ID I	Number			
	1		MSPORT LLC - RAII						_	58484	114		
	<u></u>	ansporter 2 Company Nam		Bay .					U.S. EPA ID I		-0 vn 1		
		, , ,							1				
		esignated Facility Name an				***************************************	·		U.S. EPA ID I	Number			
	£	ERITAGE ENV 1970 U COUNT	IRONMENTAL SERVI Y ROAO 1275 N	CE5					twos	80503	890		
	ş	YOACHDALE, I	N 46172-9593						100 5 5507 2	20 12 10 T 21	W 1 4		
	Facil	ity's Phone: (7	65)435-2704										
	9a.	9b. U.S. DOT Description and Packing Group (if a	on (including Proper Shipping Name, H	azard Class, ID Number,		<u> </u>	10. Contair		11. Total	12. Unit	13. Wa	ste Codes	;
	НМ	1	117//		····		No.	Туре	Quantity	Wt./Vol.	1	Т	
용	Х	RO, UN34	32, POLYCHLORINAT	ED BIPHENYL	35		1	DT	50000	K			
B		SOLID: MIX	TURE, 9, PGIII, (PC = 1 LR), ERG#171	R MEMEDIALI	UM								
GENERATOR	\vdash	2.	A MIN. 2 / BOTT WATER CO.	······································				······					
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		3.				l						PERSONAL	
		4.								-			
	ŀ												
Ш	14. 8	Special Handling Instruction	s and Additional Information	d = 210	036 Kc 1	4047	010						
Ш	ŴĖ	ST IN SEC 11	s and Additional Information T#14003520 TS AN ESTIMATE.	EAKLIEST D	HATE OF	REMO	JVÁL FR	OM SEA	RVICE 05	5/27	120		
	l		DIATION WASTE	Trailer			12-2		ERI:HERI			.3341	899]
	15.	GENERATOR'S/OFFERO	R'S CERTIFICATION: I hereby declar	e that the contents of this	consignment	are fully an	d accurately des	scribed abov	e by the proper sh	nipping name	e, and are classif	fied, packa	iged,
			ded, and are in all respects in proper of contents of this consignment conform to					onal governn	nental regulations	. If export sh	ipment and I am	the Prima	ıry
Ш			mization statement identified in 40 CF				b) (if I am a sma	Il quantity ge	nerator) is true.				
			ped Name Conner He			nature	1, 11	All	1		Month سرم ا	•	Year 20
Ľ		elva E o Enternational Shipments		ayette, LL	7			<u>un</u>			105	27	120
N.	Tran	sporter signature (for expo	lmport to U.S. rts only):	L	Export from U	J.S.	Port of ent Date leavi	-	1				
		ransporter Acknowledgmen									·		
TRANSPORTER	Trans	sporter 1 Printed/Typed Na	CORY MUAN	1	Sig I	nature	l. Iki		-		Month	Day OZ	Year Sullo
SP	Trans	sporter 2 Printed/Typed Na			Sia	nature	444				Month	Day	Year
R		•			1						1	1	1
<u></u>	18. E)iscrepancy		**************************************		· -				***************************************			
	18a.	Discrepancy Indication Spa	ace Quantity	Туре			Residue		Partial Re	jection		Full Reje	ction
			•						•	•		•	
<u> </u>	18h	Alternate Facility (or Gener	ator	0.70	and the second s	Mar	nifest Reference	Number:	U.S. EPA ID I	Number	THE RESERVE AND A STREET OF THE STREET OF TH		
둧	100.	rateriate racinty (or contor	utory						0.0 / (10)	, turribo,			
F	Facil	ity's Phone:											
品	18c.	Signature of Alternate Faci	ity (or Generator)							***************************************	Monti	h Day	Year
×	<u> </u>			West Wilderschilde State Communication of the Commu									
DESIGNATED FACILITY	 	lazardous Waste Report M	anagement Method Codes (i.e., codes	for hazardous waste trea	tment, disposa	al, and recy	cling systems)		14				
9	1.		H132 2.		3.	-		1	4.				
	20. C	esignated Facility Owner of	r Operator: Certification of receipt of h	azardous materials cover	ed by the mani	ifest except	as noted in Item	/ 18a			***************************************		
		ed/Typed Name				nature	11//	1		······································	Month	Day	Year
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EP/	Forn	n 8700-22 (Rev. 12-17)	Previous editions are obsolete.		\		DES	IGNATE	D FACILITY	TO EPA	's e-MANI	FEST S	YSTEM



Generator211325Facility9019ARCONIC LAFAYETTE, LLCHERITAGE ENVIRONMENTAL SERVICES3131 MAIN ST4370 W COUNTY ROAD 1275 NLAFAYETTE, IN 47905-2272ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214520

Transx 14003520 Gross Weight 79820

Pickup 27-MAY-20 Tare Weight 33400

Container 28947733 30 DT **Net Weight** 46420

Unit No DT 42-27

Manifest 001094676WAS Scale Date 27-MAY-20

Net Tons 23.21



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214520

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094676WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 27-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	21,056
	Totals	1	21,056

A		ORM HÁZARDOUS	1. Generator ID Nu	mber		2. Page 1 of	3. Eme	gency Response	Phone	4. Manifest	Tracking No	ımber	OWID IVO.	
		STE MANIFEST	IMD0054			Í	I	800)326·				1467	W	<u>as</u>
	5. Gen	erator's Name and Mailin	g Address FOTE TELL	LC / LINDLE	Y JARRE	77	Generat	or's Site Address	if different th	an mailing addres	ss)			
		LGI MAIN ST AFAYETTE, I	N 47905-2	7272			313 LAF	I MAIN ! AYETTE,	ST TN 47	905-227	2			
			65/771-31				GEN	21132	n n nd	. 13 804 404 813 1				
	6. Trar	sporter 1 Company Nam		35, 100 to 100 t	······································					U.S. EPA ID I	Number			
		ERITAGE TRA		<u> C - RAIL</u>	···		***************************************	·			58484	114	***************************************	
	7. Har	sporter 2 Company Nam	е							U.S. EPA ID N	vumber			
	8. Des	ignated Facility Name and	d Site Address			***************************************				U.S. EPA ID N	Number			
		ERITAGE ENV 370 W COUNT		AL SERVICES						TNDQ	80503	890		
	R	JACHDALE, <u>I</u>	N 46172-9	7593						1	AND AND DR. FOR .	m 1 w		
	i		65)435-27		less ID North			40. O4-1-			T			
	9a. HM	and Packing Group (if a		Shipping Name, Hazard C	iass, io number,			10. Contain	ers Type	11. Total Quantity	12. Unit Wt./Vol.	13. \	Waste Code	·
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GENERATOR		WASTE),(RQ	= 1 LB	ERG#171	//						ļ		,	
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	n	narked and labeled/placar	ded, and are in all re	N: I hereby declare that the espects in proper condition	for transport acc	ording to appli	icable inte	mational and natio	scribed above onal governm	e by the proper sh nental regulations	ipping name . If export sh	e, and are clas ipment and I a	ssified, packa am the Prima	iged, iry
	ı	certify that the waste mini	mization statement i	ignment conform to the ten identified in 40 CFR 262.2					li quantity ge	nerator) is true.				
		ator's/Offeror's Printed/Ty	ped Name Con		ride o	,	nature	7/1	0	2		Mon		Year
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0 7		's Phone: gnature of Alternate Facil	ity (or Generator)								i	LMo	onth Day	Year
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DESIGNATED FACILITY	19. Ha	zardous Waste Report Ma	anagement Method	Codes (i.e., codes for haza	rdous waste trea	tment, disposa	al, and rec	ycling systems)				L	,	
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1	20 Do	signated Facility Owners	r Operator: Certifica	tion of receipt of hazardou	e materiale cours	ad by the man	ifact over	nt as mand in like	188					
	ewww.compane	I/Typed Name	operator. Certifical	2	a materials COVER		nature	p. as nucu il) ileli			and the second	Mo	nth Day	Year
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EPA	Form	8700-22 (Rev. 12-17)	Previous editions	s are obsolete.				DES	ENATE	D FACILITY	TO EPA	's e-MAN	VIFEST S	SYSTEM



Generator211325Facility9019ARCONIC LAFAYETTE, LLCHERITAGE ENVIRONMENTAL SERVICES3131 MAIN ST4370 W COUNTY ROAD 1275 NLAFAYETTE, IN 47905-2272ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop <u>3214521</u>

Transx <u>14003522</u>

Pickup 27-MAY-20

Container 28947875

30 DT

Unit No DT 42-28

Manifest 001094677WAS

Gross Weight 77560

Tare Weight

35960

Net Weight

41600

Scale Date ___

27-MAY-20

Net Tons ____

20.8



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214521

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094677WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 27-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	18,869
	Totals	1	18,869

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 †	N	VASTE MANIFEST	1. Generator ID Nur INDOOS4	178094		1	mergency Response	-1221		0109	umber 146 78	WA	S
╁		enerator's Name and Mailin		LC / LINDLE	Y JARRETT		erator's Site Address		han mailing addres	SS)			
		3131 MAIN ST LAFAYETTE, I		タプタ			131 MAIN : AFAYETTE,		7905-227	3			ľ
		(7	65}771-31	71			EN: 21132		: 	5			
		erator's Phone: ansporter 1 Company Name				L		¥	U.S. EPA ID N	Number			$-\!\!\!\!-\!\!\!\!\!-$
		HERITAGE TRA		C - RAIL					_	58494	114		1
		ansporter 2 Company Nam				*************************************			U.S. EPA ID N				ᅰ
		esignated Facility Name and							U.S. EPA ID N	lumber			\neg
		HERITAGE ENV 1370 W COUNT							THOS	80503	890		
	F	MACHGALE, I	N 46172-5	ร์ร์จิว					433677	G4.344	a r u		
	Faci	lity's Phone: 〔구	657435-27	704									
	9a.	1		Shipping Name, Hazard C	lass, ID Number,		10. Contair	ners	11. Total	12. Unit	13. Wa	ste Codes	
	НМ	and Packing Group (if a	iny))				No.	Туре	Quantity	Wt./Vol.			
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GENERATOR	-	WASTE) (RO	= 1 LH),	EKOMI/I					22580				\dashv
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Ш	Bi	JLK PCB REME	DIATION &	JASTE 1	railer t	railer	#: <u>42-20</u>	1	ERI:HERI	TAGE	£1	334190	13
		GENERATOR'S/OFFERO											
		marked and labeled/placar Exporter, I certify that the o	contents of this consi	gnment conform to the ter	ms of the attached EP	Acknowledgr	nent of Consent.	•	•	. If export sn	ipment and I am	ine Primary	
	_	I certify that the waste mini	imization statement i	dentified in 40 CFR 262.2	7(a) (if I am a large qu			il quantity g	enerator) Is true.		Manth	Dav. V	·
П	J.	erator's/Offeror's Printed/Ty	ped Ivalille COTY	vertledder	ck or	Signatur I	11	لمما	W		Month I ← ←	Day Y 12ワロ	Year
╚	16. I	nternational Shipments			[]		Charles .				حات	14/14	20
ILL	1	nsporter signature (for expo	rts only):	U.S.	. L Exp	ort from U.S.	Port of en Date leavi						
		Fransporter Acknowledgmen	····	als			Sale rody)						\dashv
뜁	Trans	sporter 1 Printed/Typed Nar				Signatur					Month	Day Y	Year
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E	-	24				<u>L</u>						<u> </u>	
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	^	VSCMAPANOY RAZ	COLUMN DOM	RORENT PREZ	BW DOUSE	@3-28	LO Manifest Reference	Number					
≥	18b.	Alternate Facility (or Gener	ator)	. Tomog 1. Sale			mamost relatetic	. ruillool.	U.S. EPA ID 1	Number			\dashv
믕	l												
A		lity's Phone:											
岜	18c.	Signature of Alternate Facil	ity (or Generator)		•						Month	Day	Year
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DESIGNATED FACILITY	19.1	Hazardous Waste Report Ma	anagement Method (codes (i.e., codes for haza	irdous waste treatmen	t, disposal, and	recycling systems)		4.				
<u>۵</u>	ļ		H132			ان.		1]*.				
	20. [Designated Facility Owner o		tion of receipt of hazardou	s materials covered by	the manifest	xcept as noted in ter	0182			**		
		ted/Typed Name	11/10			Signatur					Month	•	Year
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EP/	For	m 8700-22 (Rev. 12-17)	Previous editions	are obsolete.			DES	IGNATE	D FACILITY	TO EPA	's e-MANII		
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Generator 211325 Facility 9019

ARCONIC LAFAYETTE, LLC HERITAGE ENVIRONMENTAL SERVICES

3131 MAIN ST 4370 W COUNTY ROAD 1275 N

LAFAYETTE, IN 47905-2272 ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop <u>3214522</u>

Gross Weight 83780

Pickup 27-MAY-20 Tare Weight 34000

Container 28948074 30 DT **Net Weight** 49780

Unit No DT 42-24

Manifest 001094678WAS Scale Date 27-MAY-20

Net Tons 24.89



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214522

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094678WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 27-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	22,580
	Totals		22,580



Form Approved OMB No. 2050-0039

LIC	مەت	print or type.							11	B No. 2050-0039
1	l	NIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number IND005478094	2. Page 1 of	3. Emergency Response (800)326		i	Tracking Num Q 1094		WAS
	5.	Generator's Name and Mailin	ng Address	MARRETT	Generator's Site Address	(if different t	han mailing addres	ss) .		
П		3131 MAIN ST	•		3131 MAIN	5				
		LAFAYETTE, I	:N 47905-2272 765)771-3191		LAFAYETTE, GEN: 21132	IN 4:	7905-227	2		
		enerator's Phone:			Uluit. Ed. Auto.					hitania
	6.	Transporter 1 Company Nam					U.S. EPA ID I			
	L		MSPORT LLC - RAIL					584841	14	
	 ′-	Transporter 2 Company Nam	ne				U.S. EPA ID N	Number		
۱	Ļ	Decimated Facility Name on	od Cito Address				110 504101	1 1		
١	0.	Designated Facility Name an	II ONE AUDIESS VIRONMENTAL SERVICES				U.S. EPA ID N	vumber		
		4370 W COUNT	Y ROAD 1275 N				IND9	805038	90	
	_	y- mag	IN 46172-9593 7657435-2704				1			
	Fa									
П	9	 a. 9b. U.S. DOT Description m and Packing Group (if a 	ion (including Proper Shipping Name, Hazard Class, IC anv))	Number,	10. Contair		11. Total Quantity	12. Unit Wt./Vol.	13. Wast	te Codes
	F	1.			No.	Туре	Quantity	WL/VOI.		
8	3	ROJUN34	32. POLYCHLORINATED BIP	ENV(5)	1	DT	€0000	K L		İ
Ž	:	SOLID, MIX	TURE,9,PGIII,4PCB REMEA	MOLTARK			22171			
GENERATOR	i -	2.	r = 1 LB), ERG#171			<u> </u>	 	╂		
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П			ns and Additional Information	22171Ks (4	18 8801b)					:
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Ш	1								_	
					##412-2		ERI:HERI			1341902]
	15		DR'S CERTIFICATION: I hereby declare that the continued, and are in all respects in proper condition for tra							
Ш		Exporter, I certify that the	contents of this consignment conform to the terms of the	he attached EPA Acknowl	edgment of Consent.		ŭ			,
	-		nimization statement identified in 40 CFR 262.27(a) (if		erator) or (b) (if I am a sma	II quantity go	enerator) is true.		Month	Day Year
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Ľ	16	. International Shipments				UNC			03	14/120
F		ansporter signature (for expo	lmport to U.S.	Export from U	.S. Port of en Date leavi		····			
-	4-	. Transporter Acknowledgmen			/ A	.44	}			
TRANSPORTER	Tra	ansporter 1 Printed/Typed Na		Sign	ature				Month	Day Year
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ANS	Tr	ansporter 2 Printed/Typed Na	ame	Sigr	naty/e				Month	Day Year
βE					<i>//</i>					
1	-	. Discrepancy								
	18	a. Discrepancy Indication Spa	ace 🗽 Quantity	Туре	Residue		Partial Rej	jection		Full Rejection
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	1	b. Alternate Facility (or Gener	SOLVED PEL POSIENT PR62B	IN BULLSE!	Manifest Reference	Number:	U.S. EPA ID I	Vumbor		
L	"	b. Alternate Facility (or Gener	natory				0.3. EFA ID I	vunibei		
JA.		cility's Phone:					1			
Ë	18	c. Signature of Alternate Faci	ility (or Generator)					······································	Month	Day Year
I		•	,							
DESIGNATED FACILITY	19	. Hazardous Waste Report M	Management Method Codes (i.e., codes for hazardous	waste treatment, disposal	, and recycling systems)				L	L
PES	1.		[2.	3.	, , , , , , , , , , , , , , , , , , , ,		4.			
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			or Operator: Certification of receipt of hazardous mate	rials covered by the manif	est except as noteth in Iten	183		and the second second second second		
	Pr	inted/Typed Name	m.02	Sigr	nature //	< _	The state of the s		Month	Day Year
4	Ļ		1/W1/182069		A/	PP-			05	22 20
EP	A Fo	orm 8700-22 (Rev. ¶2-17)	Previous editions are obsolete.		055	IGNATE	D FACILITY	TO EPA's	e-MANIF	est system



Generator 211325 **Facility** 9019 ARCONIC LAFAYETTE, LLC HERITAGE ENVIRONMENTAL SERVICES **3131 MAIN ST** 4370 W COUNTY ROAD 1275 N LAFAYETTE, IN 47905-2272 **ROACHDALE, IN 46172-9593**

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214523

Unit No DT 42-27

Gross Weight 82140 Transx 14003526

Tare Weight 33260 Pickup 27-MAY-20

Container 28948272 30 DT **Net Weight**

Manifest 001094679WAS 27-MAY-20 Scale Date

> 24.44 Net Tons

48880



Generator 211325 Facility HERITAGE ENVIRONMENTAL SERVICES ARCONIC LAFAYETTE, LLC

3131 MAIN ST 4370 W COUNTY ROAD 1275 N

LAFAYETTE, IN 47905-2272 **ROACHDALE, IN 46172-9593**

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214556

Gross Weight 80500 Transx 14003591

Tare Weight 33100 Pickup 29-MAY-20

Container 28956769 **Net Weight** 30 DT 47400

Unit No DT 42-27

Manifest 001094711WAS 29-MAY-20 Scale Date

> 23.7 Net Tons

9019



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214523

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094679WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 27-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	22,171
	Totals	1	22,171

TX: Form Approved. OMB No. 2050-0039 Please print or type 4. Manifest Tracking Number 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone **UNIFORM HAZARDOUS** IMD005478094 (800)324-1221 001094680 **WASTE MANIFEST** 禁 5. Generator's Name and Mailing Address E. LLC / LINDLEY JARRETT Generator's Site Address (if different than mailing address) 3131 HAIN ST 3131 MAIN ST LAFAYETTE, IN 47705-2272 LAFAYETTE, IN 47905-2272 GEN: 211325 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHBALE, IM 46172-7573 cilitys Phone: (765)435-2704 TMD980503890 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 9a 13. Waste Codes and Packing Group (if any)) HM No Type Quantity Wt Mol RO.UN3432.POLYCHLORINATED BIPHENYLS.
SOLID. MIXTURE.9.POIII.(PCB REMEDIATION WASTE).(RQ = 1 LB).ERG#171 ¥. GENERATOR Ģ. OT 20000 K 14. Special Handling Instructions and Additional Information Special Handling Instructions and Additional Information
U1 01494188 T#14003529
BT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 05/27/20 Trailer#:42.28 BULK PCB REMEDIATION WASTE TRAILER ERI: HERITAGE E133417031 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Conner Hodderck Month Day Year 16. International Shipments Port of entry/exit: Import to U.S Export from U.S. Transporter signature (for exports only): Date leaving U.S. 17. Transporter Asknowledgment of Receipt of Materials Transporter P ted/Typed Nam Day Year Transporter 2 P 18. Discrepancy 18a. Discrepancy Indication Space Туре Residue □ Quantity ☐ Partial Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

Month Day Yes 22 20

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 1.

H132

Printed/Typed Nam



Generator 211325 **Facility** 9019 ARCONIC LAFAYETTE, LLC HERITAGE ENVIRONMENTAL SERVICES **3131 MAIN ST** 4370 W COUNTY ROAD 1275 N LAFAYETTE, IN 47905-2272 **ROACHDALE, IN 46172-9593**

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214525

Unit No DT 42-28

Gross Weight 78060 Transx 14003529

Tare Weight 35820 Pickup 27-MAY-20

Container 28948481 **Net Weight** 30 DT

Manifest 001094680WAS 27-MAY-20 Scale Date

> 21.12 Net Tons

42240



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214525

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094680WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 27-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	19,160
	Totals		19,160

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Plea		nt or type.									Approved. ON	IB No. 20	J50-0039
1	W	ASTE MANIFEST	1. Generator ID Nu INDOOS	478094	į		00)326	-1221	0	10 0 711	mber AGB 1	_W	AS
	5. Ge	perator's Name and Mailin	g Address	LC / LIMBLE	Y JARRETT	Generator	s Site Address	(if different t	nan mailing addre	ss)			
	3	131 MAIN ST				3131	MAIN :	5T					
		AFAYETTE, I	n 4/705-2 65}771-31	5672 191		LAPE GEN:	21132	in 41 S	705-227	£			
		rator's Phone: Insporter 1 Company Nam	le						U.S. EPA ID	Number			
	13	ERITAGE TRA	NSPORT LI	C - RAIL					INDO	584341	14		
	7. Tra	nsporter 2 Company Nam	е						U.S. EPA ID I	Number			

		signated Facility Name an ERITAGE ENV		M SERVICES					U.S. EPA ID I	Number			
	4	370 W COUNT	Y ROAD 12	275 N					INDA	805038	390		
		OACHDALE, I tv's Phone:	n 401727: 857435-2:						1				
	9a.	<u> </u>	on (including Proper	Shipping Name, Hazard Cla	ss, ID Number,		10. Contair	ners	11. Total	12. Unit	40.146	. O. J	
	НМ	and Packing Group (if a	iny))			·	No.	Туре	Quantity	Wt./Vol.	13. vvas	te Codes	
8	X	1. Ro. UN34	32.POLYC	ALORIMATED B	IPHENYLS.		1	DT	20000	l x l			
SAT		SOLID, MIX	TURE, 9, PC	ALORIMATED B SIII. (PCB RE	MEDIATION				·				***************************************
GENERATOR	-	WASTE), (RO	- 1 LEST	ERGMA/A						 		-+	
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		,											CONTRACTOR MANAGEMENT CONTRACTOR
		4. ·										_	
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	1.	pecial Handling Instruction U1 Q1494198	T#140039	531	d: 19550						_		
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	BU	LK PGB REME	DIATION (aste t	RAILER Tra	iler#:	42-24		RI:HERI	TAGE	E1:	93419	704J
				N: I hereby declare that the espects in proper condition to									
	[Exporter, I certify that the o	contents of this cons	ignment conform to the term	s of the attached EPAAck	nowledgment o	f Consent.	Ū	•	. II export still	pinent and t am	ano i ilinai	,
				identified in 40 CFR 262.27		Signature	2 11	1 1			Month	Day	Year
1	be	but of A	SCONIC.	Laborate			en H	Ade	%		05	27	20
2	16. In	ternational Shipments	Import to	U.S.	Export fro	om U.S.	Port of en						
F	-	sporter signature (for expo					Date leavi	ng U.S.:					
TRANSPORTER		ansporter Acknowledgmen porter 1 Printed/Typed Nar		nals		Signature	t				Month	Day	Year
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ANS	Trans	porter 2 Printed/Typed Na	me		······································	Signature	-12-12	-12			Month	Day	Year
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1		screpancy					1		<u> </u>				
	18a. L	Discrepancy Indication Spa	ace L Quar	ntity	Type	L	Residue		Partial Re	jection		Full Rejec	ction
						Mar	ifest Reference	Number:					
<u>L</u>	18b. A	Alternate Facility (or Gener	rator)						U.S. EPA ID	Number		***************************************	
ACI									ı				
		iy's Phone: Signature of Alternate Facil	lity (or Generator)								Month	Day	Year
DESIGNATED FACILITY												1	1
SIG	19. Ha	azardous Waste Report M	anagement Method	Codes (i.e., codes for hazar	dous waste treatment, disp	posal, and recyc	ding systems)						
占	1.		u: 20	2.		3.			4.				
	20 D	esignated Facility Owner	r Operator: Certifica	tion of receipt of hazardous	materials covered by the	manifest even-t	as noted in ite-	A.					
		d/Typed Name	operator, certifica	mon or receipt or nazardous	materials covered by the r	Signature	as naeu in ne	, od	······		Month	Day	Year
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EPA	Form	8700-22 (Rev. 12-17)	Previous editions	are obsolete.			DES	IGNATE	D FACILITY	TO EPA	's e-MANIF	EST S	YSTEM
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Generator211325Facility9019ARCONIC LAFAYETTE, LLCHERITAGE ENVIRONMENTAL SERVICES3131 MAIN ST4370 W COUNTY ROAD 1275 NLAFAYETTE, IN 47905-2272ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

 Stop 3214526

 Transx 14003531
 Gross Weight 76920

 Pickup 27-MAY-20
 Tare Weight 33820

 Container 28948787
 30 DT
 Net Weight 43100

 Unit No 'DT 42-24
 Scale Date 27-MAY-20

Net Tons 21.55



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214526

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094681WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 27-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	19,550
	Totals	1	19,550



| Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Company | Comp

riea	se pri	nt or type.				r <u></u>					Approved. OM	B No. 20	50-0039
1	W	ASTE MANIFEST	1. Generator ID Nu		2. Page 1 of	(1	gency Response 300)326-	-1221		01 0 9	imber 14682	W	45
-	5. Ge	perator's Name and Mailin	g Address	LG / LINDLEY JA	RRETT	Generato	r's Site Address (if different t	pan mailing addres	s)			
1	13.	131 MAIN ST AFAYETTE, I	u sydae…	3575		313	1 MAIN S	}} Fu a:	7905-227	3			
		(7)	n 4///2-3 65/771-3:	191 191		GEN	: 211325	. 244 <i>- 4</i> 4	: 793" <u>C</u> C?	E.,			
		rator's Phone: Insporter 1 Company Nam	9						U.S. EPA ID N	lumber			
		ERITAGE TRA		C - RAIL					_	58484	114		
1		Insporter 2 Company Nam							U.S. EPA ID N				
									1				
		signated Facility Name and							U.S. EPA ID N	umber			
۱		ERITAGE ENV 370 U GOUNT							TMNG	30503i	390		
	R	DACHDALE, I	N 46172-5	7573					# 1.5%L L 4	aw as was	arv		
	Facili	ty's Phone: (7	65)435-27	704								Management	
	9a.			Shipping Name, Hazard Class, ID No	umber,	L	10. Contain	ers	11. Total	12. Unit	13, Wast	e Codes	
ı	НМ	and Packing Group (if a	ny))				No.	Туре	Quantity	Wt./Vol.	10. 1100		
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		LK PGB REME					IIA A	-	RI:HERI			3419	اتعم
				N: I hereby declare that the contents				date of recent					
l	- 1	marked and labeled/placar	ded, and are in all r	espects in proper condition for transp	ort according to appli	cable inter	mational and natio	onal govern	nental regulations.	lf export shi	pment and Lam th	e Primary	·
ı		Exporter, I certify that the c I certify that the waste mini	ontents of this cons mization statement	ignment conform to the terms of the a identified in 40 CFR 262.27(a) (if I an	attached EPA Acknow n a large quantity gen	ledgment erator) or	of Consent. (b) (if1 am a smal	l quantity de	enerator) is true				
	Gene	rator's/Offeror's Printed/Typ	oed Name Com	er Hadderick o	en Sig	nature	7 (1		,		Month	Day	Year
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2	16. In	ternational Shipments	Import to	U.S.	Export from U	J.S.	Port of ent	rv/exit:					
Ĕ	-	sporter signature (for expor	ts only):				Date leavin		,				
띮		ansporter Acknowledgment		ials			A A						
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<u>一</u> 人	18. Di	screpancy				/		······································		***************************************	L		
	-	Discrepancy Indication Spa	ce 🕜 Quar	[] ₊			7	***************************************	[]		[7].		
			C Quar	ntity L Typ	pe <i>O G-7</i>	_ د معا	Residue		Partial Reje	ection	۱	ull Reject	ion
ı	1/5	AMPANCY RESO	WED PER	ROBERT PROZBINDUR	WSICI		nifest Reference	Number:					
_	18b. A	Alternate Facility (or General	ator)						U.S. EPA ID N	umber			
Ş									÷				
D F		y's Phone:	t. (Ot-a)	**************************************		***************************************		······································			I V. a.	<u> </u>	
VTE	10C. C	Signature of Alternate Facili	ity (or Generator)								Month	Day	Year
DESIGNATED FACILITY	10 U-	azardoue Masta Basart Ma	manament Meihed	Codes (i.e. redes for hazardays	eta traalmant dienee	l and	roling prote1						
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<u>.</u>	••		нізг		J.			А	1				
	20. De	esignated Facility Owner o	r Operator: Certifica	I tion of receipt of hazardous materials	s covered by the mani	festexcer	t as noted in litem	18a/					
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Generator211325Facility9019ARCONIC LAFAYETTE, LLCHERITAGE ENVIRONMENTAL SERVICES3131 MAIN ST4370 W COUNTY ROAD 1275 NLAFAYETTE, IN 47905-2272ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214527

Transx 14003533 Gross Weight 82280

Pickup 27-MAY-20 Tare Weight 33080

Container 28949224 30 DT **Net Weight** 49200

Unit No 'DT 42-27

Manifest 001094682WAS Scale Date 27-MAY-20

Net Tons 24.6



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214527

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094682WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 27-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	22,317
	Totals		22,317

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	FORM HAZARDOUS	1. Generator ID Number IND0054780	94	2. Page 1 of	3. Emergency Res (留00)3		1	st Tracking N	umber 94683	W <i>A</i>
L	7		/ LINDLEY JARRI				rent than mailing add		74002	
3	1131 MAIN SI .AFAYETTE, 1	T IN 47905-2272 765)771-3191		S	3131 MAI	N ST E, IN	47905-22			
	erator's Phone: ensporter 1 Company Nar						U.S. EPA II) Number		
I I	BERITAGE TRA ansporter 2 Company Nam	ANSPORT LLC -	RAIL				U.S. EPA II	058484 Number	114	
8 De	esignated Facility Name a	nd Site Address					U.S. EPA IC	Numbar		
H 44	ERITAGÉ EN 370 W COUNT DACHDALE, I	/IRONMENTAL S TY ROAD 1275 IN 46172-9593 765)435-2704	[{					780503	890	
9a.	9b. U.S. DOT Descript		g Name, Hazard Class, ID Number	Γ,	10. 0	ontainers	11. Total	12. Unit	13. Was	te Codes
HM	and Packing Group (if	any))			No.	Ty	/pe Quantity	Wt./Vol.		
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Generator211325Facility9019ARCONIC LAFAYETTE, LLCHERITAGE ENVIRONMENTAL SERVICES3131 MAIN ST4370 W COUNTY ROAD 1275 NLAFAYETTE, IN 47905-2272ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214528

Container 28949948

Unit No DT 42-28

Transx 14003535 Gross Weight 81200

Pickup 27-MAY-20

·

30 DT

Manifest 001094683WAS Scale Date 27-MAY-20

Net Tons _____22.77

45540

Net Weight



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214528

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094683WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 27-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	20,656
	Totals		20,656

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3.331 MAIN ST LAFAYETTE, IN 47905-2272 Generative Plants LAFAYETTE, IN 47905-2272 GEN. 211325 U.S. EPA D Number HERTTAGE TRANSPORT LLC - RAIL 7. Transport Company Name U.S. EPA D Number U.S							4400	WAC	
The important Company Name U.S. PR.D. Immeter U.S. Immediate U.S. Im		3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191 J GEN: 211325							
Example Continue		HERITAGE TRANSPORT LLC - RAIL INDOS8484114							
HERTTAGE ENVIRONMENTAL SERVICES 470 OF DOUNT ROAD 1275 N ROACHDALE, IN 46172-9593 Faility Primer. (7651-435)-2704 Sa. 80-US DOT Description (including Proper Shipring Name, Hazard Class, D Namber, No. 1yp Quantily Wilvol. 11. Total 12. Unit 12. Unit 13. Weate Code S. X. RG, UN3432, POLYCHLORINATED EIPHENYLS, SUL10, MIXTURE, 9, PEIII., (PCB REMEDIATION SUL10, MIXTURE, 9, P	П								
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14. Special Handling Instructions and Additional Information 1. 25 020 1/5 55 1(016) 1. W1 Q1494188 TN14093537 WBT IN SEC 11 TIS AN ESTIMATE. EARLIES DATE OF REMOVAL FROM SERVICE 5/28/20		3.							
LI G1494188 T61:4003539 MBT IN SEC 11		4						<u> </u>	
16. International Shipments Import to U.S. Export from U.S. Date leaving U.S.:		1. WI G1474188 T#14003537 WGT IN SEC 11 IS AN ESTIMATE. EARLIES? DATE OF REMOVAL FROM SERVICE / 28 / 20 BULK FCB REMEDIATION WASTE TRAILER Trailer#: 12-29 ERI: HERITAGE [13341708] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Activation or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Connex Headlerick on Signature Month Day Year							
Transporter 1 Printed/Typed Name Signature	INT'L *	16. International Shipments		•			03	16016	
18. Discrepancy Indication Space 18. Discrepanc	TER	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signature Month Day Year							
18. Discrepancy Indication Space 18. Discrepanc	RANSPO	Transporter 2 Printed/Typed Name Signa		ais			」う Month	28 20 Day Yea	
DISCURPANCY RESOLVED FOR PRESENT PRESENT PRESENT PRESENT PRESENT PRESENT PRESENT Manifest Reference Number:	1	18. Discrepancy 18a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection							
18c. Signature of Alternate Facility (or Generator) Month Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1.	CILITY —	DISCREPANCY RESOLVED PER ROBBET PREZEIN DUWSKI Manifest Reference Number:							
H135					<u> </u>		Monti	h Day Ye	
H132	ESIG	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. 2. 3. 4.							
1 20 Designated Facility Owner or Operatory Contification of magint of hazardous materials asserted by the martinates avenue as a 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1									
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in the manifest except									



Generator 211325
ARCONIC LAFAYETTE, LLC

3131 MAIN ST LAFAYETTE, IN 47905-2272 Facility 9019

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214530

Transx 14003539 Gross Weight 89000

Tare Weight 33840

Pickup 28-MAY-20

Container 28951552 30 DT **Net Weight** 55160

Unit No 'DT 42-24

Manifest 001094685WAS Scale Date 28-MAY-20

Net Tons 27.58



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214530

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094685WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 28-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms		
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	25,020		
	Totals	1	25,020		

Please print or type.

Form Approved. OMB No. 2050-0039

VINIFORM HAZARDOUS

1. Generator ID Number

2. Page 1 of 3. Emergency Response Phone

4. Manifest Tracking Number

Ple	se pri	int or type.				T							1B No. 2050-00	000
1		FORM HAZARDOUS ASTE MANIFEST	1. Generator ID No INDOOS			2. Page 1 of	1	gency Response 800)324·		4. Manifest	-	mber 4686	WAS	3
	5. Ge	perator's Name and Mailin	g Address	LIC / LIN	DEFY JARRE	77	Generato	r's Site Address	if different t	an mailing addres	ss)			
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O F		ty's Phone: Signature of Alternate Facil	lity (or Generator)				•				XXIII XXII XXII XXII XXII XXII XXII XX	Month	Day Yea	ar
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DESIGNATED	19 H	azardous Waste Report M	anagement Method	Codes (i.e. codes fo	n hazardnın waste tro	alment disnoss	l, and rem	volina sveteme)	***************************************				<u> </u>	_
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1			H132									•		
	20. D	esignated Facility Owner of	or Operator: Certific	ation of receipt of ha	ardous materials cover	red by the mani	fest exect	of as noted in Item	18a					_
		ed/Typed Name	^ ^				nature					Month	Day Yea	ar
1		1)/W	N)BN	67		(///	2			105	28/20	_
EP.	Form	n 8700-22 (Rev. 12-17)	Previous edition	s are obsolete.				DES	CNATE	D FACILITY	TO EPA	s e-MANIF	EST SYSTE	EM
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Generator211325Facility9019ARCONIC LAFAYETTE, LLCHERITAGE ENVIRONMENTAL SERVICES3131 MAIN ST4370 W COUNTY ROAD 1275 NLAFAYETTE, IN 47905-2272ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214531

Transx 14003541 Gross Weight 77700

Pickup 28-MAY-20

Container 28951553 30 DT **Net Weight** 41640

Unit No DT 42-28

Manifest 001094686WAS Scale Date 28-MAY-20

Net Tons _____20.82



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214531

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094686WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 28-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms		
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	18,887		
	Totals	1	18,887		

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1	UNIF	ORM HAZARDOUS ASTE MANIFEST IND005478094	2. Page 1 of 3. Em	ergency Response		_	Tracking Nu	mber		AS
		perator's Name and Mailing Address RCUNIC LAYEAYETTE, LLC / LINDLEY JARRET	-	ator's Site Address				4687	YV.	AO
	3: L	ACONIC LHTTHETTE, ELC / CIMOLET SARRES 131 MAIN ST AFAYETTE, IN 47905-2272 (765)771-3191	31 LA	31 MAIN ! FAYETTE, N: 21132	5T IN 47					
	6. Tran	nsporter 1 Company Name				U.S. EPA ID I				
		ERITAGE TRANSPORT LLC - RAIL rsporter 2 Company Name				U.S. EPA ID N	584843	14		
		approximation of the second of				1	Tallioo.			
		ignated Facility Name and Site Address ERITAGE ENVIRONNENTAL SERVICES	***************************************			U.S. EPA ID I	Number			
	43 RI	370 W COUNTY ROAD 1275 N DACHDALE, IN 46172-9593 ys Phone: (765)435-2704	·			IND9	805036	190		
ı	9a.	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number,		10. Contain	ers	11. Total	12. Unit	13. Was	te Codes	
	HM	and Packing Group (if any)) 1.		No.	Туре	Quantity	Wt./Vol.			
GENERATOR	Х	RQ.UN3432.POLYCHLORINATED BIPHENYLS SOLID. MIXTURE.9.PGIII.(PCB REMEDIATIO WASTE).(RQ = 1 LB).ERG#171	is 1 H	i	DT	20000	K			
— GEN		2 .								
		3.								
		4. ·								
							ļ.,			·
	15. G	pecial Handling Instructions and Additional Information LI Q1474188_T#14003543 TIN SEC 11 IS AN ESTIMATE, EARLIEST DE LK FCB REMEDIATION WASTE TRAILER BENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this of narked and labeled/placarded, and are in all respects in proper condition for transport according to certify that the contents of this consignment conform to the terms of the attached certify that the waste minimization statement identified in 40 CFR 262,27(a) (if I am a large	Trailer# consignment are fully ding to applicable in EPA Acknowledgme	and accurately desternational and nation of Consent.	Ecribed above onal governm	RI: HERI e by the proper sh nental regulations.	TAGE hipping name,	E13	d, packaç	
l	Gener	ator's/Offeror's Printed/Typed Name Conner Hedderick or		17, 1	Lad	1		Month	Day	Year
<u>*</u>	16. inte	enal Character Lagrange Lagran	Export from U.S.	Port of ent	nulovit:			05	148	20
		porter signature (for exports only):	Export from 0.3.	Date leavir	,	4				
TER		onsporter Acknowledgment of Receipt of Materials order 1 Printed/Typed Name	Signature		<i>/////</i>	<u> </u>		Month	Day	Year
ğ		CORY MUAN		LIM				15	DS.	Post
TRANSPORTER	Transp	oorter 2 Printed/Typed Name	Signature	7711				Month I	Day	Year
<u>►</u>	18. Dis	screpancy						I	l	
	18a. D	hiscrepancy Indication Space Quantity Type		Residue		Partial Rej	jection		Full Rejec	ction
_				Manifest Reference	Number:					
FACILITY	18b. A	Iternate Facility (or Generator)				U.S. EPA ID I	Number			
Æ	Facility	y's Phone:				1				
ATED	18c. S	ignature of Alternate Facility (or Generator)			······································	· · · · · · · · · · · · · · · · · · ·		Month	Day I	Year I
DESIGNATED	19. Ha	szardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatn	nent, disposal, and n	ecycling systems)				L	<u> </u>	
ű	1.	2.	3.			4.				-
1	20 Da	H1.32 signated Facility Owner or Operator. Certification of receipt of hazardous materials covered	hy the manifest and	ant as rotad in It	18					
		rsignated racinly owner or Operator: Certification of receipt of nazaroods materials covered d/Typed Name	Signature	opi as inter ili ileli		,		Month	Day	Year
Ų.	<u> </u>	JUN BARGA	$-(1 \angle$		12			<u> 59</u>	128	120
EP/	\ Form	8700-22-(Rev. 12-17) Previous editions are obsolete.	\	DES	KINATE	D FACILITY	TO FPA	S A-MANIF	FST S	YSTEM



Generator 211325 ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214532

Transx 14003543 Gross Weight 80180

Tare Weight 33460

Pickup 28-MAY-20

Container 28951554 30 DT **Net Weight** 46720

Unit No 'DT 42-27

Manifest 001094687WAS Scale Date 28-MAY-20

Net Tons 23.36



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214532

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094687WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 28-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms		
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	21,192		
	Totals	1	21,192		

Please print or type.

A UNIFORM HAZARDOUS 1. Generator ID Number

2. Page 1 of 3. Emergency Response Phone

4. Manifest Tracking Number

1	_	INIFORM HAZARDOUS	1. Generator ID Number IND005478094		2. Page 1 of	1	rgency Response		4. Manifest Tracking Number		\A		
	5.	WASTE MANIFEST Generator's Name and Mailir	Address LLC / LINO	Minari e e ella con dis	**	L			an mailing addres			AA	<u>as</u>
A CONTRACTOR OF THE PROPERTY O	G	3131 MAIN ST LAFAYETTE, I denerator's Phone:	H 47905-2272 651771-3191			313 Laf	i main !	3T IN 47	7905-227	2	•		
			MSPORT LLC - RAIL							58484	114	ov.n.t	
	1"	. Transporter 2 Company Nan	e						U.S. EPA ID I	Number			
	8	Designated Facility Name an	d Site Address IRONNENTAL SERVICES	7					U.S. EPA ID I	Number	··········		
	F	4370 W COUNT ROACHDALE, I	Y ROAD 1275 N N 46172-7573 651435-2704			W-00-1-1-1-1-1			INDP	80503	B90 		
9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Co No.						10. Contair No.	ers Type	11. Total Quantity	12. Unit Wt./Vol.	13. V	Vaste Code:	3	
CENEDATOR	X RO. UN3432. POLYCHLORINATED RIPHENYLS. SOLID. MIXTURE. 9. POLIL. (PCB REMEDIATION						\$	DT	-20000	+ K			
QUIN	-	WASTE), (RQ	= 1 LE), ERG#171	·····					25909				***************************************
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	1	4. Special Handling Instruction 2. W1 Q1474188		, 259091	() ?	1201	9)	nu mr	with D	5,20	12=		
				TRAILER			42-23		RI:HERI			र चल तन	13 11 11 11 11 11 11 11 11 11 11 11 11 1
	-	GENERATOR'S/OFFERO	DIATION WASTE R'S CERTIFICATION: I hereby declare that	t the contents of this	consignment	are fully a	and accurately des	scribed above	e by the proper sh	nipping name	e, and are clas		iged,
		Exporter, I certify that the	rded, and are in all respects in proper condit contents of this consignment conform to the	terms of the attache	d EPA Acknow	ledgment	of Consent.	•	•	. If export sh	ipment and I a	m the Prima	ary
	G	enerator's/Offeror's Printed/Ty	imization statement identified in 40 CFR 26: ped Name Connect Head	erce o		nature	(b) (if I am a sma	I quantity ge	nerator) is true.		Mon	th Day	Year
L	4	behalf of				(en B	tel	le_		0	5 28	20
E		 International Shipments ransporter signature (for expo 	Import to U.S.		Export from (J.S.	Port of en	-					
		7. Transporter Acknowledgmer	t of Receipt of Materials				<u> </u>						
Z F		ansporter 1 Printed/Typed Na	me Sixtedan		Sig 	nature					Moni	th Day 128	Year P <i>>>>></i> C
TDANSDODTED	Ti	ransporter 2 Printed/Typed Na	me	***************************************	Sig	nature					Mon		Year
P	_	8. Discrepancy		**************************************		etelmionissississississississis		3044 - 4 cir 4 - 1; m., m., c	WINESCOND			<u> </u>	<u> </u>
	11	Ba. Discrepancy Indication Sp	Cuantity	Туре			Residue	Etria	Partial Re	jection		Full Reje	ection
	 1	DISCREDANCY FA. Bb. Alternate Facility (or Gene	SUITO PLA ROBELT PRE rator)	2BINDOUS	E1 65.2	-8 - 26 M	anifest Reference	Number:	U.S. EPA ID I	Number			Maria de la composition della
DESIGNATED EACH ITY									Ĺ				
200	F.	acility's Phone: Bc. Signature of Alternate Fac	lity (or Generator)		·····		**************************************	······································		· · · · · · · · · · · · · · · · · · ·	Moi	nth Day	Year
TAN		-					411						1
ERIC		9. Hazardous Waste Report M	anagement Method Codes (i.e., codes for h	azardous waste trea	tment, disposa	al, and red	cycling systems)		4.				***************************************
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	_	0. Designated Facility Owner or rinted/Typed Name	or Operator: Certification of receipt of hazard	lous materials cover		fest exce	pt as noted in Hen	1180			Mor	nth Day	Year
			M) BARGA			, <u></u>	41	7			103	- 178	120
EF	ΑF	orm 8700-22 (Rev. 12-17)	Previous editions are obsolete.				DES	GNATE	D FACILITY	TO EPA	's e-MAN	IIFEST S	SYSTEM
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Generator211325Facility9019ARCONIC LAFAYETTE, LLCHERITAGE ENVIRONMENTAL SERVICES3131 MAIN ST4370 W COUNTY ROAD 1275 NLAFAYETTE, IN 47905-2272ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214533

Unit No DT 42-23

Transx 14003545 Gross Weight 91500

Pickup 28-MAY-20

Container 28951605 30 DT **Net Weight** 57120

Manifest 001094688WAS Scale Date 28-MAY-20

Net Tons _____28.56



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214533

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094688WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 28-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms		
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	25,909		
	Totals	1	25,909		

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA'S 8-MANIFEST SYSTEM

OS



Generator 211325 Facility 9019 ARCONIC LAFAYETTE, LLC HERITAGE ENVIRONMENTAL SERVICES **3131 MAIN ST** 4370 W COUNTY ROAD 1275 N LAFAYETTE, IN 47905-2272 **ROACHDALE, IN 46172-9593**

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214534

Unit No DT 42-29

Gross Weight 89360 Transx 14003547

Tare Weight 31220 Pickup 28-MAY-20

Container 28951649 **Net Weight** 30 DT

Manifest 001094689WAS 28-MAY-20 Scale Date

> 29.07 Net Tons

58140



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214534

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094689WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 28-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms		
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	26,372		
	Totals	1	26,372		

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

TX:

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DE8IGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

Form Approved, OMB No. 2050-0039 UNIFORM HAZARDOUS 1. Generator ID Number 4. Manifest Tracking Number 2, Page 1 of 3, Emergency Response Phone IND005478094 WASTE MANIFEST (800)326-1221 Generator's Site Address (if different than mailing address) 5. Generator's Name and Mailing Address 3131 MAIN ST 3131 MAIN ST IN 47905-2272 LAFAYETTE, IN 47905-2272 GEN: 211325 LAFAYETTE. (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. FPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. FPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-7573
acilitys Phone: (765)435-2704 IN0980503890 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) НМ Quantity Wt./Vol. No. Type X RO. UN3432. POLYCHLORINATED BIPHENYLS. 9 DT 20000 W SOLID, MIXTURE, 9, POIII, (PCB REMEDIATION WASTE), (RO = 1 LB), ERGN171 14. Special Handling Instructions and Additional Information
1. W1 01474188 T#14003549
WGT IN SEC 11 IS AH ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 5/29/20

BULK PCB REMEDIATION WASTE TRAILER Trailer#: 26 28 ERI: HERITAGE 14. Special Handling Instructions and Additional Information [13341713] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Connex Hedderick on Month Day Year Export from U.S. Port of entry/exit: Date leaving U.S Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Pinted/Typed Name Signati Month Day Year Transporter 2 Printed/Typed Name 18. Discrepancy Туре 18a. Discrepancy Indication Space ___ Quantity ___ Residue ☐ Full Rejection Partial Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Its 18a Printed/Typed Nam Signature 20 1131



Generator 211325 ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

Facility

9019

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214535

Transx 14003549

Gross Weight 81540

Pickup 28-MAY-20

Tare Weight 35920

Container 28952582

30 DT

Net Weight

45620

Unit No DT 42-28

Manifest 001094690WAS

Scale Date 28-MAY-20

Net Tons

22.81



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214535

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094690WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 28-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms		
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	20,693		
	Totals		20,693		

	FORM HAZARDO	ן פטט	enerator ID No			2. Page		gency Response			Tracking Num			, ,
	ASTE MANIFES		IND005					800) 326 or's Site Address			01094	4691	W	P
1 3	PREMO'S Name and 1131 MAIN	ST			INDLEY JA	ARRE. T	313	1 MATH	ST	an mailing addres				
	.AFAYETTE erator's Phone:	, IN (765	47905-1 }771-3	2272 1 7 1			LAF I GEN	AYETTE, : 21132	IN 47 5	905-227	2			
	ansporter 1 Compar	ny Name								U.S. EPA ID I				
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1	anoportor 2 compan	iy Namo								0.0. 21 7(10)	varibo:			
	esignated Facility Na IERITAGE			AL SERV	ICES					U.S. EPA ID I	Number			
4 R	370 W CO OACHOALE ity's Phone:	UNTY IN	ROAD 1	275 M 7593						IND9	805038	90		
9a. HM	9b. U.S. DOT De and Packing Gro			r ShippIng Name,	Hazard Class, ID N	lumber,		10. Contai No.	ners Type	11. Total Quantity	12. Unit Wt./Vol.	13. Wa	ste Code	s
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14. S 1. UG	Special Handling Inst W1 Q1494 ST IN SEC	tructions an	d Additional Inf #14003 S AN E	ormation SS1 STIMATE	d: 2	LU3745	(4660 OF REM	U/6) OVAL FR	OM SER	VICE 2	/ <u>28</u> /	20		
₽U 15.	Special Handling Inst W1 Q1494 ST IN SEC ULK PCB R GENERATOR'S/OF marked and labeled	ENED I	ATION	WASTE ON: I hereby dec	TRAIL	_ER Tra	iler#.	122 nd accurately de	2 scribed abov	ERI: HERI e by the proper sl	TAGE	C 1 and are classi	3341 fied, pack	ag
₩U 15.	GENERATOR'S/OF marked and labeled Exporter, I certify th I certify that the was	FFEROR'S I/placarded at the conte ste minimiz	ATION CERTIFICATION and are in all a ents of this consistency	DN: I hereby decrespects in propersignment conformation to dentified in 40 (In the content of the condition for trans of the terms of the CFR 262.27(a) (if I a	ts of this consign port according to attached EPA Ac	ment are fully a applicable inte	nd accurately de mational and nat of Consent.	Scribed abovernment	ERI: HERI e by the proper si nental regulations	TAGE	C 1 and are classi	fied, pack	ag
₩U 15.	GENERATOR'S/OF marked and labeled Exporter, I certify th I certify that the was erator's/Offeror's Print	FFEROR'S d/placarded at the conte ste minimiz nted/Typed	ATION CERTIFICATION and are in all a ents of this consistency	DN: I hereby decrespects in propersignment conformation to dentified in 40 (In the content of the condition for trans of the terms of the CFR 262.27(a) (if I a	ts of this consign port according to attached EPA Ac	ment are fully a applicable inte	nd accurately de mational and nat of Consent.	Scribed abovernment	ERI: HERI e by the proper si nental regulations	TAGE	and are classi ment and I am Month	fied, pack the Prim Day	ago
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Generator 211325 ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214536

Transx 14003551

Gross Weight 79940

Pickup 28-MAY-20

Tare Weight 33340

Container 28952462 30 DT

Net Weight

46600

Unit No DT 42-27

Manifest 001094691WAS

Scale Date 28-MAY-20

Net Tons

23.3



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214536

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094691WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 28-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms		
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	21,137		
	Totals	1	21,137		

Please print or type. Form Approved. OMB No. 2050-0039 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone 4. Manifest Tracking Number **UNIFORM HAZARDOUS** IND005478094 (800)324-1221 001094692 **WASTE MANIFEST** 3 Generalogs Site Address (II different thee mailing address)
3131 MAIN ST
LAFAYETTE, IN 47905-2272 Generator's Name and Mailing Address LLC / LINDLEY JARRETT ARCUNIC LAYFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191 GEN: 211325 Generator's Phone: 6. Transporter 1 Company Name U.S. FPA ID Number HERITAGE TRANSPORT LLC - RAIL IMD058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9573 IND980503890 (765)435-2704 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) Quantity Wt./Vol. нм No. Type χ RO, UN3432, POLYCHLORINATED BIPHENYLS, 1 DT 20000 К SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LR), ERG#171 14. Special Handling Instructions and Additional Information 14. Special Handling Instructions and Additional Information
1. W1 Q1494188 T#14003553
WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 5/28/20 21056 13/ BULK FCB REMEDIATION WASTE TRAILER Trailer#: ERI: HERITAGE [13341715] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Day Year Import to U.S. Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.: 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signature Month Day Year Transporter 2 Printed/Typed Name 18. Discrepancy 18a. Discrepancy Indication Space ____ **Т**уре Residue □ Partial Rejection Full Rejection Quantity Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Items Printed/Typed Na EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM



Generator 211325 ARCONIC LAFAYETTE, LLC **3131 MAIN ST**

LAFAYETTE, IN 47905-2272

Facility 9019

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214537

Transx 14003553

Gross Weight 80780

Pickup 28-MAY-20

Tare Weight 34360

Container 28952618

30 DT

Net Weight 46420

Unit No DT 42-23

Manifest 001094692WAS

Scale Date

28-MAY-20

Net Tons 23.21



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214537

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094692WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 28-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	21,056
	Totals	1	21,056

TX: 398





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	5	. Generator's Name and Mailir	og Address	LLC / LINGLEY JAKE	ing the An	Generator's	s Şite Address	(if different t	nan mailing addre		C 00 800 800 7015		
П	1	3131 MAIN ST					MAIN	emieli St	list ledels				
		LAFAYETTE, I	N 47905-2			LAFA	YETTE,	IN 47	7905-227	2			
Ш	G	enerator's Phone:	65)771-31	191		UEN:	21132	<u> </u>					
	6	. Transporter 1 Company Nam							U.S. EPA ID	Number			
	L	HERITAGE TRA	MSPORT LL	LC - RAIL					IMDO	58484	114		
	7.	. Transporter 2 Company Nam	ne						U.S. EPA ID	Number			
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	8	Designated Facility Name an HERITASE ENV		al SFRUTCES					U.S. EPA ID	Number			
		4370 W COUNT	Y ROAD 12	275 M					IND9	80503	B90		
		ROACHDALE, I acility's Phone:	N 46172-9	7573 704					ı				
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Ш	1	Exporter, I certify that the	contents of this cons	signment conform to the terms of the attack	ned EPA Acknow	vledgment of	Consent.	·	•	. ii export sii	ipinent and ra	III UIC FIIIII	ary
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AN		ransporter 2 Printed/Typed Na	me		Sig	gnature					Mon	h Day	Year
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1	-	8. Discrepancy					1						
$\ \ $	1	Ba. Discrepancy Indication Spa	ace Quar	ntity Type			Residue		Partial Re	jection		Full Reje	ection
Ш						44. 1	Wast Date	Mont					
≥	1	8b. Alternate Facility (or Gene	rator)			Mani	ifest Reference	: Number:	U.S. EPA ID	Number			······································
FACILITY	<u> </u>	,,	•										
FA	 F	acility's Phone:											
E	1	8c. Signature of Alternate Faci	ility (or Generator)	***************************************							Mor	ith Day	Year
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DESIGNATED			lanagement Method	Codes (i.e., codes for hazardous waste tr		al, and recyc	ling systems)						
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Ш	L	 Designated Facility Owner or rinted/Typed Name 	or Operator: Certifica	ation of receipt of hazardous materials cov		gnature	as noted in iter	n 18a			Mon	th Day	Year
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Generator211325Facility9019ARCONIC LAFAYETTE, LLCHERITAGE ENVIRONMENTAL SERVICES3131 MAIN ST4370 W COUNTY ROAD 1275 NLAFAYETTE, IN 47905-2272ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214538

Unit No DT 42-24

Transx 14003555 Gross Weight 80420

Pickup 28-MAY-20

Container 28952621 30 DT Net Weight 46120

 Manifest
 001094693WAS
 Scale Date
 28-MAY-20

Net Tons _____23.06



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214538

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094693WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 28-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	20,920
	Totals		20,920





Form Approved OMB No. 2050-0030

UNIDER MAZAROUS Committee
Sepantical Manual and Manual Astronaus F. LLC
3131. RAIN ST LAFAYETTE, IN 47705-2272 Sementaric Places U.S. EPAD Number RAFTY Company Name RAFTY RAFTY COMPANY NAME RAFTY COM
3131 RAIN ST LAFAYETTE, IN 47705-2272 Sementaric Places U.S. EPAID Mumber RERITAGE TRANSPORT LLC - RAIL IINDOSB464114 IINDOSB464
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S. TRINGOTER TRANSPORT LLC - RAIL INDOSE/484114
Transporter 2 Company Name U.S. EPAID Number I.N.D. SUDNITY RIGHT 1275 N ROACHIDALE, I.N. 46172—759-33 Facility Proces V. (765) 4435—2704 See U.S. DOT Description (reducting Proper Shipping Name, Hazzed Class, ID Number, W. No. Type Cleaniby W. Active Codes U.S. EPAID Number I.D. Containers II. Total 12. Unit 13. Wester Codes U.S. EPAID Number I.D. Containers II. Total 12. Unit I.S. Guarding Number (12, Unit) I.S. Guarding Number (13, Wester Codes EVAID Number I.D. Containers II. Total 12. Unit I.S. Guarding Number (14, Unit) I.S. Guarding Number (14, Unit) I.S. Special Handling Number (14, Unit) I.S. Special Hand
Tomogoner 2 Company Name U.S. EPAID Number
Designated Facility Names and Site Address Services Here Tires ENURONNENTAL SERVICES TRUDP80503890
HERITAGE ERVIRONRENTAL SERVICES 4370 UDURTY ROAD 1275 N ROACHBALE, IN 46172-9533 Fallitys Proces 9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number; No. Type Quantity WILVOL 13. Wisste Codes WILVOL 14. Speak Handling Instructions and Additional Information 15. MIL 0149418B TRI 4003557 WIGHT IN SEC 11 TS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 5/29/20 BILL MP DIS REPIED IAT ION NETE TRAILEST DATE OF REMOVAL FROM SERVICE 5/29/20 BILL MP DIS REPIED IAT ION NETE TRAILEST DATE OF REMOVAL FROM SERVICE 5/29/20 BILL MP DIS REPIED IAT ION NETE TRAILEST DATE OF REMOVAL FROM SERVICE 5/29/20 BILL MP DIS REPIED IAT ION NETE TRAILEST DATE OF REMOVAL FROM SERVICE 5/29/20 BILL MP DIS REPIED IAT ION NETE TRAILEST DATE OF REMOVAL FROM SERVICE 5/29/20 BILL MP DIS REPIED IAT ION NETE TRAILEST DATE OF REMOVAL FROM SERVICE 5/29/20 BILL MP DIS REPIED IAT ION NETE TRAILEST DATE OF REMOVAL FROM SERVICE 5/29/20 BILL MP DIS REPIED IAT ION NETE TRAILEST DATE OF REMOVAL FROM SERVICE 5/29/20 BILL MP DIS REPIED IAT ION NETE TRAILEST DATE OF REMOVAL FROM SERVICE 5/29/20 BILL MP DIS REPIED IAT ION NETE TRAILEST DATE OF REMOVAL FROM SERVICE 5/29/20 BILL MP DIS REPIED IAT ION NETE TRAILEST DATE OF REMOVAL FROM SERVICE 5/29/20 BILL MP DIS REPIED IAT ION NETE TRAILEST DATE OF REMOVAL FROM SERVICE 5/29/20 BILL MP DIS REPIED IAT ION NETE TRAILEST DATE OF REMOVAL FROM SERVICE 5/29/20 BILL MP DIS REPIED IAT ION NETE TRAILEST DATE OF REMOVAL FROM SERVICE 5/29/20 BILL MP DIS REPIED IAT ION NETE TRAILEST DATE OF REMOVAL FROM SERVICE 5/29/20 BILL MP DIS REMOVAL FROM SERVIC
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S RO, SINSAGZ, POLYCHLORINATED RIPHENYLS. SGLID, MIXTURE, 9, PETILI (PCB REMEDIATION LASTE), (RQ = 1 LK), ERGRIT1 14. Special Handling Instructions and Additional Information 14. Special Handling Instructions and Additional Information 14. Special Handling Instructions and Additional Information 15. GENERATORISE THAT 4003557 LBULK PCB REMEDIATION MASTE TRALLEST DATE OF REMOVAL FROM SERVICE \$1.29.20 BULK PCB REMEDIATION MASTE TRALLEST DATE OF REMOVAL FROM SERVICE \$1.33419171 15. GENERATORISIOFEROR'S CERTIFICATION: Invertige that the contents of this configured are fully and accurately described above by the proper shipment and I am the Primary Exporter, Lordity that the contents of this consignment are fully and accurately described above by the proper shipment and I am the Primary Exporter, Lordity that the contents of this consignment conform to the terms of the state-bulk PhA-Actival/degment of Coment. Lordity that the vaste minimation statement identified and OF RESCRIPTION (I) (If am a strong capally generately to (I) (I) am as small quantity generator) is true. Senerator's Officeror's PrintedTyped Name CALACTORY 16. International Shipments Import to U.S. Transporter Acknowledgment of Receipt of Malacinis Transporter PrintedTyped Name Month Day Year 17. Transporter PrintedTyped Name Month Day Year 18. Discrepancy Indication Space Quantity 19. Description Marifest Reference Number:
14. Special Handling Instructions and Additional Information 1. W1 Q1474189 TM14003557 U007 IN SEC 11 IS AN ESTIMATE. EARL IEST DATE OF REHOVAL FROM SERVICE 5/29 20 BULK PCB REMEDIATION WASTE TRAILER Trailer®: 42-29 ERI:HERITAGE 1133419173 15. GENERATOR'SIOFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international of name and a name of the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international of name proper condition for transport according to a policable international and name and an the Primary Exporter Locality that the waste minimization statement identified in 40 CFR 262.27(a) fill am a large quantity generatory or (b) (if I am a small quantity generator) is true. Signature Month Day Year 15. Hernational Shipments Import to U.S. Signature Month Day Year 17. Transporter signature (for exports only): 18. Discrepancy 19. Discrepancy Indication Space Quantity Month Day Year 19. Signature Month Day Year 19. Biscrepancy Indication Space Quantity Manifest Reference Number:
14. Special Handling Instructions and Additional Information 1. W1 Q1494189 TR14Q03557 BULK PCB REMEDIATION WASTE TRAILER Trailer®: 42-29 ERI:HERITAGE 133419173 15. GENERATOR'SIOFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter; clarifly that the ownerins of this consignment confirm to the terms of the attached EPAAcknowledgment of Consent. Locally that the waste minimization statement identified in 40 CFR 262.27(a) (fil am a large quantity generator) or (b) (if I am a small quantity generator) is true. Signature Month Day Year Transporter signature (for exports only): 17. Transporter signature (for exports only): 17. Transporter signature (for exports only): 18. Discrepancy 19. Discrepancy 19. Discrepancy 19. Discrepancy Indication Space Quantity 19. Discrepancy Indication Sp
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15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name 16. International Shipments 1mport to U.S. 17. Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials 17. Transporter 1 Printed/Typed Name 18. Discrepancy 18. Discrepancy Indication Space Quantity 18. Discrepancy Indication Space Quantity 18. Discrepancy Indication Space Quantity 19. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded and aftoring to applicable international and atonal governmental regulations. If export shipment and I am the Primary Exporter Shipping name, and are classified, packaged, marked and labeled/placarded and andianal governmental regulations. If export shipment and I am the Primary Exporter Shipping name, and are classified, packaged, marked and labeled permany to the primary Exporter Shipping name, and are classified, packaged, marked and labeled permany to the primary Exporter Shipping name, and repair to the primary Exporter Shipping name, and repair to the primary generatory of (b) (if I am a small quantity generatory is true. 18. Discrepancy I and a security
marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the uses eminimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Signature
Exporter, I certify that the contents of this consignment conform to the terms of the attached EPAAcknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Signature
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Month Day fear
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19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
H132
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in frem 18a
Printed/Typed Name Signature Month Day Year
Printed/Typed Name Signature Month Day Year GS 28 20
Printed/Typed Name Signature Month Day Year



Generator211325Facility9019ARCONIC LAFAYETTE, LLCHERITAGE ENVIRONMENTAL SERVICES3131 MAIN ST4370 W COUNTY ROAD 1275 NLAFAYETTE, IN 47905-2272ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214539

Transx 14003557 Gross Weight 78880

Pickup 28-MAY-20

Container 28952649 30 DT **Net Weight** 47900

Unit No DT 42-29

Manifest 001094694WAS Scale Date __28-MAY-20

Net Tons 23.95



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214539

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094694WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 28-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	21,727
	Totals	1	21,727

4. Manifest Tracking Number 2. Page 1 of 3. Emergency Response Phone UNIFORM HAZARDOUS 001094696 **WASTE MANIFEST** IND005478094 (800)326~1221 Generator's Site Address (if different than mailing address) 5. Generator's Name and Mailing Address.
ANCUNIC LATENCETTE, LLC / LINDLEY JARNETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058494114 U.S. EPA ID Number 7. Transporter 2 Company Name 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Icilitys Phone: (765) 435-2704 IND980503890 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11 Total 12 Unit 13. Waste Codes and Packing Group (if any)) HM Nο Туре Quantity Wt No! RQ.UN3432.POLYCHLORINATED BIPHENYLS.
SOLID. MIXTURE.9.PGIII.(PCB REMEDIATION
WASTE).(RQ = 1 LB).ERG#171 20000 GENERATOR X Ť DT 22226 PS-28 W 14. Special Handling Instructions and Additional Information 1: 222264 (49000lb) 1. WI 01494188 TH14003559 A: LLCC 3 (41000)
UGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 5/28/20 Trailer# BULK PCB REMEDIATION WASTE TRAILER ERI: HERITAGE [13341918] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPAAcknowledgment of Consent, I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Conner Hedderick on Month Day Year 16. International Shipments Import to U.S Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.: 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signature ofymus Transporter 2 Printed/Typed Name Signature 18. Discrepancy 18a, Discrepancy Indication Space Quantity Residue Partial Rejection Full Rejection es.28.40 DISCRIPTION CY PRISONED PER POBLET PREZBINDOUSKI 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year DESIGNAT 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Day 15 28 20 EPA Form 8700-22 (Rev. 12-47) Previous editions are obsolete DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM



Weight Ticket

Generator 211325 ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214540

Transx 14003559 Gross Weight 82120

Pickup 28-MAY-20 Tare Weight 33120

Container 28953053 6059 DT **Net Weight** 49000

Unit No DT 42-27

Manifest 001094695WAS Scale Date 28-MAY-20

Net Tons 24.5

(wt_ticket.rdf) Page 1



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214540

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094695WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 28-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	22,226
	Totals	1	22,226



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1		ORM HAZARDOUS	1. Generator ID Nu INDOOS			2. Page 1 of		gency Response 800)326		E .	Tracking Nur		W	AS
	5. Gep	erator's Name and Mailing	Address	IC / I TH	DLEY JARRE		Generato	r's Site Address	(if different th	an mailing addre				
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	ŁF	YFAYETTE, IN	4 47705-2	2272		_	LAF	AYETTE	_IN 47	905-227	2			
		ator's Phone:	55/771-3:	172			OCN	: 21132!	à .	:				
		sporter 1 Company Name		n rati						U.S. EPA ID		* *		
		ERITAGE TRAM		.L - KHIL			····	,			584841	14		
	7. Han	sporter 2 Company Name	,							U.S. EPA ID I	Number			
	8 Desi	ignated Facility Name and	Site Address	te service de la constantina della constantina d				***************************************		U.S. EPA ID I	Number			
	HE	RITAGE ENVI	ERONMENTA		And the second									
		370 W COUNTY JACHDALE, IN						*		INDY	805038	90		
		/s Phone:	\$5)435-2:	704					ŧ.	1				
	9a.	9b. U.S. DOT Description	n (including Proper	Shipping Name, Ha	zard Class, ID Number		Ī	10. Contair	ners	11. Total		***************************************		
	HM	and Packing Group (if an			•	•	Ī	No.	Туре	Quantity	12. Unit Wt./Vol.	13. Wa	ste Codes	
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10	Λ.	RQ.UN343 SOLID. MIXT	TURE, 9, PI	GIII, (PCB	REMEDIAT	ζον Σον	.	- J.	- V I	20000	^			***************************************
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	14. Sp	ecial Handling Instructions J1 Q1474188 TN SEC 11	and Additional Info	ormation EA1			k 20	1010Ks/	46320	UB)				
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	BUL	K PCB REMEI	TATION I	JASTE	TRAILER	Trail	ar#.	41-28	, E	RI:HERE	TABE	£1	3341 9	9191
		ENERATOR'S/OFFEROR			·				A Particular of the Particular					
l		narked and labeled/placard exporter, I certify that the co							onal governm	ental regulations	. If export ship	ment and I am	the Prima	гу
	10	certify that the waste minin	nization statement	identified in 40 CFR					il quantity ge	nerator) is true.				
	Genera	ator's/Offeror's Printed/Typ	ed Name Com	ner Hedd	esul or		nature					Month	Day	Year
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틸		ernational Shipments	Import to	U.S.	, L	Export from U	J.S.	Port of ent						
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SIN	Transp	orter 2 Printed/Typed Nam	ne ne	eri-j-in		S ig	nature					Month	Day	Year
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<u>S</u>		zardous Waste Report Ma	nagement Method		or hazardous waste tre		l, and recy	cling systems)						
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		signated Facility Owner or I/Typed Name	Operator: Certifica	mon or receipt of haz	ardous materials cove		nature	as noted in lifer	11/03/			Month	Day	Year
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EP/	Form	8700-22 (Rev. 12-17)	Previous editions	s are obsolete.	and the state of t			DE8	IGNATE	D FACILITY	TO EPA'	s e-MANII	ESTS	YSTEM



Generator211325Facility9019ARCONIC LAFAYETTE, LLCHERITAGE ENVIRONMENTAL SERVICES3131 MAIN ST4370 W COUNTY ROAD 1275 NLAFAYETTE, IN 47905-2272ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop <u>3214541</u>

Transx 14003561

Pickup 28-MAY-20

Container 28953131

30 DT

Unit No DT 42-28

Manifest 001094696WAS

Net Weight

Gross Weight

Tare Weight

46320

82020

35700

Scale Date 28-MAY-20

Net Tons _____ 23.16



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214541

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094696WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 28-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	21,010
	Totals	1	21,010

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TX



DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

4. Manifest Tracking Number 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone UNIFORM HÁZARDOUS IND005478094 (800)326-1221 004094697 **WASTE MANIFEST** Ť Generator's Site Address (if different than mailing address) 5. Generator's Name and Mailing Address LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191 GEN: 211325 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 cilitys Phone: (765)435-2704 IND980503890 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12 Unit 13. Waste Codes and Packing Group (if any)) HM Nο Type Quantity Wt No! RO.UN3432.POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE.9.PGIII.(PCB REMEDIATION WASTE).(RO = 1 LB).ERG#171 20000 X 1 DT GENERATOR 14. Special Handling Instructions and Additional Information
1. W1 Q1494188 T#14003563
WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 5/25/20 14. Special Handling Instructions and Additional Information Trailers: 42-29 BULK PCB REMEDIATION WASTE TRAILER ERI: HERITAGE [13341720] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262,27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true Generator's/Offeror's Printed/Typed Name Connex Heddeside Day Month Year Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S. Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signature Month Day Year Transporter 2 Printed/Typed Name 28 20 Day Month Year 18. Discrepancy 18a. Discrepancy Indication Space Type Residue Partial Rejection Full Rejection Quantity Manifest Reférence Number 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Year Month Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Printed/Typed Nam Signature Month Day 28 051 EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.



Generator 211325

Facility

9019

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214542

Transx 14003563

Gross Weight 81040

Pickup 28-MAY-20

Tare Weight 34260

Container 28953150

30 DT

Net Weight 46780

Unit No DT 42-24

Manifest 001094697WAS

28-MAY-20 Scale Date

Net Tons

23.39



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214542

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094697WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 28-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	21,219
	Totals		21 219

EMPRESSES

OUTCOMESSES

OUTCOME

1	~	JNIFORM HAZARDOUS	1. Generator ID Number	1 -	1	ergency Response		4. Manifest	Tracking Nu	mber	3.8.6	
	Ļ	WASTE MANIFEST	IND005478094			800)326				4698	VV	<u>AS</u>
H	10	Generalors wange and walls GREAT STATE STATES STATES	OO Address A TETTE, LLC / LINDLEY JA	RAETT		or's Site Address		an maning agores	SS)			
		LAFAYETTE, I	N 47905-2272 65}771-3191		LAF	AYETTE, I: 21132	IN 47	'905-227 _'	2			
		Senerator's Phone: . Transporter 1 Company Nam	ne	***************************************	<u> </u>	WW		U.S. EPA ID N	Vumber		***	
	L	HERITAGE TRA	MSPORT LLC - RAIL					IMDO	584841	14		
	7	. Transporter 2 Company Nam	ne					U.S. EPA ID N	lumber			
	<u> </u>	. Designated Facility Name an	nd Sile Address					U.S. EPA ID N	lumbor		T	
		HERITAGE ENV	IRONMENTAL SERVICES							ema		
		ROACHDALE, I	Y ROAD 1275 M N 46172-7573 '65/435-2704					1 1402	805038	770		
	r	donney of mone:	ion (including Proper Shipping Name, Hazard Class, ID No	ımber.	***************************************	10, Contair	ners	11. Total	12. Unit		·	
		HM and Packing Group (if a				No.	Туре	Quantity	Wt./Vol.	13. Wa	aste Codes	S
8	1	i. X Rg, Unga	32. POLYCHLORINATED RIPHE	MYLS,		1	DT	-20000	t ĸ [
GENERATOR	L	WASTE), (RG	TURE, 9, PGIII, (PCB REMEDI) = 1 LB), ERG#171	ATION				2264				
GEN		2.						ES.18-20				
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		BULK PGB REME	DIATION WASTE TRAIL	ER Trai	ler#:	42.29	£	ERI: HERI	TAGE	CI	13341	9213
	1		OR'S CERTIFICATION: I hereby declare that the contents irded, and are in all respects in proper condition for transp									
		Exporter, I certify that the	contents of this consignment conform to the terms of the a nimization statement identified in 40 CFR 262.27(a) (if I an	attached EPA Ackno	wledgmen	t of Consent.	_	•				•
$\ \ $	G	enerator's/Offeror's Printed/Ty	ped Name Conner Hedderic	en si	gnature	0	La			Month		Year
<u> </u>	1	6. International Shipments	- Accoric Latayet		(Jour	DEG	an		<u> 0</u> S	128	<u> 20</u>
E	1	ransporter signature (for expo	Import to U.S. orts only):	Export from	U.S.	Port of en Date leavi						
-	1	7. Transporter Acknowledgmer		0.								
TRANSPORTER		ransporter 1 Printed/Typed Na Seff Alfor		Si	gnature	1 acts	D			Month	Day	Year 20
ANS	Ti	ransporter 2 Printed/Typed Na		Si	ghatyre		-X			Month		Year
TR.	7	8. Discrepancy						***				
\prod	H	8a. Discrepancy Indication Spa	ace Duantity Typ	De		Residue		Partial Rej	ection		Full Reje	ction
		NG COMMAN 1. DA	SATURD PER PUBLIT PREZBIN	4	25-28	r-20 lanifest Reference	Number	-,			,-	
È	1	8b. Alternate Facility (or Gene	rator)	iit kkaninaankamuumu	IV.			U.S. EPA ID N	lumber		***************************************	***************************************
FACI	Excility's Phone:											
回	1	8c. Signature of Alternate Faci	ility (or Generator)							Mont	h Day	Year
DESIGNATED FACILITY	19	9. Hazardous Waste Report M	lanagement Method Codes (i.e., codes for hazardous was	ste treatment, dispos	al, and re	cycling systems)						
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	1	Decignated Equilibration	H132 or Operator: Certification of receipt of hazardous materials	covered by the	ifort :	nt on nated in the	19/					
		u. Designated Facility Owner or rinted/Typed Marge	or Operation. Certailication or receipt of nazardous materials		nitest exce gnature	pras noted in iteM	1 1981)		Month	h Day	Year
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E۲	+\	onn 6700-22 (KeV. 12-17)	Previous editions are obsolete.		, -	DES	IGNATE	D FACILITY	TO EPA	's e-MANI	FEST S	SYSTEM



Generator211325Facility9019ARCONIC LAFAYETTE, LLCHERITAGE ENVIRONMENTAL SERVICES3131 MAIN ST4370 W COUNTY ROAD 1275 NLAFAYETTE, IN 47905-2272ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Transx 14003565

Stop 3214543

Tare Weight 30780

Pickup 28-MAY-20

Container 28953151 30 DT **Net Weight** 49960

Unit No DT 42-29

Manifest 001094698WAS Scale Date 28-MAY-20

Net Tons 24.98

80740

Gross Weight



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214543

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094698WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 28-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	22,661
	Totals		22,661

542 4. Manifest Tracking Number 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone UNIFORM HAZARDOUS **WASTE MANIFEST** IND005478094 (800)326-1221 00'102'1629Generator's Name and Mailing Address Generator's Site Address (if different than mailing address) LLC Z LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. FPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Acilitys Phone: (765)435-2704 IND980503890 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12 Unit 13. Waste Codes and Packing Group (if any)) НМ No. Quantity Wt/Vol Type X ů, DT 20000 K GENERATOR RQ. UN3432, POLYCHLORINATED BIPHENYLS. SOLID. MIXTURE. 9. POIII. (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171 22153 Q5.2820 4 14. Special Handling Instructions and Additional Information 14. Special Handling Instructions and Additional Information
1. W1 01494188 T#14003567
WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 5/29/20 Trailer#: 42-23 BULK PCB REMEDIATION WASTE TRAILER ERI: HERITAGE [13341722] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Conver Day Year Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.: Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials TRANSPORTER Transporter 1 Printed/Typed Name Signature Month Day Year 20 28 Transporter 2 Printed/Typed Name 18. Discrepancy 18a. Discrepancy Indication Space Quantity Residue Partial Rejection Full Rejection

@5-28-20 18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Year Month Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Printed/Typed Na Signature NS.

DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.



Generator211325Facility9019ARCONIC LAFAYETTE, LLCHERITAGE ENVIRONMENTAL SERVICES3131 MAIN ST4370 W COUNTY ROAD 1275 NLAFAYETTE, IN 47905-2272ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214544

Transx 14003567 Gross Weight 83020

Pickup 28-MAY-20 Tare Weight 34180

 Container
 28953189
 30 DT
 Net Weight
 48840

Unit No DT 42-23

 Manifest
 001094699WAS
 Scale Date
 28-MAY-20

Net Tons ____24.42



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214544

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094699WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 28-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	22,153
	Totals		22,153

398 Form Approved. OMB No. 2050-0039

A	UNIFORM HAZARDOUS	1. Generator ID Nun	ber	2. Page 1 of	3. Emergency Response	Phone	4. Manifest T	racking Nu	mber	, _	
	WASTE MANIFEST	IND0054	78094	1	(800)326	-1221		109	4700	W	AS
	5. Generator's Name and Mailin	ng Address	The second se		Generator's Site Address	(if different tha			s 4 18 19	4 8	- 43
	ARCONIC LAYE	AYELLE, L	LC_/_LINDLEY_JARKE		3131 MAIN		L, LLL				
	3131 MAIN ST LAFAYETTE, I	N 47905-2	272		LAFAYETTE,	0 t N 47'	905-2277	3			
Ш	l (7	65)771-31		ı	GEN: 21132	4417 17 63	P Waller Street Street				
	Generator's Phone: 6. Transporter 1 Company Nam						U.S. EPA ID N	umhor		·····	
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Ш	HERITAGE TRA		L - MAIL					8484	114		
	7. Transporter 2 Company Nam	ne					U.S. EPA ID N	umber			
	8. Designated Facility Name an		e enement e enement				U.S. EPA ID N	umber			
	HERITAGE ENV	HIMBANIA CE AANG V	r oenvileo Te m				TNDGE	105038	990		
	4370 W COUNTY ROAD 1275 N IND980503890 ROACHDALE, IN 46172-9593										
		651435-27					1				
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	9a. 9b. U.S. DOT Descripti HM and Packing Group (if		Shipping Name, Hazard Glass, 15 Namber,		No.	Туре	11. Total Quantity	12. Unit Wt./Vol.	13. W	Vaste Code:	3
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¥	SOLID, MIX	TURE, 9, PG	III. (PCB REMEDIATI	ON	•		22,734				
GENERATOR	WASTE); (RO	t = 1 LK)	EKG#171								
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	14. Special Handling Instruction	ns and Additional Info	mation			<u> </u>			hot.	- 50	120/4
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Ш	BULK PCB REME	DIATION W	ASTE TRAILER	Trail	er#: 42-24	E	RI:HERIT	FAGE	E	13341	9233
			1: I hereby declare that the contents of this								
11	marked and labeled/placa	rded, and are in all re	spects in proper condition for transport acc	ording to appli	icable international and nati						
Ш			gnment conform to the terms of the attache								
	Generator's Offerer's Printed To	mod Namo	dentified in 40 CFR 262.27(a) (if I am a large	Sic	nature	iii quariity geri	erator) is true.		Mont	h Day	Year
Ш	Generator s/Oneror s Printed/Ty	A COM	es Hedderick on	I I	griature	Ha			1 4	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	31 2 2
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E	Transporter signature (for expo				Date leavi	ng U.S.:					
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≥	18b. Alternate Facility (or Gene	rator)			mannest veleteuce	, rturriber.	U.S. EPA ID N	umber			
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		or Operator: Certificat	ion of receipt of hazardous materials cover				7				
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Generator211325Facility9019ARCONIC LAFAYETTE, LLCHERITAGE ENVIRONMENTAL SERVICES3131 MAIN ST4370 W COUNTY ROAD 1275 NLAFAYETTE, IN 47905-2272ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Transx 14003569

Tare Weight 33960

Pickup 29-MAY-20

Stop 3214545

Container 28954381 30 DT **Net Weight** 50120

Unit No DT 42-24

 Manifest
 001094700WAS
 Scale Date
 29-MAY-20

Net Tons 25.06

84080

Gross Weight



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214545

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094700WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 29-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	22,734
	Totals	1	22,734

TX:



Form Approved OMP No. 2050 002

A	UNII	FORM HAZARDOUS	1. Generator ID Number	2. Page 1 of	3. Emergency Response	Phone	4. Manifest Tracking Number				
		ASTE MANIFEST	IND005478094	3	(800)326	-1221	Û	0109	4701	W	AS I
	5. Ge	enerator's Name and Mailin	g Address	that set	Generator's Site Address	(if different tha			8 8 '8' 8		
H		atal linuu n To utam et	ATETTE, LLC / LINOLEY JARRE		ARCUNIC LA	- AYETTI	E, LLG				
	1	131 MAIN ST	N 47905-2272		3131 MAIN S LAFAYETTE,	31 The 479	905-227	2			
Ш	l	₹7.	65)771-3171	ı	GEN: 21132	_	PV41 Sect	Guin,			
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Ш	i .	ansporter 1 Company Nam					U.S. EPA ID N				
		medicarios ou conservantes de la composition della composition del	MSPORT LLC - RAIL					584841	114		
Ш	7. Tra	ansporter 2 Company Nam	e				U.S. EPA ID N	lumber			
		signated Facility Name an					U.S. EPA ID N	lumber			
Ш	HERITAGE ENVIRONMENTAL SERVICES										
Ш	4370 W COUNTY ROAD 1275 N IND980503890 ROACHDALE, IN 46172-9593										
			65)435-2704				1				
	 		on (including Proper Shipping Name, Hazard Class, ID Number,		10. Contair	om	44 7 1 1	40 11 11	***************************************		
Ш	9a. HM	and Packing Group (if a			No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Wa	ste Codes	I
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Ш	MC	ii TW DEF II	13 My EDITUMIE: CMMTIES! !		110 AL	un ber 1	VILE J			11,14	"E)
	BL	ILK PCB REME	DIATION WASTE TRAILER	Trail	er#420	٤	RI:HERI	TAGE	C1	3341	924I
	15.	GENERATOR'S/OFFERO	R'S CERTIFICATION: I hereby declare that the contents of this			scribed above	by the proper sh	ipping name	, and are classif	ed, packa	ged,
Ш			rded, and are in all respects in proper condition for transport acc			onal governme	ental regulations.	If export shi	pment and I am	the Prima	ry
Ш			contents of this consignment conform to the terms of the attache imization statement identified in 40 CFR 262.27(a) (if I am a lar			il quantity gen	erator) is true.				
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-	10h	Alternate Facility (or Gener	estor)		Manifest Reference	Number:	U.S. EPA ID N	lumbor			
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12		ity's Phone:	Et. (as Carasstan)						1 344	D	
世	100.	Signature of Alternate Facil	inty (or Generator)						Month	Day	Year i
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DESIGNATED FACILITY		lazardous Waste Report M	anagement Method Codes (i.e., codes for hazardous waste trea	atment, disposa	al, and recycling systems)		1,				
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			or Operator: Certification of receipt of hazardous materials cover			n 18a	M -				.,
$\ \ $	Print	d/Typed Name	11.	Šią	inature) -	1. 7	Wan.		Month	Day	Year
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Generator 211325

Facility

9019

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214546

Transx 14003571

Gross Weight

79920

Pickup 29-MAY-20

Tare Weight

33400

Container 28954383

30 DT

Net Weight

46520

Unit No DT 42-27

Manifest 001094701WAS

Scale Date 29-MAY-20

Net Tons 23.26



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214546

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094701WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 29-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	21,101
	Totals		21,101

2. Page 1 of 3. Emergency Response Phone 4. Manifest Tracking Number 1. Generator ID Number **UNIFORM HAZARDOUS** TM0005478094 (800)324-1221 **WASTE MANIFEST** 004094702 Generator's Site Address (if different than mailing address) Generator's Name and Mailing Address LLC / LINDLEY JARRETT 3131 MAIN ST 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325 LAFAYETTE, IN 47905-2272 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IMD058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 IND980503890 (765)435-2704 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 9a 13. Waste Codes and Packing Group (if any)) нм Quantity Wt Not No. Type X 20000 RQ. UN3432. POLYCHLORINATED BIPHENYLS. ģ DT GENERATOR SOLID, MIXTURE. 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERGNI71 14. Special Handling Instructions and Additional Information 1. WI 01474188 TH14003573
WET IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 5/29/20 20/57/5 Trailer# 42-32 ERI: HERITAGE [2541452] **BULK PCB REMEDIATION WASTE** TRAILER 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true Generator's/Offeror's Printed/Typed Name Connect Hedderick Signature Month Day Year 16. International Shipments __ import to U.S. Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.: 17. Transporter Acknowledgment of Receipt of Materials TRANSPORTER Transporter 1 Printed/Typed Name Signature Month Day Year 5 20 Signatur Transporter 2 Printed/Typed Name Month 18. Discrepancy 18a. Discrepancy Indication Space Type Quantity Residue Partial Rejection Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Month Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a njed/Typed Name Month Day 5

1an



Generator211325Facility9019ARCONIC LAFAYETTE, LLCHERITAGE ENVIRONMENTAL SERVICES3131 MAIN ST4370 W COUNTY ROAD 1275 NLAFAYETTE, IN 47905-2272ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop	3214547			
Transx	14003573		Gross Weight	75600
Pickup	29-MAY-20		Tare Weight	31160
Container	28954389	30 DT	Net Weight	44440
Unit No	DT 42-32			
Manifest	001094702W	AS	Scale Date	29-MAY-20

Net Tons 22.22



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214547

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094702WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 29-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	20,157
	Totals		20,157



Form Approved OMR No. 2050-003

FIE	ise print or type.								B No. 2050-0039
 	WASTE MANIFEST	1. Generator ID Number IND005478094	2. Page 1 of 3. Eme	rgency Response F 800)326-		4. Manifest	Tracking Nun Q 1 Q Q :		WAS
	5. Generator's Name and Mailin	g Address YETE, LLC / LINDLEY J	General General	or's Site Address (i	f different th	n mailing addres	ss)		
	3131 MAIN ST LAFAYETTE, I	•	313 LAF	I MAIN S AYETTE, E 211325	IN 47				
	Generator's Phone: 6. Transporter 1 Company Nam			Two As As Not Report		U.S. EPA ID I	Jumber		
		NSPORT LLC - RAIL				_	584841	14	
	7. Transporter 2 Company Name U.S. EPA ID Number								
Ш	8. Designated Facility Name and					U.S. EPA ID N	lumber		
	4370 W COUNT ROACHDALE, I	IRONMENTAL SERVICES Y ROAD 1275 N N 46172-9593 A5/435-2704				IND9	805038	90	
Ш		on (including Proper Shipping Name, Hazard Class, ID	Number.	10. Containe	ers	11. Total	12. Unit		
	HM and Packing Group (if a			No.	Туре	Quantity	Wt./Vol.	13. Was	te Codes
GENERATOR	X ROJUN34 SOLID, MIX WASTE), (RO	32.POLYCHLORINATED BIPH TURE.9.PGIII.(PCB REMED = 1 LB).ERG#171	ENYLS: IATION	e e e e e e e e e e e e e e e e e e e	DT	20000	K		
- GEN	2.						-		·
	3.								
	4								
	14. Special Handling Instruction	ns and Additional Information					Щ,		780 //4
	1.W1 01494188	s and Additional Information TM14003575 TS AN ESTIMATE, EARLIE	et date de bei	INUAL EDI	M GED	utre 5	_	22 21	(7) kg
	BULK PCB REME	DIATION WASTE TRAI	LER Trailer#:	42-29	, war.	RI:HERI	TAGE	=== Z/	33419261
	15. GENERATOR'S/OFFERO	R'S CERTIFICATION: I hereby declare that the conte	nts of this consignment are fully	and accurately des	cribed above	by the proper sh	ipping name,	and are classifie	d, packaged,
	Exporter, I certify that the	contents of this consignment conform to the terms of the imization statement identified in 40 CFR 262.27(a) (if I	e attached EPA Acknowledgmen	t of Consent.	-		п ехрот этр	ilientand rain t	ne r mary
	Generator's/Offeror's Printed/Ty	ped Name Conner Hedderick	on Signature	9 1	7	1		Month	Day Year
1	16. International Shipments	Arconic balayete,		<u>on Ox</u>	COC	lee_		5	29/20
E	Transporter signature (for expo		Export from U.S.	Port of entr Date leavin	_				
띪	17. Transporter Acknowledgmen Transporter 1 Printed/Typed Nat		Signaturo		······	<u> </u>		Month	Day Year
P. P.	Jeff Alfor	rd	17/	Ach	22	<u> </u>		15	29 20
TRANSPORTER	Transporter 2 Printed/Typed Na	me	Sjønardre	0				Month	Day Year
<u></u>	18. Discrepancy								<u> </u>
	18a. Discrepancy Indication Spa	ace Quantity	Туре	Residue		Partial Rej	ection		Full Rejection
F	18b. Alternate Facility (or Gener	rator)		anifest Reference	Number:	U.S. EPA ID I	Number		
ACILI	Englished Dhanes					1			
DESIGNATED FACILITY	Facility's Phone: 18c. Signature of Alternate Faci	lity (or Generator)						Month	Day Year
SIGN	19. Hazardous Waste Report M	anagement Method Codes (i.e., codes for hazardous v	vaste treatment, disposal, and re	cycling systems)				1	<u> </u>
	1.	H132	3.			4.			,
	ATTOMOSPHER STATE OF THE PARTY	or Operator: Certification of receipt of hazardous materi		pt as noted in Item	18a	A			Day Vi-
$\ $	Printed/Typed Name	Villiams	Signature)	uon (Sel	Keron	12	Month	Day Year



Generator 211325
ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214548

Transx 14003575

Gross Weight 78520

Pickup 29-MAY-20

Tare Weight 30740

Container 28954392

30 DT

Net Weight 47780

Unit No DT 42-29

Manifest 001094703WAS

Scale Date 29-MAY-20

Net Tons

23.89



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214548

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094703WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 29-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	21,672
	Totals	1	21,672

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				BEIEE			【製菓 店	提翻		
			医器 排		翻翻					
		意情を持	養養用	医新性	挑艦		[編纂]	(後春)	 福報 	
	DI									
	PIRASE DUDI OF IV	ma .								

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Form Approved OMP No 2050 00

1	WAS	RM HAZARDOUS STE MANIFEST	1. Generator ID Nur INDO054	178094		1	(8	ncy Response	-1221		Tracking Nu 0109	4704		AS		
	31: LA	31 MAIN ST FAYETTE, I			' JARRE'	११ 	3131 LAFA	MAIN S	5T IN 47	ap mailing address						
		porter 1 Company Nam RITAGE TRA		C - RATI						U.S. EPA ID I	Number 58484:	114				
		porter 2 Company Nam		PIT FIRE Apr							U.S. EPA ID Number					
	8. Desig	nated Facility Name and	d Site Address							U.S. EPA ID I	dumher					
	HE 43 RO	RITAGÉ ENV 70 W COUNT ACHDALE, I	IRONMENTA Y ROAD 12	7593							805031	390				
	9a.			Shipping Name, Hazard Clas	s, ID Number,			10. Contain	ners Type	11. Total Quantity	12. Unit Wt./Vol.	13. Wa	ste Codes			
GENERATOR —	X 1	RQ.UN34 SOLID. MIX WASTE).(RQ	TURE, 9, PE	HLORIMATED BI BIII, (PCB REP ERG#171	PHENYL:	Š, ON		1	DT	20000	×					
- GENE	2															
	3															
	4															
	14. Sper 1. W WGT	cial Handling Instruction 1 Q1474188 TH SEC 11	s and Additional Info T#140035 IS AN ES	omation 577 STIMATE: EARL JASTE TR	.IEST D	ATE OF	REMO	VAL FRI	OM SER	VICE <u>5</u>	129	w 20	42,0 19,35	60 Kg		
	15. GE ma Ex	NERATOR'S/OFFERO arked and labeled/placar porter, I certify that the o	R'S CERTIFICATIOn ded, and are in all reconstructed to the construction of this construction.	N: I hereby declare that the espects in proper condition for ignment conform to the terms	contents of this or transport acco	consignment a ording to applic d EPA Acknowl	are fully and cable internated	accurately des ational and national Consent.	scribed above onal governn	e by the proper sh nental regulations.	nipping name	, and are classi	ied, packa	ged,		
				identified in 40 CFR 262.27(a			erator) or (b) (if I am a sma	Il quantity ge	nerator) is true.		Month	Day	Year		
<u>↓</u>	100	half of f	trance	Laboreth	و, الم	<u>C</u>		<u>a 0</u>	ted	den		- 5	129	20		
INT	·	orter signature (for expo	import to ts only):	U.S.	Ш	Export from U	J.S.	Port of ent Date leavi								
ER		sporter Acknowledgmen rter 1 Printed/Typed Nar		ials		Qi _m			>			Month	Day	Year		
POR	папаро	Je	rad s	Afan			nature _	/6				15	129	200		
TRANSPORTER INTL	Transpo	rter 2 Printed/Typed Na	me			Sigi	nature					Month	Day	Year		
\uparrow	18. Disc 18a. Dis	repancy crepancy Indication Spa	ace Quan	ntity	Туре			Residue		Partial Rej	ection		Full Reje	ction		
CILITY -	18b. Alte	ernate Facility (or Gener	ator)				Mani	fest Reference	Number:	U.S. EPA ID I	Number		<u> </u>			
DESIGNATED FACILITY	Facility's 18c. Sig	s Phone: nature of Alternate Facil	lity (or Generator)									Monti	n Day	Year		
ESIG		ardous Waste Report M	anagement Method	Codes (l.e., codes for hazard	ous waste treat	-	l, and recyc	ling systems)		1,						
٦	1.		H132	2.		3.				4.						
		<u> </u>	•	tion of receipt of hazardous r	naterials covere			as noted in Item	n 18a	-M		14	, Davi	Van-		
		Typed Name	sillian	mc		Sig. 	nature 6	noi (NI I	NIOW	Ž	Monti		Year		



Generator 211325 ARCONIC LAFAYETTE, LLC **3131 MAIN ST**

LAFAYETTE, IN 47905-2272

9019 Facility

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214549

Transx 14003577

Gross Weight 76480

Pickup 29-MAY-20

Tare Weight 33820

Container 28954580

30 DT

Net Weight 42660

Unit No DT 42-28

Manifest 001094704WAS

Scale Date 29-MAY-20

Net Tons

21.33



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214549

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094704WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 29-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	19,350
	Totals		19,350

CONTROL OF THE PROPERTY OF THE

T UNITONIA INZANDOOS					1	1	ncy Response		4. Manifest Tracking Number 001094705 WAS					
		ASTE MANIFEST	INDOOS4			Š		90)326.				4/05	<u></u>	<u>'AS</u>
\vdash	. A	CONTC LAYE	AYETTE, L	LC / LINDLE	y Jarre	.TT		MAIN :		an mailing addres				
	Li	AFAYETTE, I	N 47905-2	272			LAFA	YETTE,	IN 47	905-227	2			
		ators Phone:	65)771-31	. 71			GEN:	21132	5					
	1	nsporter 1 Company Nam ERITAGE TRA		E _ DATE						U.S. EPAID N	Number 58484:	t t #		
		Sporter 2 Company Nam		.c - KHIL						U.S. EPA ID N		114	~~~	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		,												
	8. Desi	ignated Facility Name an	nd Site Address	, eggirage						U.S. EPA ID N	Number		***************************************	· · · · · · · · · · · · · · · · · · ·
	43	ERITAGE ENV 170 W COUNT	Y ROAD 12	175 N						INDP	805038	390		
		JACHDALE, I	N 46172-9 65)435-27	1593 104						ı				
	9a.	,		Shipping Name, Hazard Cl	ass, ID Number			10. Contain	ners	11. Total	12. Unit			
	9a. HM	and Packing Group (if a		Et 2	,			No.	Туре	Quantity	Wt./Vol.	13.\	Waste Code	\$
OR -	Х	1. Ko. UNG4	32. POLYCH	LORINATED &	IPHENYL	fi.		ţodo	DT	20000	к			
GENERATOR		SOLID, MIX WASTE),(RG	1 = 1 LR),	III, (PCB KE ERG#171	un'		*		Ψ					
ENE		2.												
ا														
	$\vdash \vdash$	3.	***************************************		The state of the s	***************************************					 			
		4. ·												
		4.		-										
14. Special Handling Instructions and Additional Information 1. W1 Q1474188 T#14003577 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 5/29/20												41,24	0 65	
	โพ้ตา	T IN SEC 11	TIS AN ES	STIMATE: EAR	LIEST D	NATE OF	REHO	VAL FRO	OM SEF	NICE 2	129	120	18,70	6Ks
		LK PCB REME			RAILER	Trail	er#: _	12-2	4	ERI:HERI			13341	
				N: I hereby declare that the espects in proper condition		consignment	are fully and	accurately des	scribed above					
				ignment conform to the terridentified in 40 CFR 262.27					Il quantity ge	nerator) is true.	,			-
	Genera	ator's/Offeror's Printed/Ty	ped Name CONI	per Hedder	rck on	Sig	nature		1 1			Mon		Year
¥	16. Inte	InauC of A emational Shipments		Lafayett,	, LLC	<u>, L</u>		ent E	dde	· ·			29	20
L		porter signature (for expo	import to orts only):	U.S.	L_	Export from U	U.S.	Port of ent Date leavir	-					
ER	17. Tra	insporter Acknowledgmer	nt of Receipt of Materi	als										
TRANSPORTER	1/	orter 1 Printed/Typed Na				Sigi I ∂ i	nature	, A-	_			Mon		Year
NSP		orter 2 Printed/Typed Na	hme .			Sig	nature) trai	0			Mon	لــــــــــــــــــــــــــــــــــــــ	Year
TRA														
1	-	screpancy												
	18a. D	riscrepancy Indication Spa	ace Quan	tity	Туре			Residue		Partial Rej	ection		Full Reje	ection
							Mani	fest Reference	Number:					
È	18b. A	Iternate Facility (or Gene	rator)				mail	21.1.0.0701100		U.S. EPA ID N	Number			
ACIL										1				
		y's Phone: ignature of Alternate Faci	ility (or Generator)						***************************************			Mo	nth Day	Year
DESIGNATED FACILITY			·											L
ESIG		zardous Waste Report M	lanagement Method	Codes (i.e., codes for haza	rdous waste trea		al, and recycl	ing systems)		1,				
ă	1.		H132	Z .		3.				4.				
	20. De	signated Facility Owner of	***************************************	I tion of receipt of hazardous	materials cover	ed by the mani	ifest except a	nated in Item	n 18a_		,			
		d/Typed Name	<u>. //: </u>				nature)					Moi	nth Day	Year
¥	(2)	rian Wi	MUNUMS				SU	och	IX	lows	•	4	5 129	20



Generator211325FacilityARCONIC LAFAYETTE, LLCHERITA3131 MAIN ST4370 W

HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

9019

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214550

LAFAYETTE, IN 47905-2272

Transx 14003579 Gross Weight 75000

Pickup 29-MAY-20 Tare Weight 33760

Container 28954865 30 DT **Net Weight** 41240

Unit No DT 42-24

Manifest 001094705WAS Scale Date 29-MAY-20

Net Tons 20.62



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214550

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094705WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 29-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	18,706
	Totals	1	18,706

CONTRACTOR

CONTRA

T	UNIF	FORM HAZARDOUS ASTE MANIFEST	1. Generator ID Nui		2. Page 1 of	ncy Response	4. Manifest Tracking Number 001094706 WAS									
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	3	iði main st Afayette, i	•		e begin an en e com	, , ,	3131	MAIN :	ST	905-227						
		rator's Phone:	857771-31	191		ı	GEN:	'Zilā2	219 Tr	Paral Colors	5					
	6. Tra	nsporter 1 Company Nam		A CAMPA CENTRAL VINCANO CONTRAL CONTRACTOR CONTR						U.S. EPA ID I						
	L	ERITAGE TRA		<u>.C - RAIL</u>			······································			U.S. EPA ID Number						
	7. 110	insponer 2 Company Nair	ic								AUTHOCI.					
		signated Facility Name an		AI CEMITTEE					***************************************	U.S. EPA ID I	Number					
	桑	370 W COUNT	Y ROAD 12	275 N						IHD9	80503	B90				
	1	OACHOALE, I by's Phone:	n +01/2-7 65/435-27	7273 704												
	9a.			Shipping Name, Hazard Cla	ss, ID Number,			10. Contair	r	11. Total	12. Unit	13. V	Vaste Code	s		
$\ \ $	НМ	and Packing Group (if a	ally))					No.	Туре	Quantity	Wt./Vol.	T				
GENERATOR	X RQ.UN3432.POLYCHLORINATED BIPHENYLS. 1 DT SOLID, MIXTURE.9.PGIII.(PCB REMEDIATION WASTE).(RQ = 1 LB).ERGW171									20000	K			2440344400000044000020000		
		2.														
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	14. S	pecial Handling Instruction	ns and Additional Info	ormation							<u></u>	WAT	480	60/65		
	u ü	W1 G1494188 T IN SEC 11	T#140035 IS AN ES	ormation 581 671 11A TE: EARI	LIEST D	INTE OF	REMO	VAL FR	OH SE	NUICE 5	129	120	21,79	99 KS		
		LK PCB REME			RAILER	Trail		12-2	$\boldsymbol{\omega}$	KI:HERI			13341	- 1		
				N: I hereby declare that the espects in proper condition for												
		Exporter, I certify that the	contents of this consi	ignment conform to the term identified in 40 CFR 262.27(s of the attache	d EPA Acknow	dedgment of	Consent.	·	•	подроген	pinoni una ra	410 7 71111	,		
	Gene	rator's/Offeror's Printed/Ty	ped Name Conn	ver Heddesia	L on		nature		1	1		Mon		_ 1		
1	1000	ternational Shipments	Arconic	. Latagette,	LLC	<u> </u>			Cals	(ex	· Constitution of the cons	16	7 29	120		
NTL	1	sporter signature (for expo	Import to trs only):	U.S.		Export from U	U.S.	Port of end Date leavi		1						
開	-	ansporter Acknowledgmer porter 1 Printed/Typed Na	***************************************			Çin	nature	-//	$\mathcal{A}\mathcal{A}$			Mont	h	. Year		
TRANSPORTER	116113	poner i i inneur i y ped i na	ORY Y	num			iialuie	MI				3	49/	Less.		
MS	Trans	porter 2 Printed/Typed Na	me			Sig	nature					Mon	th Day	Year		
E	18. Di	screpancy						<u> </u>								
	18a, I	Discrepancy Indication Spa	ace Quan	ntity	Туре			Residue	··········	Partial Rej	ection		Fuli Rej	ection		
	406	Manada Fačilik (az Cana				DONNO DAKS PROGRAMMENTON	Mani	est Reference	Number:	LIO PDAIDA						
Ę	180.	Alternate Facility (or Gene								U.S. EPA ID I	Number 190mun					
FAC		ly's Phone:						TATE HE THE THE THE TATE OF TH	NOTE HERE THE SECOND AS A	Ĺ	10-4-10-10-10-10-10-10-10-10-10-10-10-10-10-					
ATEL	18c. 8	Signature of Alternate Faci	lity (or Generator)			*						Mor	nth Day I	y Year		
DESIGNATED FACILITY	19. H	azardous Waste Report M	anagement Method	Codes (i.e., codes for hazard	dous waste trea	ntment, disposa	al, and recyc	ing systems)				L				
띰	1.		H132	2.		3.				4.						
	20. D	esignated Facility Owner of	***************************************	ation of receipt of hazardous	materials cover	ed by the mani	ifest except a	s noted in Iten	n 18a	71		····				
		d/Typed Name	r //c				Zalura			liam		Mor	一・ンá	Year		
1	10	rian W	1110ary			(MO	u u		WIN.		1) M7	100		



Generator 211325

Facility

9019 HERITAGE ENVIRONMENTAL SERVICES

ARCONIC LAFAYETTE, LLC **3131 MAIN ST**

4370 W COUNTY ROAD 1275 N

LAFAYETTE, IN 47905-2272

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214551

Transx 14003581

Gross Weight 81320

Pickup 29-MAY-20

Tare Weight 33260

Container 28955368 30 DT **Net Weight**

48060

Unit No DT 42-27

Manifest 001094706WAS

29-MAY-20 Scale Date

Net Tons 24.03



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214551

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094706WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 29-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	21,799
	Totals		21,799

TX: 4. Manifest Tracking Number 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone UNIFORM HAZARDOUS WASTE MANIFEST IND005478094 (800)326-1221 001094707 Generator's Site Address (if different than mailing address) Generator's Name and Majiling Address
ARCUNIC LAYFAYETTE, LLC / LINOLEY JARRETT 3131 MAIN ST 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325 LAFAYETTE, IN 47905-2272 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593
scilitys Phone: (765)435-2704 IND980503890 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) Wt./Vol. НМ Quantity No. Type GENERATOR X DT **40000**0 K RO. UN3432, POLYCHLORINATED BIPHENYLS: 1 23,7Ĭ4 SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171 W W 5-29-2026 4 14. Special Handling Instructions and Additional Information 1. W1 01494188 TH14003583

WET IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 5/29/20 23,714/Kg Trailer#: 42.32 TRAILER ERI: HERITAGE BULK PCB REMEDIATION WASTE 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Connec Month Day Year Export from U.S. Port of entry/exit: Date leaving U.S.: Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials TRANSPORTER Transporter 1 Printed/Typed Name Day Month Year RU Transporter 2 Printed/Typed Name 18. Discrepancy B Quantity
1850 | ved per Robert Prez 8 1100 W5 Ki BW 5-29-2026 18a. Discrepancy Indication Space Full Rejection DISCrepancy 18b. Alternate Facility (or Generator) FACILITY U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Signatup

Printed/Typed Name

rian



Generator 211325 ARCONIC LAFAYETTE, LLC **3131 MAIN ST** LAFAYETTE, IN 47905-2272

Facility 9019 HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214552

Transx 14003583

Pickup 29-MAY-20

Container 28955399

30 DT

Net Weight

Gross Weight

Tare Weight

52280

83300

31020

Unit No DT 42-32

Manifest 001094707WAS

Scale Date 29-MAY-20

Net Tons

26.14



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214552

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

LAFAYETTE, IN 47905-2272

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094707WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 29-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	23,714
	Totals	1	23,714

TX:

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- IUC		on type.	1. Generator ID Nu	mber		2. Page 1 of	3. Emerge	ency Response	Phone	4. Manifest T		mber	JIVID INU. A	2000-0038	
Î		ORM HAZARDOUS ASTE MANIFEST	INDO054			1		100)326			•	4708	W	AS	
_	5. Ger	perator's Name and Mailin	g Address	LC / LINDLEY	-JARRE	***	Generator	s Site Address (if different th	ap mailing address	5)				
	1	131 MAIN ST	•		.,, , , , , , , , , , , , , , , , , , ,		3131	MAIN S	3T						
		AFAYETTE, I	N 9/705-7 65)771-31			ı	GEN:	21132	14 47 2	905-2272	-				
		rator's Phone: nsporter 1 Company Nam	·							U.S. EPA ID N	umber				
	İ	ERITAGE TRA		.C - RAIL						IMDOS	8484	14			
	7. Trai	nsporter 2 Company Nam	ie		With the particular and the part					U.S. EPA ID N	umber		240 Maria de Caracteria de Car		
								· · · · · · · · · · · · · · · · · · ·				,			
	14	signated Facility Name and ERITAGE ENV	IROWNENTA	NL SERVICES						U.S. EPA ID N	umber				
	4.	370 U COUNT	Y ROAO 12	275 N				IHD780503870							
	Facilit	DACHDALE, I	n 401/2-7 65/435-2	70 4											
	9a.	9b. U.S. DOT Description		Shipping Name, Hazard Clas	s, ID Number,			10. Contain	ers	11. Total	12. Unit	12 16	/aste Code		
	HM and Packing Group (if any)) No.									Quantity	Wt./Vol.	13. 41	asie Code	,	
8	Х	1. 	32. POLYCI	ALORINATED BI	PHENYL	.5.		1	DT	20000	K	-			
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	14. Special Handling Instructions and Additional Information 1. W1 Q1494188 T#14003585 WGT TN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM													17	
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		LK PCB REME			AILER			42-2		RI:HERI			13341		
				N: I hereby declare that the cespects in proper condition for											
				ignment conform to the terms identified in 40 CFR 262.27(a					l quantity ger	nerator) is true.					
	Gener	rator's/Offeror's Printed/Ty	ped Name <i>Conf</i>	er Hedderic	k on		nature) _i	7	<u> </u>		Mont		Year	
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04		sporter signature (for expo ansporter Acknowledgmen		ials	***************************************			Date leavir	ig U.S.:				W-040-11-11-11-11-11-11-11-11-11-11-11-11-11	***************************************	
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Α.	10h A	Alternate Facility (or Gener	rotor)	The Marie		, 000	Mar	nifest Reference	Number:	U.S. EPA ID N					
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FAC	Facilit	ty's Phone:								ĺ					
但	18c. S	Signature of Alternate Faci	lity (or Generator)							·····		Mor	th Day	Year	
SIA						-									
DESIGNATED FACILITY	19. Ha	azardous Waste Report M	anagement Method	Codes (i.e., codes for hazard	ous waste trea	ntment, disposa	al, and recy	cling systems)		4.					
			H132			ľ				["					
	20. De	esignated Facility Owner o	or Operator: Certifica	ıtion of receipt of hazardous n	naterials cover	red by the man	ifest except	as noted in Item	18a	2/					
		d/Typed Name	liane			Sig	nature	De W	r //	llow		Mon	th Day	Year	
4	106	rian Will	JUND					vu VV	W	Wyw-			14	120	



Generator 211325

Facility

9019

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214553

Transx 14003585

Gross Weight 81980

Pickup 29-MAY-20

Tare Weight

31080

Container 28955479

30 DT

Net Weight

50900

Unit No DT 42-29

Manifest 001094708WAS

Scale Date 29-MAY-20

Net Tons 25.45



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214553

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094708WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 29-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	23,088
	Totals	1	23,088



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Ш	W/	ASTE MANIFEST	INDO054	478094		1	(8))0)326·	-1221	U	Jaus	14709	W	AS
Ш	5. Ger	erator's Name and Mailin	g Address	LC / LINDLE	- total of the first flow	inge oper	Generator's	Site Address	(if different t	pan mailing addres	s)			
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Ш		ator's Phone:		L 7 %	******************************		See 17.	the di di "af her e	«					
Ш	6. Trar	nsporter 1 Company Nam	e							U.S. EPA ID N	umber			
	H	ERITAGE TRA	NSPORT LI	LC - RAIL						INDO	58494	114		
	7. Tran	nsporter 2 Company Nam	е				***************************************		***************************************	U.S. EPA ID N	umber		· · · · · · · · · · · · · · · · · · ·	***************************************
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豆	Facility	y's Phone:								<u>L</u>				
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DESIGNATED FACILITY	19. Ha	zardous Waste Report Ma	anagement Method	Codes (i.e., codes for haz	ardous waste trea	tment, disnosa	al, and recycl	na systems)				<u> </u>		
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Generator211325Facility9019ARCONIC LAFAYETTE, LLCHERITAGE ENVIRONMENTAL SERVICES3131 MAIN ST4370 W COUNTY ROAD 1275 NLAFAYETTE, IN 47905-2272ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214554

Transx 14003587 Gross Weight 84120

Tare Weight 33880

Pickup 29-MAY-20

Container 28955635 30 DT **Net Weight** 50240

Unit No DT 42-28

Manifest 001094709WAS Scale Date 29-MAY-20

Net Tons 25.12



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214554

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094709WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 29-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	22,788
	Totals		22,788

Ple	ase prir	nt or type.	398					Approved. O		2050-0039		
Ī	UNIF	ORM HAZARDOUS 1. Generator ID Number INDO05478094	1 1	mergency Response		4. Manifest	Tracking Nu			/AS		
	1	erator's Name and Mailing Address	i i	erator's Site Address				<u> </u>		AJ		
	3.4	3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191 Generator's Phone:										
	6. Trai	nsporter 1 Company Name ERITAGE TRANSPORT LLC - R	U.S. EPAID N	lumber 584841	114							
	L	nsporter 2 Company Name	U.S. EPAID N									
	8. Des	signated Facility Name and Site Address ERITAGE ENVIRONMENTAL SER	U.S. EPA ID N	lumber								
	4: R:	370 W COUNTY ROAD 1275 N DACHDALE, IN 46172-7573 ys Phone: (7651435-2704	IND9	905036	390							
	9a. HM	9b. U.S. DOT Description (including Proper Shipping National Packing Group (if any))	me, Hazard Class, ID Number,	10. Contai No.	ners Type	11. Total Quantity	12. Unit Wt./Vol.	13. Wa	ste Codes	S		
		RO. UN3432, POLYCHLORIN SOLID, MIXTURE, 9, PGIII, (NATED BIPHENYLS. PCB REMEDIATION	\$	DT	20000 23,042	- K					
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	7	14. Special Handling Instructions and Additional Information 1. W1 Q1474188 T#14003587 UGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 5/29/20 23,042kg BULK PCB REMEDIATION WASTE TRAILER Trailer#: \(\frac{12}{2}\)29 ERI: HERITAGE C133419331 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
	15. (LK PCB REFIED LATION WASTE GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby marked and labeled/placarded, and are in all respects in pre Exporter, I certify that the contents of this consignment confiled in 4 I certify that the waste minimization statement identified in 4	declare that the contents of this consignment are furoper condition for transport according to applicable form to the terms of the attached EPA Acknowledgm 40 CFR 262.27(a) (if I am a large quantity generator	Illy and accurately de international and national and nat	scribed abovernational governation	ve by the proper sh mental regulations.	TAGE ipping name	, and are classif	.3341 fied, packa	9331 aged,		
	15. (LK PCB REFIED LATION WASTE GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby a marked and labeled/placarded, and are in all respects in pre- Exporter, I certify that the contents of this consignment conficertify that the waste minimization statement identified in a rator's/Offeror's Printed/Typed Name Connect Technology.	declare that the contents of this consignment are furoper condition for transport according to applicable form to the terms of the attached EPA Acknowledgm 40 CFR 262.27(a) (if I am a large quantity generator	Illy and accurately de international and national and national of Consent. r) or (b) (if I am a smart)	scribed abovernational governation	ve by the proper sh mental regulations.	TAGE ipping name	, and are classif	ied, packa the Prima	9331 aged,		
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Generator 211325

Facility 9019

ARCONIC LAFAYETTE, LLC **3131 MAIN ST**

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214555

Transx 14003589

Gross Weight 84440

Pickup 29-MAY-20

Tare Weight 33640

Container 28956181

30 DT

Net Weight

50800

Unit No DT 42-24

Manifest 001094710WAS

Scale Date 29-MAY-20

Net Tons 25.4



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214555

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094710WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 29-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	23,042
	Totals	1	23,042

Please, print or type.



Form Approved. OMB No. 2050-0039 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone 4. Manifest Tracking Number UNIFORM HAZARDOUS 00409474 **WASTE MANIFEST** IND005478094 (800)326-1221 Generator's Name and Mailing Address
ANCOPIL LATER ELE, LLC / LINDLEY JARRETT Generator's Site Address (if different than mailing address) JIJI MĀIN GI JIJI MAIN ST LAFAYETTE, IN 47705-2272 LAFAYETTE, IN 47905-2272 (765)771-3191 GEN: 211325 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 U.S. EPA ID Number 7. Transporter 2 Company Name 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-7573
acilitys Phone: (765)435-2704 IND980503890 Facility's Phone: 10. Containers 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) НМ Quantity Wt./Vol. No. Type RG. UN3432. POLYCHLORINATED BIFHERYLS. X ž DT 20000 K SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171 14. Special Handling Instructions and Additional Information 1. W1 Q1494188 T#14003591 UGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REHOVAL FROM SERVICE 509/2002/3002Trailer#42-2 TRAILER BULK PCB REMEDIATION WASTE ERI: HERITAGE E133419341 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Conner Hedderick Month Day Year Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.: Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signature Transporter 2 Printed/Typed Name Signature Month 18. Discrepancy 18a. Discrepancy Indication Space ∐ Tvpe Quantity Residue Partial Rejection Full Rejection Manifest Reference Number: U.S. EPA ID Number 18b. Alternate Facility (or Generator) Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name wo brian Willbams



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214556

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094711WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 29-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	21,500
	Totals		21,500



Weight Ticket

Generator 211325 ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop <u>3214556</u>

Transx 14003591

Gross Weight 80500

Pickup 29-MAY-20

Tare Weight 33100

Container 28956769 6059 DT

Net Weight 47400

Unit No DT 42-27

Manifest 001094711WAS

Scale Date 29-MAY-20

Net Tons 23.7

(wt_ticket.rdf) Page 1



4. Manifest Tracking Number 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone UNIFORM HAZARDOUS 001094712 WAS (800)324-1221 **WASTE MANIFEST** IND005478094 Ì Generator's Site Address (if different than mailing address) Generator's Name and Mailling Address LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, I 3131 MAIN ST LAFAYETTE, IN 47905-2272 IN 47905-2272 GEN: 211325 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 U COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 IND980503890 (765)435-2704 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 9a 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) Quantity Wt Mal НМ Type χ GENERATOR RO. UN3432, POLYCHLORINATED BIPHEHYLS: 1 DT 20000 2,670 SOLID. MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERGH1715-29-2020 14. Special Handling Instructions and Additional Information 1. WI 01474188 TH14003573
WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 5/29/20 22,670 Kg Trailer#:42-80 BULK PCB REMEDIATION WASTE TRAILER ERI: HERITAGE [13341935] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Conner Helderick on Day Month Year 29 16. International Shipments Import to U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.: 17. Transporter Acknowledgment of Receipt of Materials TRANSPORTER Transporter 1 Printed/Typed Name Month Day Year 20 29 5 Transporter 2 Printed/Typed Name 18. Discrepancy 18a, Discrepancy Indication Space resolved per Bobert Rez Bindowski Residue Partial Rejection Full Rejection 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: Day Year 18c. Signature of Alternate Facility (or Generator) Month 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Month Day Year WIIIIams Oude 1190



Generator 211325

Facility _____

9019

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

1 PCB REMEDIATION WASTE SOIL FROM THE ELLI WS

Stop 3214557

Transx 14003593

Gross Weight 80900

Pickup 29-MAY-20

Tare Weight 30920

Container 28956790

30 DT

Net Weight

49980

Unit No DT 42-29

Manifest 001094712WAS

Scale Date 29-MAY-20

Net Tons 24.99



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214557

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

LAFAYETTE, IN 47905-2272

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094712WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 29-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	22,670
	Totals	1	22,670

TX:	lea	ase print or type.	derendengelischen reternen ausgeber reternen ausgeber reterne au	CHARLES STATES	The state of the s		Form A	pproved. OMB	No. 2050-0039		
Γ	Ŷ	UNIFORM HAZARDOUS 1. Generator ID Number 2. Page 1	l l	rgency Response			Tracking Num		MAG		
İ		WASTE MANIFEST INDO05478094 I		800)324- or's Site Address ((3) (a)	<u> </u>	WAS		
		5. Generator's Name and Mailing Address ARCUMIC LATFATETTE, LLC / LINDLEY JARRETT 31.31 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191 Generator's Phone:	2								
		6. Transporter 1 Company Name				U.S. EPA ID N		4.8			
		HERITAGE TRANSPORT LLC - RAIL 7. Transporter 2 Company Name	U.S. EPA ID N	584841. lumber	<u>.4</u>						
		Designated Facility Name and Site Address		V		U.S. EPA ID N	Number				
		HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-7573 Facilitys Phone: (765)435-2704			*	IND9	805038 ⁽	70			
		9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number,		10. Contain	ers	11. Total	12. Unit	40.141.4			
		HM and Packing Group (if any))		No.	Туре	Quantity	Wt./Vol.	13. Waste	Codes		
	GENERATOR -	x Re. UN3432. POLYCHLORINATED BIPHENYLS. SOLID. MIXTURE. 9, PGIII. (PCB REMEDIATION WASTE). (RG = 1 LB). ERG#171		.	DT	20000	K _				
	- GEN	2.									
		3.									
		4.									
		14. Special Handling Instructions and Additional Information 1. U1 01474188 TK14003575 UGT TN SEC 11 IS AN ESTIMATE, EARLIEST DATE	1 Z¶	WT 4 20 20	4,880 /ss 0,387 Kg						
		BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-32 ERI: HERITAGE C1334173 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged									
		marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
		Generator's/Offeror's Printed/Typed Name Connect Hedderick on	Signature	H	od s	0_		Month	Day Year		
ŀ	<u> </u>	16. International Shipments Import to U.S. Export for	rom U.S.	Port of ent	ry/exit:		Will Company		~p 40		
7	FE	<u> </u>		Date leavir	•						
	RTER	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name	Signature	1 1	-/			Month	Day Year		
	SPO	Transporter 2 Printed/Typed Name	Signatur	lafer	M	7		5	29 2020		
	TRANSPORTER	nansporter 2 Frinteur typed Name	Signature		,			Month	Day Year		
Ì	<u>-</u> ↑	18. Discrepancy	1								
		18a. Discrepancy Indication Space Quantity Type	[M	Residue	Numbor	Partial Rej	ection	F	all Rejection		
	È	18b. Alternate Facility (or Generator)	IV	annest (Velerence	Number.	U.S. EPA ID I	Number				
	FACILITY	Facility's Phone:				1					
	DESIGNATED	18c. Signature of Alternate Facility (or Generator)	0				7.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	Month	Day Year		
	ESIG	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disp	~	cycling systems)		13			Ţ		
	⊆ ا	1. H132	3.			4.			٠		
		20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the		pt as noted in Item	18a	M		Marik	Doy Voss		
	1	Printed/Typed Name Williams	Signature	van	Vi	lleor	we	Month 151	Day Year 29 20		
	D۸	A Form 8700-22 (Rev. 12-17). Provious editions are obsolete			CALATER	PAGILITA	TO POAL	BEALLER	OT OVOTES		



Generator 211325

Facility

9019

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214558

Transx 14003595

Gross Weight 75740

Pickup 29-MAY-20

Tare Weight 30860

Container 28956791

30 DT

Net Weight 44880

Unit No DT 42-32

Manifest 001094713WAS

Scale Date 29-MAY-20

Net Tons 22.44



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214558

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094713WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 29-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	20,357
	Totals		20,357

		at or type.				The control of the co			400)	A STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF T	A CASE AND AND AND AND AND AND AND AND AND AND		A CONTROL OF THE CONT		Approved. O			
I ↑		ORM HAZAF		1. Gener		umber 47809	А		2. F	Page 1 of	i .	gency Response 300)326		4. Manifest		mber	· NA	IAS	
***************************************								S'V 14	COST								AA	MO	
	5. Generator's Name and Mailing Address, LLC / LINDLEY JARRETT Generator's Site Address, (if different than mailing address) 3131 MAIN ST LAFAYETTE, IN 47705-2272 LAFAYETTE, IN 47705-2272																		
		ator's Phone:	E. / [in 4/ 765}7	71-3	257 <i>2</i> 191				ı		: 21132		702-667	£.				
	6. Tra	nsporter 1 Com												U.S. EPA ID N					
	HERITAGE TRANSPORT LLC - RAIL 7. Transporter 2 Company Name											U.S. EPAID N	584841	114					
	7. 110	isportor 2 com	puny mu												idiliboi				
	8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 U COUNTY ROAD 1275 N ROACHDALE, IN 46172-7573 Facility's Phone: (765) 435-2704									390									
	9a.	9b. U.S. DO			ing Prope	Shipping N	lame, Hazar	d Class, ID No	umber,			10. Contair	ners	11. Total	12. Unit	13. Wa	13. Waste Codes		
	НМ	and Packing 1.	Group (II	апу))					***************************************			No.	Туре	Quantity	Wt./Vol.			-	
GENERATOR	X	RO. SOLID. WASTE)	MI)	(TURE	, 9, F	GIII.	(PCB	REMEDI RIPHE	NYLS. ATION			4	DT	20000	K		***************************************		
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		3.		- Northwale Marie Comm	***************************************	******************************						***************************************							
		4.					**************************************		· · · · · · · · · · · · · · · · · · ·										
	14. Sr	ecial Handling	Instructio	ons and Ad	ditional Inf	ormation									<u> </u>	7 4	6 11	0 1/0	
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l	l	LK PGB										42-2		RI:HERI			3341		
	15. (SENERATOR'S	OFFER	OR'S CER	TIFICATION	ON: I hereby	y declare tha	at the content	s of this con	signment	are fully a	nd accurately de	scribed above	by the proper sh	ipping name	, and are classi	fied, pack	aged,	
	E	Exporter, I certif	y that the	contents	of this cons	signment co	nform to the	terms of the	attached EP	A Acknow	ledgment	of Consent.	•	nental regulations.	If export shi	pment and I am	the Prima	ary	
İ		certify that the ator's/Offeror's					1 40 CFR 26	2.27(a) (if I ar	····		nerator) or	(b) (if I am a sma	Il quantity ge	nerator) is true.		Month	Day	Year	
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Ę		ernational Ship		Ĺ] Import to	U.S.			☐ Exp	oort from l	J.S.	Port of en		-					
<u> </u>		porter signature ansporter Ackno		_	pt of Mate	rials						Date leavi	ng U.S.:						
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TRANSPORT	Hallo	Jones 2 i milea	riypou iv	anc						- Jig	nature	-				lvionai	l		
<u>一</u> 个	18. Di:	screpancy				***************************************													
	18a. D	iscrepancy Ind	ication Sp	pace	Qua	ntity		□ту	pe		Ē	Residue		Partial Rej	ection		Full Rej	ection	
		25 Ex									Ma	anifest Reference	Numhor						
È	18b. A	Iternate Facility	(or Gene	erator)	***************************************	WW. Handarden de de la com		-	***************************************	***************************************	IVIE	annest Keierence	rvumber:	U.S. EPA ID N	lumber				
FACIL	_													1					
品		y's Phone: ignature of Alte	rnate Fac	cility (or Ge	nerator)	MM48/4/14/4/4/4/4/4/4/4/4/4/4/4/4/4/4/4/4/	with the state of			COCCONSTRUCTION OF THE PARTY OF					····	Monti	h Day	/ Year	
NAT																		L	
DESIG		zardous Waste	Report I	Manageme	nt Method	Codes (i.e.	, codes for h	nazardous wa	ste treatmer	nt, disposa	al, and rec	ycling systems)						•	
<u></u>	1.			на	.32	^{2.}				3.				4.				No.	
	20. De	esignated Facili	ty Owner			I ation of rece	eipt of hazard	dous materials	s covered by	the man	ifest excep	ot as noted in Item	n 18a	1 -					
	_	d/Typed Name	1)	:11:	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		***************************************	***************************************						leon		Month	Day	Year	
1	<u> </u>	10m	W	11110	<u>ems</u>		·	***************************************			(V)	<u>worl</u>	ver	MANARA			10	71人()	



Generator 211325

Facility

9019

ARCONIC LAFAYETTE, LLC

HERITAGE ENVIRONMENTAL SERVICES

3131 MAIN ST

4370 W COUNTY ROAD 1275 N

LAFAYETTE, IN 47905-2272

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214559

Transx 14003597

Gross Weight 7:

79840

Pickup 29-MAY-20

Tare Weight

33680

Container 28956874

30 DT

Net Weight

46160

Unit No DT 42-28

Manifest 001094714WAS

Scale Date

29-MAY-20

Net Tons

23.08



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214559

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094714WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 29-MAY-20

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT [1	20,938
	Totals		20 938

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete



DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

2. Page 1 of 3. Emergency Response Phone 4. Manifest Tracking Number 1. Generator ID Number **UNIFORM HAZARDOUS** 001094715 **WASTE MANIFEST** IND005478094 (800)326-1221 Generator's Site Address (if different than mailing address) 5. Generator's Name and Mailing Address LLC / LINDLEY JARRETT 3131 MAIN ST 3131 MAIN ST LAFAYETTE, IN 47905-2272 LAFAYETTE, IN 47905-2272 GEN: 211325 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 additys Phone: (765)435-2704 IND980503890 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) НМ No. Туре Quantity Wt./Vol RQ.UN3432.POLYCHLORINATED BIPHENYL'S.
SOLID. MIXTURE.9.PGIII.(PCB REMEDIATION
WASTE).(RQ = 1 LB).ERG#171 X DT 20000 GENERATOR 1 14. Special Handling Instructions and Additional Information 14. Special Handling Instructions and Additional Information
1. W1 G1494188 T#14003599
WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/1/20 Trailer#:4 BULK PCB REMEDIATION WASTE TRAILER ERI: HERITAGE [13341938] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Conner Hedderick On Dav Year Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S. Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signature 'MY MUHN Transporter 2 Printed/Typed Name Day Signature 18. Discrepancy 18a. Discrepancy Indication Space Residue Partial Rejection Full Rejection Quantity Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item Printed/Typed Name Day



Facility

Generator 211325

9019

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214560

Transx 14003599

Gross Weight 79420

Pickup 01-JUN-20

Tare Weight 33400

Container 28959236

30 DT

Net Weight

46020

Unit No DT 42-27

Manifest 001094715WAS

Scale Date

01-JUN-20

Net Tons

23.01



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214560

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094715WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 01-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	20,874	H132
-	Totals	1	20,874	

Γ Χ : ΡΙ	ease	print or type.			And the state of t			and the second s	
F	U	NIFORM HAZARDOUS 1. Generator ID Number . 2. Page 1 of 3. Eme WASTE MANIFEST 1ND005478074 1	rgency Response			Tracking Nu	^{mber} 4716	MAC	
	5.		or's Site Address				4/10	WAS	
	G	3131 MAIN ST LAFAYETTE, IN 47905-2272 enerator's Phone: 313 SEN	MAIN SAYETTE,	3T In 479					
	6.	Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL			U.S. EPAID Number IND058484114				
	7.	Transporter 2 Company Name			U.S. EPA ID I	Number			
		Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-7573 acility's Phone: (765) 435-2704	Number 80503 8	ber 0503870					
	1	la. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Contair		11. Total	12. Unit	13. Wast	e Codes	
	 	1.	No.	Туре	Quantity	Wt./Vol.			
	GENERALOR	<pre>(RQ.UN3432,POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE.9.PGIII.(PCB REMEDIATION WASTE).(RQ = 1 LB).ERG#171</pre>	1	DT	20000	K			
	ያ 					•			
		3.							
	╟	4.							
	i	I. Special Handling Instructions and Additional Information L. W1 Q1494188 T#14003601 A: 2(110 b) (YCS4clb) JGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REP BULK PCB REMEDIATION WASTE TRAILER Trailer#: G. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully.	42-23	<u> </u>	RI:HERI	TAGE	C13	3419391	
i.		marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable into Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgmen I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or	emational and nation to the contract of Consent.	onal governme	ntal regulations	. If export ship	oment and I am th	ne Primary	
		enerator's/Offeror's Printed/Typed Name Cover Hedderick on behalf Signature Of Arconic Labouette, LLC		edd	a.	,	Month 6	Day Year 20	
Ē	16 بـــــــــــــــــــــــــــــــــــ	i. International Shipments	Port of end	•					
	_	ransporter signature (for exports only): Transporter Acknowledgment of Receipt of Materials	Date leavi	1g U.S.:					
į	₹ Tra	ansporter 1 Printed Typed Name Signature					Month G	Day Year	
CTT-CCCCC TO CT	Trans	ansporter 2 Printed/Typed Name Signature					Month	Day Year	
1		3. Discrepancy					ļ.	<u> </u>	
	18	sa. Discrepancy Indication Space Quantity Type	Residue	M	Partial Re	ection	П	full Rejection	
YE :: 041	3	b. Alternate Facility (or Generator)	lanifest Reference	Number:	U.S. EPA ID 1	Number			
18	3 18	cclity's Phone: bc. Signature of Alternate Facility (or Generator)			l		Month _.	Day Year	
FAMORA	19	b. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and re-	cycling systems)		1,7				
	ا [ا	H132			4.				
	2	Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the mariflest excerdinted/Typed Name Signature	ept as noted in Item	18a			Month	Day Year	

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete

DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM



Generator 21

211325 Facility

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

9019

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214561

Transx 14003601 Gross Weight 80320

Pickup 01-JUN-20

Container 28959416 30 DT **Net Weight** 46540

Unit No DT 42-28

 Manifest
 001094716WAS
 Scale Date
 01-JUN-20

Net Tons 23.27



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094716WAS

ARCONIC LAFAYETTE, LLC

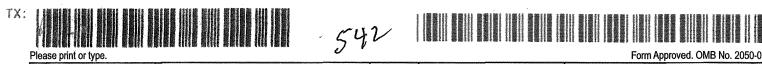
3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 01-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,110	H132
-	Totals	1	21,110	



1 100		DIA LIAZADDOLIO	1. Generator ID Number	2. Page 1 of	3. Emergency Response	Phone	4. Manifest		imber	D 110. 2000 1		
Î		ORM HAZARDOUS STE MANIFEST	IND005478094	1	(800)326			-	4717	WAS	G	
	5. Generator's Name and Mailing Address Generator's Name and Mailing Address Generator's Site Address (if different than mailing address) ARCUNIC LATAYETTE. LLC / LINDLEY JARRETT GENERALUNIC LATAYETTE, LLC											
		31 MAIN ST	يشان والانا والله الله الله الله الله الله الله ال		3131 MAIN	ST.	en en en en en en en					
	LF	FAYETTE, I	H 47905-2272		LAFAYETTE		905-227	2			1	
	Genera	ator's Phone:	651771-3191		GEN: 21132	i.						
		sporter 1 Company Nam	ie			·	U.S. EPA ID N	Number		<u> </u>		
HERITAGE TRANSPORT LLC - RAIL 7. Transporter 2 Company Name U.S. EPA ID Number												
	9 Designated Escility Name and Site Address											
	8. Designated Facility Name and Site Address U.S. EPA ID Number											
	HERITAGE ENVIRONMENTAL SERVICES THOSOGRAPHO											
		's Phone:	657435-2704°				1					
	racinty	OTTIONO.						T		***************************************	—	
П	9a.	9b. U.S. DOT Description and Packing Group (if a	on (including Proper Shipping Name, Hazard Class, I	D Number,	10. Contair		11. Total	12. Unit	13. Was	te Codes	-	
П	НМ		2117/)		No.	Туре	Quantity	Wt./Vol.				
02		1. ————————————————————————————————————	OO DOLVOU BOTHATES WIN	1271141 7		75.77	20000	K			I	
0	X	COLTN MIV	32.POLYCHLORINATED BIP TURE.9.PGIII.(PCB REME	MENILD: ATATTAN	1	TG	ZUUUU	, A		***************************************	-	
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GENERATOR		2.	CO STANDARD OF SHAPE STAND STANDARD			 					\dashv	
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	BUL	K PGB REME	DIATION WASTE TRA	ILER Trail	er#: 42-3.	<u>)</u> [RI:HERI	TAGE	CI	3341740)]	
			R'S CERTIFICATION: I hereby declare that the con									
			rded, and are in all respects in proper condition for trace contents of this consignment conform to the terms of			onal governm	ental regulations.	If export sh	ipment and I am t	ne Primary	ı	
			contents of this consignment conform to the terms of himization statement identified in 40 CFR 262.27(a) (i			all quantity ger	nerator) is true.					
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3	40		All the LOCAL CONTRACTOR		-1 1 1		***************************************					
DESIGNATED FACILITY	19. Ha	zardous Waste Report M	lanagement Method Codes (i.e., codes for hazardous	waste treatment, disposa	ai, and recycling systems)		T,					
百]1.		£ 6 00 400 400]3.		٠.	4.		•			
		November (1888)	HI35									
			or Operator: Certification of receipt of hazardous mate	erials covered by the map	ifest except as noted in Iter	n/182/						
	Printed	/Typed Name	7 0 1	Sig	gnature /				Month		Year	
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ED/	Form	8700-22 (Rev. 12-17)	Previous editions are obsolete.		DES	ICMATE) EACH ITY	TO EDA	's a MANIE	EGT GVG	TEAS	



Generator 211325
ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214562

Transx 14003603

Gross Weight 82860

Pickup 01-JUN-20

Tare Weight 34360

Container 28959426

30 DT

Net Weight 48500

Unit No DT 42-33

Manifest 001094717WAS

Scale Date _ 01-JUN-20

Net Tons

24.25



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214562

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

LAFAYETTE, IN 47905-2272

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094717WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 01-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,999	H132
-	Totals	1	21,999	

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.



DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

Form Approved. OMB No. 2050-0039 4. Manifest Tracking Number 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone UNIFORM HAZARDOUS 001094718 IND005478094 (800)324-1221 **WASTE MANIFEST** ą. Generator's Site Address (if different than mailing address) 5. Geperators, Name and Mailing Address. LLC / LINDLEY JARRETT 3131 MAIN ST 3131 MAIN ST LAFAYETTE, IN 47905-2272 LAFAYETTE, IN 47905-2272 GEN: 211325 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number IMD058484114 HERITAGE TRANSPORT LLC - RAIL U.S. EPA ID Number 7. Transporter 2 Company Name 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-7573 collid's Phone: (765)435-2704 IND980503890 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 9a 13. Waste Codes and Packing Group (if any)) НМ No Туре Quantity Wt./Vol. ROJUN3432, POLYCHLORINATED BIFHENYLS, SOLID. MIXTURE, 9, POIII. (PCB REMEDIATION χ 20000 GENERATOR 4 DT 10 WASTE), (RQ = 1 LB), ERG#171 14. Special Handling Instructions and Additional Information ial Handling Instructions and Additional Information
1 Q1474188 T#14003605
IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/1/20 . W1_Q1474188_T#14003605 Trailer#: 42-23 ERI: HERITAGE BULK PCB REMEDIATION WASTE TRAILER C133419413 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true Generator's/Offeror's Printed/Typed Name Conver Hedderick Month Day Year 6 27 ___Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.: Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Month Day Year Signature 1:150n IM 6 Day Transporter 2 Printed/Typed Name Signature Month Year 18. Discrepancy 18a. Discrepancy Indication Space Туре ___ Residue Partial Rejection Quantity _ Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 4. H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name



Generator211325Facility9019ARCONIC LAFAYETTE, LLCHERITAGE ENVIRONMENTAL SERVICES3131 MAIN ST4370 W COUNTY ROAD 1275 NLAFAYETTE, IN 47905-2272ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

 Stop 3214563

 Transx 14003605
 Gross Weight 74500

 Pickup 01-JUN-20
 Tare Weight 34180

 Container 28959429 30 DT Net Weight 40320

 Unit No DT 42-23

 Manifest 001094718WAS
 Scale Date 01-JUN-20

20.16

Net Tons



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214563

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094718WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 01-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	18,289	H132
-	Totals	1	18,289	

4. Manifest Tracking Number 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone UNIFORM HAZARDOUS **WASTE MANIFEST** IMD005478094 (800)324-1221 0010947 Generator's Site Address (if different than mailing address)
AND THE LAFATE TE LECTOR
3131 MAIN ST
LAFAYETTE, IN 47905-2272
GEN: 211325 5. Generator's Name and Mailing Address.
ARCHIVEL LAYEAUE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 U.S. EPA ID Number 7. Transporter 2 Company Name 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 IND980503890 (765)435-2704 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) HM Quantity Wt./Vol Туре X \$ DT 20000 K RG.UN3432, POLYCHLORINATED BIPHENYLS. SOLID. MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERGW171 14. Special Handling Instructions and Additional Information 14. Special Handling Instructions and Additional Information
1. W1 01474188 T#14003607
WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/1/20 Trailer#: 42-24 BULK PCB REMEDIATION WASTE TRAILER ERI: HERITAGE [13341942] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Conner Hedderck Month Day Year rafovelle Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S. TRANSPORTER 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Year Month Day - 4 taris Transporter 2 Printed/Typed Name 20 Month Day Year 18. Discrepancy 18a. Discrepancy Indication Space Туре Quantity Residue Partial Rejection __ Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 4. H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 62

Signature

DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

Printed/Typed Name

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.



Generator 211325 **Facility** 9019

ARCONIC LAFAYETTE, LLC 3131 MAIN ST

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214564

Transx 14003607 Gross Weight 82040

Pickup 01-JUN-20

Container 28959444 30 DT **Net Weight** 47680

Unit No DT 42-24

Manifest 001094719WAS Scale Date 01-JUN-20

Net Tons 23.84



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214564

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094719WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 01-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,627	H132
-	Totals	1	21,627	

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TX:

1	UN	NICOKINI NAZAKDOUS	1. Generator ID Number		· ·	1	rgency Response		4. Manifest	Tracking Nu			
	8	WASTE MANIFEST	IND005478094		ž		800)326				4720	VV	<u>AS</u>
H	5. Generator's Name and Mailing Address . Generator's Site Address different than mailing address) 3131 MAIN ST 3131 MAIN ST												
		LAFAYETTE, I	IN 47	905-227	2								
	Generator's Phone: Generator's Phone: Generator's Phone: U.S. EPAID Number												
	6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL INDOSE48										114		
	7. Transporter 2 Company Name U.S. EPA ID Number												
	O Decimals of Earlift Manager Olive Address												
		Designated Facility Name and HERITAGE ENV	IRONMENTAL SERVICE	E5					U.S. EPA ID I				
		4370 W COUNT ROACHDALE, I	Y ROAD 1275 N N 46172-9593						INDP	805038	370		
		cility's Phone:	651435-2704										
	9a Hi	"]	on (including Proper Shipping Name, Ha	azard Class, ID Number,			10. Contair No.		11. Total Quantity	12. Unit Wt./Vol.	13. Was	ste Codes	,
	 	1.			B.			Туре	<u>, , , , , , , , , , , , , , , , , , , </u>				
GENERATOR	X	RG.UN34 SOLID. MIX WASTE).(RO	32, POLYCHLORINATI TURE, 9, PGIII, (PCI = 1 LB), ERG#171	D BIPHEMYL	S. ON		***	DT	20000	K			
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	14.	Special Handling Instruction	ns and Additional Information	M 0 . 6 16		_	<i>'.</i> \			<u> </u>			
	1	.W1 01474188	s and Additional Information T#14003607 IS AN ESTIMATE.	O()2(818	KS (4)	8 (O(org) Inual Ed	nm cee	outre 6		(2)		
				TRATLER			42-6		RI:HERI			~~ 4 *	~ ***
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			rded, and are in all respects in proper o contents of this consignment conform to					onal governn	nental regulations	. If export shi	pment and I am	the Prima	ıry
		I certify that the waste mini	imization statement identified in 40 CFF	R 262.27(a) (if I am a larg	e quantity gen			Il quantity ge	nerator) is true.		Month	Day	Year
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Ė	16.	International Shipments	Import to U.S.		Export from U	J.S.	Port of en	try/exit:					
E		nsporter signature (for expor	rts only):		•		Date leavi						
TRANSPORTER		Transporter Acknowledgmen nsporter 1 Printed/Typed Nar			Sig	nature				·····	Month	Day	Year
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S S	Tra	nsporter 2 Printed/Typed Nar	me		Sig. I	ature	0				Month I	Day I	Year I
F	18.	Discrepancy			L							<u>.j.</u>	
	18a	. Discrepancy Indication Spa	ace Quantity	Туре			Residue		Partial Re	ection		Full Reje	ection
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Ė	18b	o. Alternate Facility (or Gener	rator)		······································	M	anifest Reference	Number:	U.S. EPA ID I	Number			
DESIGNATED FACILITY													
땅		cility's Phone: :. Signature of Alternate Facil	lity (or Generator)		***************************************			· · · · · · · · · · · · · · · · · · ·		·····	Month	Day	Year
M			ny (di Contract)								Monar		
SIG	-	Hazardous Waste Report Ma	anagement Method Codes (i.e., codes	for hazardous waste trea	tment, disposa	l, and red	cycling systems)						
	1.		H132		3.			1	4.				
	20.	Designated Facility Owner o	or Operator: Certification of receipt of ha	zardous materials covere	ed by the mani	iest exce	pt as noted in Item	1 188	L				
		nted/Typed Name		_		nature)	remaining a new -	Month	Day	Year
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/	., 0	01 00 22 (1107. 12-11)					DES	INSTRACT	D FACILITY	IU EPA	's e-MANIF	E318	MZIGII



Generator 211325

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

Facility

9019

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214565

Transx 14003609

Gross Weight 79200

Pickup 01-JUN-20

Tare Weight 31100

Container 28959478

30 DT

Net Weight 48100

Unit No DT 42-29

Manifest 001094720WAS

Scale Date 01-JUN-20

Net Tons 24.05



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094720WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 01-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,818	H132
-	Totals	1	21,818	



↑	UNIF	ORM HAZARDOUS	1. Generator ID Nu			2. Page 1 of		gency Response		4. Manifest	-				
		STE MANIFEST	IND005			1		800)324				4721	W	<u>AS</u>	
4	5. Generator's Name and Mailing Address LLC / LINDLEY JARKETT Generator's Site Address (if different the ARCONIC LAFAYETT										SS) .				
	I.A	31 MAIN ST FAYETTE, I	N 47905-2	2272			LAF	1 MAIN ! AYETTE,	IN 47	905-227	2				
	Genera	ator's Phone:	65)771-31	191	LAFAYETTE, IN 47905-2272 GEN: 211325										
6. Transporter 1 Company Name U.S. EPA ID Number															
	HERITAGE TRANSPORT LLC - RAIL 7. Transporter 2 Company Name U.S. EPA ID Number											114			
	O.O. El A la Munuol														
8. Designated Facility Name and Site Address U.S. EPA ID Number															
۱		ERITAGE ENV 170 W COUNT			5					IND9	80503	370			
	RE	JACHDALE, Į	N 46172-9	7573				•		1					
	i	01 110110.	65)435-21		d Class ID Number			10. Contain			T I				
	9a. HM	9b. U.S. DOT Description and Packing Group (if a		ompping Name, mazar	u Class, ID Number,			No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. W	13. Waste Codes		
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		K PCB REME			TRAILER			42-2		RI:HERI			133419		
		ENERATOR'S/OFFERO narked and labeled/placa													
	E	xporter, I certify that the certify that the certify that the waste min	contents of this cons	ignment conform to the identified in 40 CFR 26	terms of the attache	d EPA Acknow	rledgment nerator) or	of Consent. (b) (iff am a sma	ll anantity de	nerator) is true					
	Genera	ator's/Offeror's Printed/Ty	ped Name Corv	ver Helleri	de on		nature		//	11		Mont		Year	
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Ę		ernational Shipments	Import to	U.S.	L_	Export from	U.S.	Port of ent	•						
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Ā	_	r's Phone:													
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DESIGNATED FACILITY	10 Un	zardous Waste Report M	anagement Methed	Cadas (i.a. andos for b	nazamlove weets from	itmont dianos	al and ma	volina ovotomo					—	1	
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		signated Facility Owner of	or Operator: Certifica	ation of receipt of hazar	dous materials cover			pt as noted in Ven				2.2			
	Printed	I/Typed Name	in 2a	111		(Siç	nature	<i> </i>	3			Mon	ith Day	Year	
¥ EP/	Form	8700-22 (Rev. 12-17)	Previous edition	s are obsolete.				ND6	TONATE	D FACILITY	TO EDA	L'o o-MAN	<i> U </i>	VSTEM	
'								وعرا	JONA I E	D FACILITY	IU EPP	A S C-ITIAN	II ESI S	I J I EIVI	



Generator 211325

Facility

9019

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214566

Transx 14003611

Gross Weight 79440

Pickup 01-JUN-20

Tare Weight 33260

Container 28960358

30 DT

Net Weight 46180

Unit No DT 42-27

Manifest 001094721WAS

Scale Date 01-JUN-20

Net Tons 23.09



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214566

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094721WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 01-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	20,947	H132
-	Totals	1	20,947	

4. Manifest Tracking Number 2. Page 1 of 3. Emergency Response Phone 1 Generator ID Number **UNIFORM HAZARDOUS** (800)324-1221 001094722 WAS IMD005478094 **WASTE MANIFEST** Generator's Name and Mailing Address LLC / LINDLEY JARRETT Generator's Site Address (if different than mailing address) 3131 MAIN ST 3131 NAIN ST LAFAYETTE, IN 47705-2272 GEN: 211325 LAFAYETTE, IN 47905-2272 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL. IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4970 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9573 cilitys Phone: (765)495-2704 IND980503890 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 9a 13. Waste Codes and Packing Group (if any)) НМ No. Туре Quantity Wt./Vol. RQ.UN3432.FOLYCHLORINATED BIPHENYLS, SOLID, MIXTURE.9.PGIII. (PCB REMEDIATION WASTE). (RQ = 1 LB).ERG#171 20000 GENERATOR X Ì DT K 14. Special Handling Instructions and Additional Information 14. Special Handling Instructions and Additional Information
1. W1 01474188 T#14003613
WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/1/20 Trailer#: 42-28 BULK PCB REMEDIATION WASTE TRAILER ERI: HERITAGE C133417451 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if Jama) na a small guantity generator) is true Generator's/Offeror's Printed/Typed Name Cover Hedderick Day Year Month Port of entry/exit: Import to U.S. Export from U.S. Transporter signature (for exports only): Date leaving U.S. 17. Transporter Acknowledgment of Receipt of Materials TRANSPORTER Transporter 1 Printed/Typed Name Signature Month Day Year 2020 6 Transporter 2 Printed/Typed Name Signature Month Day Year 18. Discrepancy 18a. Discrepancy Indication Space Туре ___ Quantity Residue _ Partial Rejection _ Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Year Month Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Signature

DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM



Generator 211325

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

Facility

9019

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214567

Transx 14003613

Gross Weight 78580

Pickup 01-JUN-20

Tare Weight 33660

Container 28960501

30 DT

Net Weight 44920

Unit No DT 42-28

Manifest 001094722WAS

01-JUN-20 Scale Date

Net Tons 22.46



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214567

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094722WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 01-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	20,375	H132
-	Totals	1	20,375	

4. Manifest Tracking Number 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone **UNIFORM HAZARDOUS WASTE MANIFEST** IND005478094 001094723 (800)326-1221 Generator's Site Address (if different than mailing address)
3131 MAIN ST
LAFAYETTE, IN 47905-2272 5. Generator's Name and Mailing Address.
ARCUNIC LAYEATE ITE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE 47905-2272 GEN: 211325 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. FPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 V COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 colity's Phone: (765)435-2704 IND980503890 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12 Unit 13. Waste Codes and Packing Group (if any)) HM No Type Quantity Wt./Vol. RQ.UNG432.POLYCHLORINATED BIPHENYLS.
SOLID. MIXTURE.9.PGIII.(PCB REMEDIATION WASTE).(RQ = 1 LB).ERG#171 X GENERATOR 1 DT 20000 V 14. Special Handling Instructions and Additional Information Trailer#: 42-BULK PCB REMEDIATION WASTE TRAILER ERI: HERITAGE [13341946] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Conner Hedderile Month Day Year Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.: Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signature Month Day Year 20 Transporter 2 Printed/Typed Name Signature Month Day Year 18. Discrepancy 18a. Discrepancy Indication Space Туре Quantity Residue __ Partial Rejection __ Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Day Year Month 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the maprifest except as noted in Item/18a Printed/Typed Name Signature EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM



Facility

Generator 211325

9019

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214568

Transx 14003615

Gross Weight 81600

Pickup 01-JUN-20

Tare Weight 34040

Container 28960586

30 DT

Net Weight 47560

Unit No DT 42-23

Manifest 001094723WAS

01-JUN-20 Scale Date

Net Tons 23.78



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214568

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094723WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 01-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,573	H132
-	Totals	1	21,573	





Plea	ase print or type.									Approved. Ol	MB No. 2	050-0039
↑	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Nui INDO054		2. Page 1 of		gency Response 800)326		4. Manifest	- · · · · · · · · · · · · · · · · · · ·	4724	W	AS
	5. Generator's Name and Mailin	ng Address AYETTE, L	LC / LINDLEY	JARRETT				an mailing addre	ss)			
	3131 MAIH ST LAFAYETTE, I	N_47905-2	2272		LAF	1 MAIN !	IN 47	905-227	2		,	
1	Generator's Phone: 6. Transporter 1 Company Nam	65)771-31	.71		UEN	: 21132!	<u> </u>	U.S. EPA ID I	limbar			
	HERITAGE TRA		.C - RAIL						584843	114		
	7. Transporter 2 Company Nan	10				· · · · · · · · · · · · · · · · · · ·		U.S. EPA ID I	Vumber			
	Designated Facility Name ar							U.S. EPA ID I	Number			
	HERITAGE ENV							IND9	805038	390		
	ROACHDALE, I	N 46172-9 '65}435-27						ı				
	9a. 9b. U.S. DOT Descripti	on (including Proper	Shipping Name, Hazard Class	, ID Number,		10. Contair	iers	11. Total	12. Unit	13 Wa	ste Codes	
	HM and Packing Group (if a	any))				No.	Туре	Quantity	Wt./Vol.	10. ***	T	
GENERATOR	X RQ,UN34 SOLID, MIX WASTE),(RQ	TURE, 9, PG	NLORINATED BII BIII.(PCB REMI ERG#171	PHENYLS, EDIATION		1	TG	20000	ĸ			
GEN	2.											
	3.											
	4.											
	14. Special Handling Instruction 1. W1_Q14941EE	THERROAM	· · · · · · ///`	208744 (40	02016	5)		l			L	
	wot in sec ii	IS AN ES	TIMATE, EARL	IEST DATE OF	REM	ÚVAL FRI				20		
	BULK PCB REME							RI:HERI			9341 9	
	marked and labeled/placa Exporter, I certify that the	rded, and are in all re contents of this consi	N: I hereby declare that the conspects in proper condition for gnment conform to the terms of identified in 40 CFR 262.27(a)	transport according to appl of the attached EPA Acknow	icable inter viedgment	mational and national of Consent.	onal governn	nental regulations	ipping name . If export shi	, and are classifi pment and I am	ed, packa the Primar	ged, ry
	Generator's/Offeror's Printed/Ty		er Hellerus		nature	(b) (iii aiii a siiia	A /	/		Month	Day	Year
<u> </u>	16. International Shipments	trionic	Lapayette,			Cent	Heda.	tore			<u> </u>	20
Ē	Transporter signature (for expo	import to rts only):	U.S.	Export from	U.S.	Port of ent Date leavi						
띪	17. Transporter Acknowledgmer	•	als							14	D	V
POR	Transporter 1 Printed/Typed Na	1946.a	mind	. Sig	nature	the	بحك	B	if) Month ごし	Day	Year
TRANSPORTER INT'L	Transporter 2 Printed/Typed Na	me		Skį	nature			7 7 7 7	<u></u>	Month	Day	Year
<u>⊬</u>	18. Discrepancy									<u> </u>	<u> </u>	<u> </u>
	18a. Discrepancy Indication Sp	ace Quan	tity [Туре		Residue		Partial Rej	ection		Full Rejec	ction
				_ 76*						-		
Ě	18b. Alternate Facility (or Gene	rator)		`	Ma	anifest Reference	Number:	U.S. EPA ID I	lumber			
ACI								1				
	Facility's Phone: 18c. Signature of Alternate Fac	lity (or Generator)							· · · · · · · · · · · · · · · · · · ·	Month	Day	Year
SNAT			·								1	<u> </u>
DESIGNATED FACILITY	19. Hazardous Waste Report M 1.	anagement Method (Codes (i.e., codes for hazardo 2.	us waste treatment, disposi 3.	al, and rec	ycling systems)		4.	AND COMME			
<u> </u>		H132					1	1		·		
	20. Designated Facility Owner of Printed/Typed Name	or Operator: Certifical	tion of receipt of hazardous ma		ifest excer gnature	ot as noted in the	184			Month	Day	Year
\	[(W) 134	161	/ i ̈̈		///	9			106	101	26
P/	Form 8700-22 (Rev. 12-17)	Previous editions	are obsolete.			DES	IGNATE	D FACILITY	TO EPA	's e-MANIF	EST S	YSTEM



Generator 211325

Facility

9019

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214569

Transx 14003617

Gross Weight 80280

Tare Weight

34260

Pickup 01-JUN-20

Container 28960651 30 DT Net Weight

46020

Unit No DT 42-33

Manifest 001094724WAS

Scale Date 01-JUN-20

Net Tons 23.01



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214569

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094724WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 01-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	20,874	H132
-	Totals	1	20,874	

398 2. Page 1 of 3. Emergency Response Phone 4. Manifest Tracking Number 1. Generator ID Number **UNIFORM HAZARDOUS** IND005478094 (800)324-1221 001094725 **WASTE MANIFEST** 5. Generator's Name and Mailing Address LLC / LINDLEY JARRETT Generator's Site Address (if different than mailing address) ARCONIL LEST 3131 MAIN ST AFAYETTE, IN 47905-2272 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 U.S. EPA ID Number 7. Transporter 2 Company Name 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 cilitys Phone: (765)435-2704 IND980503890 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) Wt. Nol HM Quantity Type RO. UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION X DT 20000 GENERATOR 1 WASTE), (RQ = 1 LB), ERGN171 14. Special Handling Instructions and Additional Information
1. W1 Q1494188 TH14003619
WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/1/20 14. Special Handling Instructions and Additional Information Trailer#: 42-70 BULK PCB REMEDIATION WASTE TRAILER ERI: HERITAGE C133417481 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262,27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Conner Hedderide on Day Year 16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.: Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Year Day Levin Davis Transporter 2 Printed/Typed Na 18. Discrepancy 18a. Discrepancy Indication Space Туре Quantity Residue Partial Rejection Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Year Month Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Printed/Typed Name EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM



Weight Ticket

Generator 211325 ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214570

Transx 14003619 Gross Weight 82280

Pickup 01-JUN-20 Tare Weight 34260

Container 28960580 6059 DT **Net Weight** 48020

Unit No DT 42-24

Manifest 001094725WAS Scale Date 01-JUN-20

Net Tons 24.01

(wt_ticket.rdf) Page 1



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214570

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094725WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 01-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,781	H132
-	Totals	1	21,781	



DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

Please print or type. UNIFORM HAZARDOUS 1. Generator ID Number 4. Manifest Tracking Number 2. Page 1 of 3. Emergency Response Phone 001094726 IND005478094 (800)324-1221 **WASTE MANIFEST** Generator's Site Address (if different than mailing address) 5. Generator's Name and Mailing Address. 3131 MAIN ST 3131 MAIN ST LAFAYETTE, IN 47705-2272 BEN: 211325 LAFAYETTE IN 47905-2272 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 U.S. EPA ID Number 7. Transporter 2 Company Name 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-7573 cilits Phone: (765) 435-2704 IND980503890 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11 Total 12 Unit 9a 13. Waste Codes and Packing Group (if any)) НМ Nο Type Quantity Wt./Vol. RQ.UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9. PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171 χ 20000 GENERATOR 1 OT 23486 p 6-1-20 14. Special Handling Instructions and Additional Information
1. W1 Q1494188 T#14003621 U: 23445 (518004)
WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/1/20 14. Special Handling Instructions and Additional Information Trailer#: 42-29 BULK PCB REMEDIATION WASTE ERI: HERITAGE TRAILER [13341949] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPAAcknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true Generator's/Offeror's Printed/Typed Name Conner Heddericle On Year Month Day Import to U.S. __ Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.: 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Month Day Year Jeff Alford 20 Transporter 2 Printed/Typed Name Day 18. Discrepancy 18a. Discrepancy Indication Space Quantity Residue Partial Rejection Full Rejection 06-1-20 DI SARPANCY LASOWED AM POBERT PREZBINDAM Manifest Reference Number 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in m 18a Printed/Typed Name



Generator 211325

Facility

9019

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214571

Transx 14003621

Gross Weight 82780

Tare Weight

30980

Pickup 01-JUN-20

Container 28960587

30 DT

Net Weight

51800

Unit No DT 42-29

Manifest 001094726WAS

Scale Date 01-JUN-20

Net Tons _ 25.9



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214571

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094726WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 01-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	23,496	H132
-	Totals	1	23,496	



1	UNIF	ORM HAZARDOUS	1. Generator ID Number	***************************************	1	1	rgency Response		4. Manifest	Tracking Nu	ımber	NA.	
		ASTE MANIFEST Perator's Name and Mailin	IND005478094		3		900) 326. or's Site Address				4727	VV	AS
	31 LF Genera	ator's Phone: (7	N 47905-2272 65)771-3191	NEY JARRE		313 LAF	I MAIN	ST IN 4:	han mailing addres FE, LLC 7905–227	2			
		nsporter 1 Company Nam	e MSPORT LLC - RAIL						U.S. EPA ID I		6 E A		
		Sporter 2 Company Nam					'''' 		U.S. EPA ID N	58484: lumber	114	***************************************	
									I				
	8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES U.S. EPA ID Number												
	4370 W COUNTY ROAD 1275 N IND980503890 ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704												
	9a. HM		on (including Proper Shipping Name, Haz any))	ard Class, ID Number,			10. Contain No.	ners Type	11. Total Quantity	12. Unit Wt./Vol.	13. W	aste Codes	•
4	χ	1. DA 11110A	oo da yeu dotuatei	V DIBUENVI	r <u>i</u>		1	DT	20000	-×			
GENERATOR	^	SOLID, MIX WASTE), (RO	32.POLYCHLORINATE TURE.9.POIII.(PCB = 1 LE).ERGW171	REMEDIATI					22217	1.0			
		2.		4					06-1-20				
9													
		3.											
		4											
	14 Sp	ecial Handling Instruction	ns and Additional Information	1.0-			L						
	L. V WG1	41 01494188 T TN SEC 11	s and Additional Information TW14003623 IS AN ESTIMATE.	<i>ال</i> 22 EARLIEST	L217Kg	(4)	8 980 4) IOVAL FRI	OM SEI	RVICE <u>&</u>	1	120		
	BUL	LK PCB REME	DIATION WASTE	TRAZLER	Trai	Ler#:	42-2	7	ERI:HERI	TAGE	C	13341	950]
	m E	narked and labeled/placar exporter, I certify that the o	PA'S CERTIFICATION: I hereby declare rded, and are in all respects in proper cor contents of this consignment conform to the imization statement identified in 40 CFR	ndition for transport acc he terms of the attache	cording to app ed EPA Acknor	licable into wledgmen	ernational and nation	onal governi	mental regulations.				
	Genera	ator's/Offeror's Printed/Ty	ped Name Conner Hedder Conic Lafayette,	ruk en		gnature	01	tede	1		Month	,	Year 20
¥ Ļ	16. Inte	ernational Shipments	Import to U.S.	<u> </u>	Export from	us	Port of end		we_			' 6	120
Ľ		porter signature (for expo	rts only):				Date leavi						
ZER.		insporter Acknowledgmen orter 1 Printed/Typed Na	me a a	·····	Si	gnature	MIL				Month	n Day	Year
SP O		•		AN			[]] [A]				6	1/0	220
TRANSPORTER	Transp	oorter 2 Printed/Typed Na	me		Si I	ignature	100				Month I	n Day	Year I
E A	18. Dis	screpancy				<u></u>					L		
	18a. Di	iscrepancy Indication Spa	ace Quantity	Туре		[0.6:	Residue	· · · · · · · · · · · · · · · · · · ·	Partial Rej	ection		Full Reje	ection
<u> </u>	18b Al	S CARPAN CY RE Itemate Facility (or Gener	RECLUED PEN ROBERT	PREZBIND	uuski		lanifest Reference	Number:	U.S. EPA ID I	lumbor			
DESIGNATED FACILITY	100.74	nomate racing (or coner	atory						0.0. LI A ID I	Tullibe i			
DE		/'s Phone: ignature of Alternate Faci	lity (or Ganarator)								Mont	th Day	Year
ATE	100. 01	ignature of Alternate Faci	ity (or Generator)								IVIOIII	ıı Day	leai
200	19. Ha	zardous Waste Report M	anagement Method Codes (i.e., codes fo	r hazardous waste trea	atment, dispos	sal, and re	cycling systems)						
占	1.		2. H132		3.			_	4.		*		
	20. De:	signated Facility Owner of	or Operator: Certification of receipt of haz	ardous materials cover	red by the ma	nifest exce	ept as noted in Item	y ga	<u> </u>				
	Printed	d/Typed Name	110 0 0010		<i>\</i> ⁸	gnature		D			Mont	h Day	Year
₩	Form		Previous editions are obsolete.				/// DES	PATATE	D FACILITY	TO ENA	O(SOI	20
-, 11		J. 00 mm (1104, 12-11)					UES	TYPINAIE	U FACILII Y	IV EPA	o e-mani	rE313) I O I EM



Generator 211325

Facility

9019

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214572

Transx 14003623

Gross Weight 82100

Pickup 01-JUN-20

Tare Weight 33120

Container 28961074

30 DT

Net Weight 48980

Unit No DT 42-27

Manifest 001094727WAS

Scale Date 01-JUN-20

Net Tons 24.49



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214572

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094727WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 01-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	22,217	H132
-	Totals	1	22,217	

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	FORM HAZARDOUS 1. Generator ID Number VASTE MANIFEST 1. D005478	094	2. Page 1 of 3. Eme	rgency Response			Tracking Nur	mber 4 7 2 8	W
l L	eperator's Name and Mailing Address			or's Site Address					44
S	3131 MAIN ST .AFAYETTE, IN 47905-227 (765)771-3191	2	313 Laf	I MAIN AYETTE, E 21132	ST IN 47				
6. Tr	ransporter 1 Company Name HERITAGE TRANSPORT LLC	- RAIL				U.S. EPAID I	Number 584841	14	
	ransporter 2 Company Name					U.S. EPA ID N	lumber		
H	esignated Facility Name and Site Address HERITAGE ENVIRONMENTAL 1370 W COUNTY ROAD 1275 ROACHDALE, IN 46172-959 Hitys Phone: (765)435-2704	N 3				U.S. EPAID N	1umber 805038	190	
9a. HM	9b. U.S. DOT Description (including Proper Shipp	oing Name, Hazard Class, ID Number,		10. Contair	ners Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste	Code
╵├─	1. RO, UN3432, POLYCHLO SOLID, MIXTURE, 9, PGII	I, (PCB REMEDIATI	.9, ON	1	DT	20000	K		
- GENERALOR	WASTE), (RQ = 1 LB), ER	G#1/1							
	3.								
 	4.								,
14.5	Special Handling Instructions and Additional Informati	1 2 1 2 2							
1.	W1 Q1474188 T#14003629	A: 2119	2 13 (46720	16)				. 0-	
11	.W1								241
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B 1.	GENERATOR'S/OFFEROR'S CERTIFICATION: If marked and labeled/placarded, and are in all respectively. It certify that the contents of this consignment certify that the waste minimization statement identities.	TRAILER nereby declare that the contents of this ts in proper condition for transport accept conform to the terms of the attache fied in 40 CFR 262.27(a) (if I am a large	Trailer#: s consignment are fully cording to applicable inte de EPA Acknowledgmen ge quantity generator) o	42-2 and accurately de emational and nati t of Consent.	scribed above onal government	ERI: HERI by the proper sh ental regulations	TAGE	£13 and are classified oment and I am the	, packa e Prima
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BI 15. 15. 15. 16. 17. 17. 17. 17. 17. 17. 18.	GENERATOR'S/OFFEROR'S CERTIFICATION: If marked and labeled/placarded, and are in all respect Exporter, I certify that the contents of this consignment is certify that the waste minimization statement identifierator's/Offeror's Printed/Typed Name Convertion of Printed/Typed Name Convertion of Printed/Typed Name Import to U.S. asporter signature (for exports only): Transporter Acknowledgment of Receipt of Materials sporter 1 Printed/Typed Name Discrepancy Discrepancy Discrepancy Indication Space Quantity Alternate Facility (or Generator) Hazardous Waste Report Management Method Code: 12.	rereby declare that the contents of this ta in proper condition for transport acc and conform to the terms of the attache fied in 40 CFR 262.27(a) (if I am a large declarate on be a large declarate	Trailer#: s consignment are fully cording to applicable integration of the part of the par	H2-2 and accurately de amational and nati t of Consent. r (b) (if I am a sma Port of en Date leavi Residue lanifest Reference	scribed above onal government all quantity get try/exit:	Partial Re U.S. EPA ID N	TAGE ipping name, If export ship	and are classified ment and I am the Month Month Month Month	Day Day Day



Generator 211325

Facility

9019

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214573

Transx 14003625

Gross Weight 80220

Pickup 01-JUN-20

Tare Weight

33500

Container 28961132

30 DT

Net Weight

46720

Unit No DT 42-28

Manifest 001094728WAS

Scale Date 01-JUN-20

Net Tons 23.36



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214573

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094728WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 01-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,192	H132
-	Totals	1	21,192	

UNIFORM HAZARDOUS 1. Generator ID Number 4. Manifest Tracking Number 2. Page 1 of 3. Emergency Response Phone 001094729 (800)324-1221 **WASTE MANIFEST** IND005478094 Generator's Site Address (if different than mailing address) Generator's Name and Mailing Address 3131 MAIN ST 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325 LAFAYETTE, IN 47905-2272 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 U.S. FPA ID Number 7. Transporter 2 Company Name 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-7573 IND980503890 (765)435-2704 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11 Total 12 Unit 13. Waste Codes and Packing Group (if any)) НМ Quantity Wt./Vol. No. Type 20000 X RO. UN3432. POLYCHLORINATED BIPHENYLS. į DT W GENERATOR SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION 26580 WASTE), (RG = 1 LB), ERG#171 06-6-20 14. Special Handling Instructions and Additional Information d: 265804 (5860016 1. WI G1474188 T#14003627 4. 263 OF (3000) UST IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/1/20 TRAILER Trailer#: 42-24 BULK PCB REMEDIATION WASTE ERI: HERITAGE C13341952] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Corner Hedderick or Coehal C. Signature Month Day Year of Arconic Export from U.S. Port of entry/exit: Date leaving U.S.: Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Month Day Year TRANSPORT Kevin Davis Ь 20 Transporter 2 Printed/Typed Name Day Year 18. Discrepancy 18a. Discrepancy Indication Space Residue Quantity 🔟 Full Rejection Partial Rejection Q 6-1-20 DISCPERANCE PRESCUED PER ROBERT PREZRINDOWSK Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number FACILITY Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item Printed/Typed Name Signature EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM



Generator

211325

Facility

9019

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214574

Transx 14003627

Gross Weight 92700

Pickup 01-JUN-20

Tare Weight 34100

Container 28961133

30 DT

Net Weight

58600

Unit No DT 42-24

Manifest 001094729WAS

Scale Date

01-JUN-20

Net Tons

29.3



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214574

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094729WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 01-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	26,580	H132
-	Totals	1	26,580	

IND005478094

UNIFORM HAZARDOUS 1. Generator ID Number

LAFAYETTE, IN 47905-2272 (765)771-3191

HERITAGE TRANSPORT LLC - RAIL

Designated Facility Name and Site Address
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-7573

(765)435-2704

WASTE MANIFEST

7. Transporter 2 Company Name

8. Designated Facility Name and Site Address

and Packing Group (if any))

Generator's Phone: 6. Transporter 1 Company Name

HM

Y

GENERATOR

518

4. Manifest Tracking Number 2. Page 1 of 3. Emergency Response Phone (800)324-1221 001094730 Generators Stie Address für different than mailing address) 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325 U.S. EPA ID Number IND058484114 U.S. EPA ID Number U.S. EPA ID Number IND980503890 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes Quantity Wt /Vol Type RQ.UN3432.POLYCHLORINATED RIPHENYLS. 4 DT 20000 V SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171 22634 E-6-1-20 Trailers: 4223 ERI: HERITAGE [13341953] Month Day Year Export from U.S. Port of entry/exit: Date leaving U.S. Signature Month Day Year Signature Month Day Year Residue Partial Rejection Full Rejection 061.20 Manifest Reference Number: U.S. EPA ID Number Year Month Day

14. Special Handling Instructions and Additional Information 14. Special Handling Instructions and Additional Information
1. U1 01474188 T#14003627
UST IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REHOVAL FROM SERVICE 6/1/20 BULK PCB REMEDIATION WASTE TRAILER 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Conner Hedderick on Import to U.S. Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Tim Transporter 2 Printed/Typed Name 18. Discrepancy 18a. Discrepancy Indication Space (A) Quantity Type BISCHEMACY RASCIEND PLA ROISING PAR2BINDOCUSKO 18b. Alternate Facility (or Generator) Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as note ip tem 18a Printed/Typed Name Signature Month Day 166 01 20 EPA Form 8700-22 (Rev. 12-17) Previous editions are obsoléte. DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM



Generator 211325 ARCONIC LAFAYETTE, LLC **3131 MAIN ST** LAFAYETTE, IN 47905-2272 **Facility** 9019 HERITAGE ENVIRONMENTAL SERVICES **4370 W COUNTY ROAD 1275 N**

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214575

Transx 14003629

Gross Weight 83820

Pickup 01-JUN-20

Tare Weight 33920

Container 28961149 30 DT

Net Weight

49900

Unit No DT 42-23

Manifest 001094730WAS

Scale Date 01-JUN-20

Net Tons

24.95



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214575

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094730WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 01-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	22,634	H132
-	Totals	1	22,634	

Please print or type

Plea	ase print or type.			xwa-xaaa		······································		Approved. C	DMB No. 2	2050-0039
1	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number IND005478094	2. Page 1 of 3.	Emergency Response (800)326		4. Manifest		ımber	W	/AS
	5. Generator's Name and Maili	ing Address AVETTE, LLC / LINDLEY JAR	RETT G	nerator's Site Address	if different t	han mailing addres	ss)			
		IN 47905-2272	Ĺ	IJI MAIN : AFAYETTE, EN: 21132	IN 47	7905-227	2			
	Generator's Phone: 6. Transporter 1 Company Nar	745)771-3191 me		en: ciloc:	'a	U.S. EPA ID I	Number			
		ANSPORT LLC - RAIL					58484	114		
	7. Transporter 2 Company Nar	me				U.S. EPA ID N	lumber			
	8. Designated Facility Name at	and Site Address				U.S. EPA ID N	Number			***************************************
	4370 U COUNT ROACHDALE, I	VIRONMENTAL SERVICES TY ROAD 1275 N IN 46172-9593 765)435-2704		·		IND9	805031	370		
	r dollity 3 r Horie.	otion (including Proper Shipping Name, Hazard Class, ID Num	nber.	10. Contair	ners	11. Total	12. Unit			F
	HM and Packing Group (if		**************************************	No.	Туре	Quantity	Wt./Vol.	13. W	/aste Code:	s
GENERATOR	X ROJUM34 SOLID, MIX	432.POLYCHLORINATED BIFHEM XTURE.9.PGIII.(PCB REMEDIA	YLS. TION	1	DT	20000	- K			
NER	WASTE), (R6	9 = 1 LB), ERGN171				25918				
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	1 LII DIAGAIGE		1815 (57/40) Date of F	'b) ÆMOVAL FRI	OM SEI	RVICE $ heta$	5/1	120		
			A Trailer			ERI:HERI		· · · · · · · · · · · · · · · · · · ·	13341	9541
	15. GENERATOR'S/OFFERI marked and labeled/place Exporter, I certify that the	OR'S CERTIFICATION: I hereby declare that the contents of carded, and are in all respects in proper condition for transport to contents of this consignment conform to the terms of the atta	of this consignment are t according to applicabl ached EPA Acknowled	fully and accurately des e international and nation ment of Consent.	scribed abov onal governi	ve by the proper sh mental regulations.	nipping name			
		inimization statement identified in 40 CFR 262.27(a) (if I am a			Il quantity ge	enerator) is true.		Monti	h Day	Year
	Of Arcony	Typed Name Conner Hedderck on Lafayette, LLC	- behalf	/ 1	bedo	le-		16	5 7	120
MTL	1		Export from U.S.	Port of en	try/exit:					
	Transporter signature (for exporter Acknowledgme			Date leavi	ng U.S.:					
TRANSPORTER	Transporter 1 Printed/Typed Na	•	Signati	1/1/	1- 6			Month	h Day	
NSP	Transporter 2 Printed/Typed No.		Signaty		oce			Month	h Day	90 Year
<u>≥</u>				$\overline{}$						
1	18. Discrepancy	nace 🗔		П ₋					7	
		Quantity I)ppe	P6-1.2	Residue		Partial Rej	ection	L	Full Reje	action
≥		OLUGD PAL RUBERT PREZBINDUCUS erator)	Slej	Manifest Reference	Number:	U.S. EPA ID I	Number			
FACILITY								**		
日元	Facility's Phone: 18c. Signature of Alternate Fac	cility (or Generator)		- Canada - C				Mon	ith Day	y Year
DESIGNATED							are and the state of the state			<u> </u>
ESIG	19. Hazardous Waste Report M	Management Method Codes (i.e., codes for hazardous waste 2.	treatment, disposal, a	d recycling systems)		4.				
1		HI35			1					
	20. Designated Facility Owner Printed/Typed Name	r or Operator: Certification of receipt of hazardous materials c	covered by the manifest Signate		1 18a			Mont	th Day	Year
↓	1 /m	NBANGA	مُلُّ الْسَالِ	1/19	2			06		20
EP/	A Form 8700-22 (Řev. 12-17	7) Previous editions are obsolete.		DES	IGNATE	D FACILITY	TO EPA	's e-MAN	IFEST S	SYSTEN



Generator 211325 ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 Facility 9019
HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214577

Transx 14003632 Gross Weight 87980

Pickup 01-JUN-20 Tare Weight 30840

Container 28961157 30 DT **Net Weight** 57140

Unit No DT 42-29

Manifest 001094731WAS Scale Date 01-JUN-20

Net Tons ____ 28.57



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214577

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094731WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 01-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	25,918	H132
-	Totals	1	25,918	

lease print or type.

A UNIFORM HAZARDOUS 1. Generator ID Number

54V



4. Manifest Tracking Number 2. Page 1 of 3. Emergency Response Phone UNIFORM HAZARDOUS 001094732 **WASTE MANIFEST** IND005478094 幸 (800)324-1221 Generators Name and Mailing Address LLC / LINDLEY JARRETT 3131 MAIN ST Generators Site Address (if different than mailing address) 3131 MAIN ST LAFAYETTE, IN 47905-2272 CAFAYETTE, IN 47905-2272 GEN: 211325 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IMD058484114 U.S. EPA ID Number 7. Transporter 2 Company Name 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGÉ ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 cilitys Phone: (765)435-2704 IND980503890 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 9a 11. Total 12 Unit 13. Waste Codes and Packing Group (if any)) НМ No. Type Quantity Wt./Vol. X RO.UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, POIII. (PCB REMEDIATION DT 20000 20.00 L. GENERATOR WASTE), (RG = 1 LB), ERG#171 14. Special Handling Instructions and Additional Information 4: 21709ks (4786016)
IEST DATE OF REMOVAL FROM SERVICE 6/1/20 1 UI G1474188 TH14003634 45 217078_{5} UGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF TRAILER Trailer#: 42-33 BULK POB REMEDIATION WASTE ERI: HERITAGE [13341755] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Month Day Year Hedderick on 20 16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S. 17. Transporter Acknowledgment of Receipt of Materials TRANSPORTER Transporter 1 Printed/Typed Name Year Day l o Transporter 2 Printed/Typed Name Signature Month Day 18. Discrepancy 18a. Discrepancy Indication Space Туре __ Full Rejection __ Residue Partial Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 4. HIJZ 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Signature EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM



Generator

211325

ARCONIC LAFAYETTE, LLC **3131 MAIN ST**

LAFAYETTE, IN 47905-2272

Facility

9019

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214578

Transx 14003634

Gross Weight

81980

Pickup 01-JUN-20

Tare Weight

34120

Container 28961207

30 DT

Net Weight

47860

Unit No DT 42-33

Manifest 001094732WAS

Scale Date 01-JUN-20

Net Tons

23.93



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214578

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094732WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 01-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,709	H132
-	Totals	1	21,709	

1284 N	rint or type.			398						Approved. ON	
INU	FORM HAZARDOUS				1 - 1	Emergency Response		1	Tracking Nun	nber	
l L	VASTE MANIFEST enerator's Name and Mail 4RCUMIC LAYI	INDOOS ing Address		no desar a recordo	J J Ge	000) 326 nerator's Site Address INCONTE LA			<u>0 1094</u>	4/33	W
3 L	BIGI MAIN S' AFAYETTE,	•	2272	JLET JAKK		NCONIC LA 1131 MAIN .AFAYETTE, IEN: 21132	ST IN 47				
6. Tra	erator's Phone: ansporter 1 Company Na				L	-		U.S. EPA ID N			***************************************
I L	EKITAGE TK/ ansporter 2 Company Nai		LC - RAIL			***************************************		U.S. EPAID N	584841 lumber	14	***************************************
16 44 17	esignated Facility Name a IERITAGE ENV IG70 U COUNT ROACHDALE lity's Phone:	/IRONMENT TY ROAD 1:	275 H 9593	in the				U.S. EPAID N	lumber 805038'	90	
9a.	9b. U.S. DOT Descrip		r Shipping Name, Haz	ard Class, ID Number,		10. Contai	ners	11. Total	12. Unit	13. Was	te Codes
HM	11.					No.	Туре	Quantity	Wt./Vol.		
	SOLID, MI	432.POLYC KTURE.9.P	HLORINATE GIII.(PCB	NEMEDIATI REMEDIATI	S. ION	1	DT	20000	1 × -		
SENERAL OR	WASTE), (R			***************************************				22514	 -		
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l I 🔩	Special Handling Instruction W1 Q1494181 3T TN SEC 1:	THE REPORT	of one may	ار. EARLIEST (22516ts (Y464014) KEHOVAL FR	ON SE	 	12	20	. 4
1 96 95 15.	W1 Q1494181 3T TM SEC 1: JLK PCB RETII GENERATOR'S/OFFER marked and labeled/plac Exporter, I certify that the	B T#14003 1 TS AN E EDIATION OR'S CERTIFICATION arded, and are in all is contents of this cons	STIMATE. I WASTE ON: I hereby declare to respects in proper con- signment conform to the	TRAILER that the contents of thi dition for transport ach te terms of the attached	Frailer Frailer s consignment are cording to applicable d EPA Acknowledge	(EHOVAL FR #: <u> </u>	scribed aboverno	ERI: HERI e by the proper sh nental regulations.	TAGE	C 1:	
1 NE 81 15.	W1 Q1494181 JLK PCB REITH GENERATOR'S/OFFER marked and labeled/plac Exporter, I certify that the I certify that the waste mile reartor's/Offeror's Printed/I	EDIATION OR'S CERTIFICATION OR'S CERTIFICATION or contents of this consinimization statement yped Name Con	STIMATE, I WASTE ON: I hereby declare to respects in proper con signment conform to the tidentified in 40 CFR 2	TRAILER hat the contents of thi dition for transport ace the terms of the attache 262.27(a) (if I am a lance Le CA	Frailer Frailer s consignment are cording to applicable d EPA Acknowledge	KEHOVAL FR #:	scribed aboverno	ERI: HERI e by the proper sh nental regulations.	TAGE	C 1:	ed, package
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Generator 211325

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

Facility 9019

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214580

Transx 14003637

Gross Weight

83680

Pickup 02-JUN-20

Tare Weight

34040

Container 28962115

30 DT

Net Weight

49640

Unit No DT 42-24

Manifest 001094733WAS

Scale Date

02-JUN-20

Net Tons 24.82



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214580

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094733WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 02-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	22,516	H132
-	Totals	1	22,516	



DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

Form Approved. OMB No. 2050-0039 1. Generator ID Number 4. Manifest Tracking Number 2. Page 1 of 3. Emergency Response Phone UNIFORM HAZARDOUS 001094734 WASTE MANIFEST IMD005478094 (800)324-1221 Generator's Name and Mailing Address Generator's Site Address (if different than mailing address) 3131 MAIN ST 3131 MAIN ST LAFAYETTE, IN 47905-2272 LAFAYETTE, IN 47905-2272 (765)771-3191 GEN: 211325 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-7573
Icilitys Phone: (765)435-2704 IND980503890 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 9a 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) НМ Quantity Wt./Vol. No. Type X 20000 GENERATOR RQ. UN3432, POLYCHLORINATED BIPHENYLS. 1 DT 14 SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171 14. Special Handling Instructions and Additional Information 14. Special Handling Instructions and Additional Information
1. WI 01474188 T#14003637
WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20 Trailer# 40-BULK PCB REMEDIATION WASTE TRAILER ERI: HERITAGE C133419571 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Conner Hedderick on lachale Signature Day Year of Accoric 16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Transporter signature (for exports only) Date leaving U.S.: 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signature Year TRANSPORT Jali Transporter 2 Printed/Typed Name Signature Day 18. Discrepancy 18a. Discrepancy Indication Space Туре Quantity Residue Partial Rejection _ Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except Printed/Typed Name Month 06 12



Generator

211325

Facility

9019

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214581

Transx 14003639

Gross Weight 81400

Pickup 02-JUN-20

Tare Weight 33440

Container 28962116

30 DT

Net Weight

47960

Unit No DT 42-27

Manifest 001094734WAS

Scale Date 02-JUN-20

Net Tons

23.98



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214581

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094734WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 02-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,754	H132
-	Totals	1	21,754	

528 4. Manifest Tracking Number 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone **UNIFORM HAZARDOUS** 001094735 **WASTE MANIFEST** IND005478094 (800)324-1221 Generator's Name and Mailing Address
ARCUMIC LAYEAYETTE, LLC / LINDLEY JARRETT Generator's Site Address (if different than mailing address) 3131 MAIN ST 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325 IN 47905-2272 LAFAYETTE, (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES
4370 U COUNTY ROAD 1275 N
ROACHDALE, IN 46172-7573
acilitys Phone: (765)435-2704 IND980503890 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) нм Wt./Vol. Quantity No. Type X 20000 GENERATOR RQ. UN3432, POLYCHLORINATED BIPHENYLS. 1 DT K SOLID. MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171 14. Special Handling Instructions and Additional Information BULK PCB REMEDIATION WASTE TRAILER Trailer#: ERI: HERITAGE [13341958] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true Generator's/Offeror's Printed/Typed Name Connex Hedderick on behalf Signature Day Year Month 16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.: 17. Transporter Acknowledgment of Receipt of Materials TRANSPORTER Transporter 1 Printed Typed Name Signature Month Year Day ·M 2 ZS Transporter 2 Printed/Typed Name Month Year Signature 18. Discrepancy 18a. Discrepancy Indication Space ___ Type Residue Partial Rejection Full Rejection Quantily Manifest Reference Number 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Iter Printed/Typed Name Month Day Year

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

06 12

20



Generator

211325

Facility

9019

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214582

Transx 14003641

Gross Weight

81260

Pickup 02-JUN-20

Tare Weight

34280

Container 28962119

30 DT

Net Weight

46980

Unit No DT 42-23

Manifest 001094735WAS

Scale Date

02-JUN-20

Net Tons

23.49



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214582

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094735WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 02-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,310	H132
-	Totals	1	21,310	

1							
Ple	ase prir	at or tw	ne				

TX



06/02/20

DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

Form Approved. OMB No. 2050-0039 4. Manifest Tracking Number 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone UNIFORM HAZARDOUS 001094736 IND005478094 1551-556(008) **WASTE MANIFEST** 100 5. Generator's Name and Mailing Address ______ LLC / LINDLEY JARRETT Generator's Site Address (if different than mailing address) 3131 MAIN ST 3131 MAIN ST <u> LAFAYETTE, în 47705-2272</u> GEN: 211325 LAFAYETTE, IN 47905-2272 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGÉ ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 M ROACHDALE, IN 46172-9593 cilits Phone: (765)435-2704 IND980503890 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11 Total 12 Unit Qa. 13. Waste Codes and Packing Group (if any)) НМ Nο Type Quantity Wt.Vol. X RG. UN3432. POLYCHLORINATED BIPHENYLS: 1 DT 20000 GENERATOR SOLID, MIXTURE, 9, POIII, (PCB REMEDIATION WASTE), (RQ = 1 LR), ERG#171 14. Special Handling Instructions and Additional Information
1. WI G1474188 T#14003643

UGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20 14. Special Handling Instructions and Additional Information Trailer#: BULK PCB REMEDIATION WASTE TRAILER ERI: HERITAGE [13341959] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true Generator's/Offeror's Printed/Typed Name Conner Hedderick on Dehale Signature Year Month Day 16. International Shipments Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.: 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Day Signature Mopth Year W. 20 Transporter 2 Printed/Typed Name Signature Month 18. Discrepancy 18a. Discrepancy Indication Space Type _ Residue Quantity ☐ Full Rejection Manifest Reference Number 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted i in liem 18a Printed/Typed Nag



Generator

211325

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

Facility

9019

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214583

Transx 14003643

Gross Weight

78300

Pickup 02-JUN-20

Tare Weight

34060

Container 28962121

30 DT

Net Weight

44240

Unit No DT 42-35

Manifest 001094736WAS

Scale Date 02-JUN-20

Net Tons 22.12



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214583

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094736WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 02-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	20,067	H132
-	Totals	1	20,067	



A		ORM HAZARDOUS	1. Generator ID Number		2. Page 1 of	3. Emerg	ency Response	Phone	4. Manifest	Tracking No			
	WA	STE MANIFEST	IMD005478		÷.	1	300)326-				4737	W	AS
	5. Gen	erator's Name and Mailin	g Address	/ LINDLEY JARRE	a the con	Generator	's Site Address ((if different t	an mailing addres	ss)			
	gigi main st												
	1	(7.	N 47905-227 651771-3191	<u> </u>	ı	LAF F GEN	211329 WETTE,	_LN 47 5	7705-227	L			
	-	itor's Phone: sporter 1 Company Nam				64.0010 F A		-	U.S. EPA ID N	dumher	***************************************		
	l	,	NSPORT LLC	- RAIL						58484	114		
		sporter 2 Company Nam							U.S. EPA ID N				
			4										
		gnated Facility Name and		ernuree					U.S. EPA ID N	lumber			
			IROMMENTAL : Y ROAD 1275						IND9	805031	990		
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	9a. HM	and Packing Group (if a		ing Name, Hazard Class, ID Number,		F	10. Contain	ers Type	11. Total Quantity	12. Unit Wt./Vol.	13. W	aste Code:	s
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5 F	Х	SOLIN: MTY	32.POLYCHLOI TIBE.S.PATT	RINATED BIPHENYL I. (PCB KEMEDIATI	.5. ON		1	TQ	20000	×			
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	1	4.											
	14 Sne	ecial Handling Instruction	s and Additional Information	10			fa. 6 (1)		<u> </u>				
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				ereby declare that the contents of this s in proper condition for transport acc									
	E)	xporter, I certify that the o	contents of this consignment	nt conform to the terms of the attache ied in 40 CFR 262.27(a) (if I am a larg	ed EPA Acknow	rledgment o	of Consent.	·	. •		,		
	Genera	tor's/Offeror's Printed/Ty	ped Name Connec	- Hedderick on	Sig	nature	(III alli a silla	i quantity ge	enerator) is true.		Month	Day	Year
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Z	16. Inte	rnational Shipments	Import to U.S.		Export from U	U.S.	Port of ent	ry/exit:					
INT	ļ	orter signature (for expor	rts only):		-	·	Date leavir	-					
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≥	18b. Alt	ternate Facility (or Gener	ve nu p<i>in</i>u Кив вл ator)	1 PRILEWINENSKI		Mai	nifest Reference	Number:	U.S. EPA ID N	lumber		<u> </u>	
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FA		's Phone:					V-11-11-11-11-11-11-11-11-11-11-11-11-11						
E	18c. Si	gnature of Alternate Facil	ity (or Generator)								Mont	h Day	Year
DESIGNATED FACILITY	10 11-	randous Masta Passet **	onggoment Malked Co. 1	li o podos for horoseless waste (tmont di	1 054 55	oling custs\						
ESI	19. Haz	ardous waste report Ma	anagement Method Codes	(i.e., codes for hazardous waste trea	aunent, aisposa 3.	ai, and recy	orng systems)		14.				
_			H135										•
			r Operator: Certification of	receipt of hazardous materials cover			t as noted in Item	18a					
	Printed	Typed Name	10000		Sig	nature	112				Monti	_ ′	Year
₩ ED^	Eom (2700 22/Pay 42 43	Provious addition	69	_ <u></u>				P. ESA 621 100-	~~~~		602	
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Generator 211325 ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 Facility 9019

HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214584

Transx 14003645 Gross Weight 82580

Pickup 02-JUN-20 Tare Weight 31120

Container 28962130 30 DT **Net Weight** 51460

Unit No DT 42-29

 Manifest
 001094737WAS
 Scale Date
 02-JUN-20

Net Tons 25.73



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214584

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094737WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 02-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	23,342	H132
-	Totals	1	23,342	

TX: 4. Manifest Tracking Number 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone **UNIFORM HAZARDOUS** IND005478094 (800)324-1221 001094738 **WASTE MANIFEST** Generator's Site Address (if different than mailing address) 5. Generator's Name and Mailing Address BIBI MAIN ST 3131 MAIN ST LAFAYETTE, IN 47905-2272 DEN: 211325 LAFAYETTE, IN 47905-2272 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-7593 cilitys Phone: (765)435-2704 IND980503890 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12 Unit 9a 13. Waste Codes and Packing Group (if any)) HM No. Type Quantity Wt No! RO, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION X Í DT 20000 K WASTE), (RQ = 1 LB), ERG#171 14. Special Handling Instructions and Additional Information 14. Special Handling Instructions and Additional Information
1. W1 01494188 T#14003647
WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20 Tratier#: 42-28 TRAILER BULK PCB REMEDIATION WASTE ERI: HERITAGE [13341961] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true Generator's/Offeror's Printed/Typed Name Conner Hadderick on Signature Day Year 16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S. 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signature Month Day Year 202 2 Transporter 2 Printed/Typed Name Signature Year 18. Discrepancy 18a. Discrepancy Indication Space ____ Туре Residue Quantity _ Partial Rejection Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year **DESIGN** 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Day 1602 20

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM



Generator

211325

Facility

9019

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214585

Transx 14003647

Gross Weight

81440

Pickup 02-JUN-20

Tare Weight

33740

Container 28962158

30 DT

Net Weight

47700

Unit No DT 42-28

Manifest 001094738WAS

Scale Date 02-JUN-20

Net Tons 23.85



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094738WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 02-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,636	H132
-	Totals	1	21,636	

TX:



4. Manifest Tracking Number 2. Page 1 of 3. Emergency Response Phone **UNIFORM HAZARDOUS** 1. Generator ID Number WAS IND005478094 001094739 **WASTE MANIFEST** (800)324-1221 Generators Name and Mailing Address LLC / LINDLEY JARRETT 3131 MAIN ST Generator's Site Address (if different than mailing address) 3131 MAIN ST LAFAYETTE, IN 47905-2272 LAFAYETTE, IN 47905-2272 GEN: 211325 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593
acilitys Phone: (765)435-2704 IND980503890 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12, Unit 13 Waste Codes and Packing Group (if any)) НМ Quantity Wt./Vol. Туре RG.UN3432.POLYCHLORINATED BIPHENYLS, SOLID. MIXTURE.9.PGIII. (PCB REMEDIATION WASTE), (RG = 1 LB).ERG#171 γ 20000 ¥ GENERATOR 1 DT 14. Special Handling Instructions and Additional Information 14. Special Handling Instructions and Additional Information
1. W1 Q1494188 TH14003649 45 (8824% (4150016)
WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20 TRAILER Trailer#: 42-24 BULK PCB REMEDIATION WASTE ERI: HERITAGE [13341962] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true Generator's/Offeror's Printed/Typed Name Conner Hedderide en Month Day Year 2 20 Import to U.S. Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.: 17. Transporter Acknowledgment of Receipt of Materials Signature Davis Transporter 1 Printed/Typed Name Month Day Year TRANSPORT Kevin 20 Transporter 2 Printed/Typed Name 18. Discrepancy 18a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number , **,** Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132

Signature

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

Printed/Typed Name

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in

DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

Month

06 02

Dav

Year



Generator 211325

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

Facility 9019

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214586

Transx 14003649

Gross Weight

75340

Pickup 02-JUN-20

Tare Weight

33840

Container 28962762

30 DT

Net Weight

41500

Unit No DT 42-24

Manifest 001094739WAS

Scale Date 02-JUN-20

Net Tons 20.75



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214586

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094739WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 02-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	18,824	H132
-	Totals	1	18,824	



Please print or type 1, Generator ID Number 2. Page 1 of 3. Emergency Response Phone 4. Manifest Tracking Number UNIFORM HAZARDOUS IND005478094 (800)324-1221 **WASTE MANIFEST** 001094740 Generator's Name and Mailing Address LLC / LINOLEY JARRETT Generator's Site Address (if different than mailing address) 3131 MAIN ST 3131 MAIN ST LAFAYETTE, IN 47905-2272 LAFAYETTE, IN 47905-2272 BEN: 211325 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Addres U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES
4370 U COUNTY ROAD 1275 N
RDACHDALE, IN 46172-9593 IND980503890 (765)435-2704 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) НМ Quantity WtJVol. No. Type Χ RO. UN3432. POLYCHLORINATED BIPHENYLS. DT 20000 GENERATOR 1 K SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171 N. 19305 KS (42560/b) 14. Special Handling Instructions and Additional Information 1. W1 01494188 T#14003651 WP 17300 FS (9 00 0010)
WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20 Trailer#: 70 BULK PCB REMEDIATION WASTE TRAILER ERI: HERITAGE [13341963] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Conver Hedderick Day Year Export from U.S. Port of entry/exit: Date Jeaving U.Ş Transporter signature (for exports only) 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signature Transporter 2 Printed/Typed Name Signature 18. Discrepancy 18a. Discrepancy Indication Space ∐_Туре Quantity Partial Rejection Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as note

Signature

Printed/Typed Name

Year



Generator 211325 ARCONIC LAFAYETTE, LLC **3131 MAIN ST** LAFAYETTE, IN 47905-2272 **Facility** 9019

HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N **ROACHDALE, IN 46172-9593**

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214587

Transx 14003651

Gross Weight 75840

Pickup 02-JUN-20

Tare Weight 33280

Container 28962777

30 DT

Net Weight

42560

Unit No DT 42-27

Manifest 001094740WAS

Scale Date 02-JUN-20

Net Tons

21.28



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214587

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094740WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 02-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	19,305	H132
-	Totals	1	19,305	

	WASTE MANIFEST IND005478094) (5. Generators, Name and Mailling Address ARCUNIC LAYFAYETSE, LLC / LINDLEY JARRETT GENERAL 3131 MAIN ST 313	gency Response Phone 800) 326-1221 or's Sile Address (if different tha 1412 — Africa III	0(racking Number		818 🙈
	3131 MAIN ST	or's Site Address (if different tha				NAS
	LAFAYETTE, IN 47905-2272 LAF	I NAIN ST AYETTE, IN 479 : 211325				
	6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL 7. Transporter 2 Company Name		U.S. EPA ID NO INDOS U.S. EPA ID NO	8494114		
\parallel			L			
***************************************	8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 W ROACHDALE, IN 46172-7593 Facility's Phone: (765) 435-2704		U.S. EPAID No	umber 1 050387 0)	
	9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Co	des
1	1. X RO.UN3432.POLYCHLORINATED BIPHENYLS. SOLID. MIXTURE.9.PGIII.(PCB REMEDIATION WASTE).(RO = 1 LB).ERG#171	1 97	20000 17128	K		
- GENE	2.		,61.20			
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ŀ	4. ·					
	14. Special Handling Instructions and Additional Information 1. W1 G1494188 T#14003653 WGT TN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REM BULK PCB REMEDIATION WASTE TRAILER Trailer#: 15. GENERATOR'S/OFFEOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully a marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable inte Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or	14-23 El and accurately described above mational and national governme of Consent.	RI: HERI I by the proper ship ntal regulations. I	TAGE	£1334	
$\downarrow \downarrow$	Generator's/Offeror's Printed/Typed Name Conner Hedderick on Signature Ochal C of Arconic Lafayette, LLC 16. International Shipments	en Hedde			Month Da	•
	Import to U.S. Export from U.S. Transporter signature (for exports only):	Port of entry/exit: Date leaving U.S.;				
ᄤᅩ	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signature	Timh	lilso	i N	Month Da	ay Year としさ
RANS	Transporter 2 Printed/Typed Name Signature				Month Da	
1	18. Discrepancy Indication Space Quantity Type	Residue	Partial Reje	ction	Full R	l Rejection
FACILITY —	BISCHAPANCY PASCEMES PER RORPHA PARTRINDUSKI 66.2.LO 18b. Alternate Facility (or Generator)	anifest Reference Number:	U.S. EPA ID No	umber		
۱۱	Facility's Phone: 18c. Signature of Alternate Facility (or Generator)				Month D	Day Yea
NATED						
SIGNATI	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and rec 1. 2. 3.	cycling systems)	4.	-	-	-



Generator 211325

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

Facility 9019

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214588

Transx 14003653

Gross Weight

71840

Pickup 02-JUN-20

Tare Weight

34080

Container 28962778

30 DT

Net Weight

37760

Unit No DT 42-23

Manifest 001094741WAS

Scale Date 02-JUN-20

Net Tons 18.88



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214588

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094741WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 02-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	17,128	H132
-	Totals	1	17,128	



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1	UNIF	ORM HAZARDOUS	1. Generator ID Nu IND0054			2. Page 1 of	i	rgency Response (300) 326-		4. Manifest	Tracking Nu	mber 4.74.2		AS	
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	6. Tran	nsporter 1 Company Nam		P DATE		·····				U.S. EPA ID I	Number 58484:	1 4 4			
		EKITAGE TRA		Tr - WHIT						U.S. EPA ID N					
	8. Des	ignated Facility Name an	d Site Address TRANSENT	AL SERVICES						U.S. EPA ID I	Number				
											ND980503890				
	9a. HM	9b. U.S. DOT Description and Packing Group (if a		Shipping Name, Hazard Class,	ID Number,			10. Contain No.	ers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Wa	ste Codes		
GENERATOR -	Х	1. RO, UN34 SOLID, MIX WASTE), (RO	Ture, 9, Po	HLORIMATED BIF SIII. (PCB REME ERG#171	MENYL EDIATI	S. OM		Book	O	20000	ĸ				
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	E	xporter, I certify that the o	contents of this cons	espects in proper condition for signment conform to the terms of identified in 40 CFR 262.27(a)	of the attache	d EPA Acknow	tedgment	of Consent.	·	•	If export shi	oment and I am	the Primar	У	
	Genera	ator's/Offeror's Printed/Ty	ped Name <i>Con</i> s	ner Hedderick	e on	Sig	nature	1 6	1 .	1		Month	Day	Year	
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S R	Mansp	porter 1 Printed Typed Na	Lan	K		Sig 	nature			6		Month	Day	Year	
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							М	anifest Reference	Number:						
	18b. Al	Iternate Facility (or Gener	ator)					200		U.S. EPA ID N	Number		***********		
FACI		/'s Phone:													
DESIGNATED FACILITY	18c. Si	ignature of Alternate Facil	lity (or Generator)									Month	Day	Year	
ESIG	19. Ha	zardous Waste Report M	anagement Method	Codes (i.e., codes for hazardou	us waste trea		il, and rec	cycling systems)		1,					
ā	1.		H132	2.]3.				4.					
			т Operator: Certifica	I ation of receipt of hazardous ma	iterials cover			pt as noted in liter	118a						
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:PA	Form	8700-22 (Rev. 12-17)	Previous editions	s are obsolete.				DES	IGNATE	FACILITY	TO EPA	's e-MANII	EST S	YSTEM	



Generator

211325

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

Facility

9019

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214589

Transx 14003655

Gross Weight 77300

Pickup 02-JUN-20

Tare Weight 33900

Container 28962785

30 DT

Net Weight

43400

Unit No DT 42-35

Manifest 001094742WAS

Scale Date

02-JUN-20

Net Tons

21.7



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214589

Generator Mailing Address:

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094742WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 02-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	19,686	H132
-	Totals	1	19,686	



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		STE MANIFEST	IMD0054	178094	1	(800)324	-1221	0	0109	14.74.3	W	AS
	5. Gene	erator's Name and Mailin	g Address	LC / LINDLEY JA	Barrr	General	or's Site Address	(if different t	nan mailing addres	ss)			
	31	31 MAIN ST			unis i	313	1 MAIN	5T					
	LA	FAYETTE, I	N_47905-2	2272		LAF	AYETTE,	IN 47	7905-227	2			
		ator's Phone:	65)771-31	141		otr	: 21132	2			0		
		sporter 1 Company Nam							U.S. EPA ID I				
		RITAGE TRA		<u>.C - RAIL</u>						58484	114		
	7. Trans	sporter 2 Company Nam	е						U.S. EPA ID N	Number			
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		gnated Facility Name and		NL SERVICES					U.S. EPA ID I	Number			
	43	170 W COUNT	Y ROAD 12	275 N					INDP	80503	890		
	RO	JACHDALE, Į	N_46172-9	7593									
	Facility	01110110.	651435-27		**************************************					T		····	
	9a.	9b. U.S. DOT Description and Packing Group (if a packing Group)		Shipping Name, Hazard Class, ID N	umber,		10. Contair		11. Total	12. Unit	13. V	Vaste Codes	,
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				N: I hereby declare that the content espects in proper condition for transp									
	E	xporter, I certify that the o	contents of this cons	ignment conform to the terms of the	attached EPA Ackno	viedgmen	of Consent.	-	-	. II export on	ipinent and re	iiii uie i iiiiie	",
	10	certify that the waste min	imization statement	identified in 40 CFR 262.27(a) (if I a	m a large quantity ge		r (b) (if I am a sma	ll quantity ge	nerator) is true.		Want	th Dav	Vasa
	Genera	itors/Offerors Printed/Ty	ped Name Conn	er Hedderick o	n behalf	gnature	2 II	-11	1		Moni		Year
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3NA													
DESIGNATED FACILITY		zardous Waste Report M	anagement Method	Codes (i.e., codes for hazardous wa	ste treatment, dispos	al, and re	cycling systems)						
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	<u> </u>	signated Facility Owner of Typed Name	r Operator: Certifica	ation of receipt of hazardous material	<u>.</u>		pt as noted in Item	Y18a			Mar	nth Day	Year
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Generator

211325

**Facility** 

9019

ARCONIC LAFAYETTE, LLC

**3131 MAIN ST** 

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

**ROACHDALE, IN 46172-9593** 

WS PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214590

Transx 14003657

**Gross Weight** 

79180

Pickup 02-JUN-20

**Tare Weight** 

30960

**Container** 28962844

30 DT

**Net Weight** 

48220

**Unit No** DT 42-29

Manifest 001094743WAS

Scale Date 02-JUN-20

Net Tons

24.11



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214590

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094743WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 02-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,872	H132
-	Totals	1	21,872	

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TAGE hipping name. If export sh	e, and are cl	assified, par I am the Pri	ckage mary



Generator

211325

Facility

ARCONIC LAFAYETTE, LLC

**3131 MAIN ST** 

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

9019

4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214591

Transx 14003659

Gross Weight 81520

Tare Weight 33560

Pickup 02-JUN-20

**Container** 28963080 30 DT

Net Weight 47960

**Unit No** DT 42-28

Manifest 001094744WAS

Scale Date 02-JUN-20

Net Tons

23.98



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214591

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094744WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 02-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,754	H132
-	Totals	1	21,754	





riec	se print or type.										IB No. 2050-0039			
1	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Nu INDOOS		2. Pag	´ I	gency Response 800)326-			Tracking Nur 0109		WAS			
	5. Generator's Name and Mailin	Address	LC / LINDLEY	JARRETT	General A.C.	rs Site Address (	if different th	an mailing addres	ss)					
	3131 MAIN ST LAFAYETTE, II	4_47905-2	272		LAF	1 MAIN S AYETTE,	IN 47	905-227	2					
	Generator's Phone: 6. Transporter 1 Company Name	65)771-31	171	·····	GEN	: 211325	3	U.S. EPA ID N	lumbor					
1	HERITAGE TRA		.C - RAIL			IND058484114								
	7. Transporter 2 Company Name	•			· · · · · · · · · · · · · · · · · · ·			U.S. EPA ID N	lumber					
	8. Designated Facility Name and	Site Address						U.S. EPA ID N	Number		****			
	HERITAGE ENV: 4370 W COUNTY ROACHDALE, II	CRONMENTA ( ROAD 12	175 N 1593					IND9	805038	90				
	T don't d'i Horio.		Shipping Name, Hazard Class	, ID Number,		10. Contain	ers	11. Total	12. Unit	40.14				
Ì	HM and Packing Group (if a	ny))				No.	Туре	Quantity	Wt./Vol.	13. Was	te Codes			
GENERATOR .	WASTE),(RO	32.FOLYC) TURE.9.FO = 1 LB),	NLORINATED BI BIII, (PCB REM ERG#171	PHENYLS. EDIATION		1	Ta	50000	K					
- GENI	2.								-					
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	14. Special Handling Instructions 1. W1 Q1474188	T#1 #000	4.4	d. 2039.	3 kg /4	19604)			·					
	ugt in sec ii	TIS AN E	STÎHATE, EARL	IEST DATE	OF REM	OVAL FR		RVICE 6	121	20				
	BULK PCB REME			AILER Tr	ailer#:	42-2	<u>J</u> [	RI:HERI			3341968]			
	Exporter, I certify that the c	ded, and are in all re ontents of this cons	N: I hereby declare that the c espects in proper condition for ignment conform to the terms identified in 40 CFR 262.27(a)	transport according of the attached EPA	to applicable inte Acknowledgment	mational and nation of Consent.	nal governn	nental regulations.	ipping name, If export ship	ard are classifie ment and I am t	d, packaged, he Primary			
	Generator's/Offeror's Printed/Typ	ed Name Conr	er Hedderick	(II rail a kaige quali	Signature	(b) (in ain a sina	1 quantity ge	1		Month	Day Year			
<u>↓</u>	behalf of A  16. International Shipments	Maric	hasayette.	LLC		m to	all	oer		_   6	12/20			
Ħ	Transporter signature (for expor	Import to ts only):	U.S.	Expor	t from U.S.	Port of ent Date leavir								
	17. Transporter Acknowledgment		als		Clat			11						
TRANSPORTER	Transporter 1 Printed/Typed Nan	" 5. h	ison		, Signature	T	- K			Month	Day Year   <b>2</b>			
SANS	Transporter 2 Printed/Typed Nan	ne			Signature		<del>-</del>			Month	Day Year			
<u>⊨</u>	18. Discrepancy		• • • • • • • • • • • • • • • • • • • •	····										
	18a. Discrepancy Indication Spa	Ce ☐ Quan	tity [	Туре		Residue		Partial Rej	ection		Full Re <del>je</del> ction			
∐	18b. Alternate Facility (or Genera	ator)		***************************************	M	nifest Reference	Number:	U.S. EPAID N	Number					
ACIL														
DESIGNATED FACILITY	Facility's Phone: 18c. Signature of Alternate Facili	ty (or Generator)								Month	Day Year			
<u> </u>	19. Hazardous Waste Report Ma	nagement Method	<del> </del>	us waste treatment,		ycling systems)								
<u>-</u>	<b>1.</b> 	H132	<b>2.</b>	-	3.		1	4.						
	20. Designated Facility Owner or	Operator: Certifica	tion of receipt of hazardous m	aterials covered by the		ot as noted in Item	Ag_	L		_				
	Printed/Typed Name	VINB	ANJA	(	Signature	///			-	Month I OC	Day Year			



Generator

211325

**Facility** 

9019

ARCONIC LAFAYETTE, LLC

**3131 MAIN ST** 

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

**ROACHDALE, IN 46172-9593** 

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214592

Transx 14003661

**Gross Weight** 

78880

Pickup 02-JUN-20

**Tare Weight** 

33920

Container 28963421

30 DT

**Net Weight** 

44960

Unit No DT 42-23

Manifest 001094745WAS

Scale Date 02-JUN-20

Net Tons



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214592

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094745WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 02-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	20,393	H132
-	Totals	1	20,393	

348 UNIFORM HAZARDOUS 1. Generator ID Number 4. Manifest Tracking Number 2. Page 1 of 3. Emergency Response Phone 001094746 **WASTE MANIFEST** IND005478094 (800)326-1221 Generator's Site Address (if different than mailing address) Generator's Name and Mailing Address LLC / LINDLEY JARKETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number IND058484114 HERITAGE TRANSPORT LLC - RAIL 7. Transporter 2 Company Name U.S. EPAID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number DESIGNATION NATIONAL STRUCTURES
HERITAGE ENVIRONMENTAL SERVICES
4370 & COUNTY ROAD 1275 N
ROACHDALE: IN 46172-9593
solity's Phone: (765)435-2704 IND980503890 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13, Waste Codes and Packing Group (if any)) НМ Quantity Wt /Vol No. Type X RO, UN3432, POLYCHLORINATED BIPHENYLS. 20000 GENERATOR 1 OT K SOLID, MIXTURE, 7, POIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG#171 22144 26210 14. Special Handling Instructions and Additional Information 14. Special Handling Instructions and Additional Information
1. W1 01494188 T#14003663 Us 221446 (4882016)
WEST IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20 Trailers: 42-24 BULK PCB REMEDIATION WASTE TRAILER ERI: HERITAGE [13341969] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true Generator's/Offeror's Printed/Typed Name Conner, Heddesick on Day Year 2 Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.: 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Day Signature Year Sevin 120 1) 4013 2 Transporter 2 Printed/Typed Nam Year 18. Discrepancy 18a. Discrepancy Indication Space Quantity Residue Partial Rejection Full Rejection 06-2-20 DISCRAPANCY PESOLURA PER ROBERT PLEZBINDOWSKI Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Printed/Typed Name Signature EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM



Generator 211325

Facility

9019

ARCONIC LAFAYETTE, LLC

**3131 MAIN ST** 

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

**ROACHDALE, IN 46172-9593** 

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214593

Transx 14003663

**Gross Weight** 

83240

Pickup 02-JUN-20

**Tare Weight** 

34420

**Container** 28963547

30 DT

**Net Weight** 

48820

Unit No DT 42-24

Manifest 001094746WAS

Scale Date 02-JUN-20

Net Tons



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214593

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094746WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 02-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	22,144	H132
-	Totals	1	22,144	



(16/02

DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

Please print or type 4. Manifest Tracking Number 2. Page 1 of 3. Emergency Response Phone 1. Generator ID Number UNIFORM HAZARDOUS **WASTE MANIFEST** IHD005478094 (800)326-1221 001094747 Generator's Site Address (if different than mailing address) Generator's Name and Mailing Address.
ARCONIC LAYEAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325 LAFAYETTE, IN 47905-2272 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. FPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 IND980503890 (765)435-2704 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11 Total 12 Unit 13. Waste Codes and Packing Group (if any)) НМ Quantity Wt./Vol. No. Туре RQ.UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171 X 1 OT 20000 K 14. Special Handling Instructions and Additional Information 14. Special Handling Instructions and Additional Information
1. W1 01494188 T#14003665
WEST IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20 Trailer#:41-2 BULK PCB REMEDIATION WASTE TRAILER ERI: HERITAGE **[133419703** 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Conner Hedderick on Day Year 20 Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S. 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signature Transporter 2 Printed/Typed Name Signature 18. Discrepancy 18a. Discrepancy Indication Space ____ Туре Residue Partial Rejection Quantity __ Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 딦 18c. Signature of Alternate Facility (or Generator) Day Year Month 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) DESI H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Ite Printed/Typed Name



Generator 211325 ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 Facility

9019

HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214594

Transx 14003665

Gross Weight 80000

Pickup 02-JUN-20

Tare Weight 33140

Container 28963424

30 DT

Net Weight

46860

**Unit No** DT 42-27

Manifest 001094747WAS

Scale Date

02-JUN-20

Net Tons



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214594

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094747WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 02-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,255	H132
-	Totals	1	21,255	

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DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone 4. Manifest Tracking Number UN FORM HAZARDOUS IND005478094 (800)326-1221 001094748 **WASTE MANIFEST** Generator's Site Address (if different than mailing address) 5. Generator's Name and Mailing Address. 3131 MAIN ST 3131 MAIN ST LAFAYETTE, IN 47905-2272 LAFAYETTE, IN 47905-2272 (765)771-3191 0EN: 211325 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number IND058484114 HERITAGE TRANSPORT LLC - RAIL 7. Transporter 2 Company Name ILS FPAID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 U COUNTY ROAD 1275 N ROACHDALE: IN 46172-7593 cilitys Phone: (765)435-2704 IND980503890 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12 Unit 9a 13. Waste Codes and Packing Group (if any)) НМ No. Type Quantity Wt./Vol. RQ.UN3432.POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE.9.PGIII.(PCB REMEDIATION WASTE).(RQ = 1 LB).ERG#171 X 20000 GENERATOR 1 OT 22578 Q 6.2-20 14. Special Handling Instructions and Additional Information U: 2357845 (5198016) 1. WI 01494188 T#14003667 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: ERI: HERITAGE [13341971] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Conner Hedderick on Day Year 16. International Shipments Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.: 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Month Day Year Q 20 6 18. Discrepancy Quantity 18a. Discrepancy Indication Space Residue → Partial Rejection Full Rejection 06-2-20 DISCHAPANCY RESOLVED PER RUBERT PREZBINDOWSKI Manifest Reference Number 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Printed/Typed N Day 06 102 120



Generator 211325 ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 Facility 9019

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

**ROACHDALE, IN 46172-9593** 

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214595

Transx 14003667

Gross Weight 82760

Pickup 02-JUN-20

Tare Weight 30780

Container 28963545

30 DT

Net Weight 51980

**Unit No** DT 42-29

Manifest 001094748WAS

Scale Date _ 02-JUN-20

Net Tons _



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214595

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094748WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 02-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	23,578	H132
-	Totals	1	23,578	



Form Approved, OMB No. 2050-003

<b>1</b>		ORM HAZARDOUS	1. Generator ID Numb		2. Page 1 of	1			4. Manifest	Fracking Nu	mber	RAS	
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		igi main st Afayette, i	N 47905-22	72		LAFA	Main ( Ette,	IN 47	905-227	2			
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Generator 211325

Facility

9019

ARCONIC LAFAYETTE, LLC

**3131 MAIN ST** 

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

**ROACHDALE, IN 46172-9593** 

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214596

Transx 14003669

**Gross Weight** 79120

Pickup 02-JUN-20

**Tare Weight** 33740

**Container** 28963556

30 DT

**Net Weight** 45380

**Unit No** DT 42-35

Manifest 001094749WAS

02-JUN-20 Scale Date

Net Tons



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214596

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094749WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 02-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	20,584	H132
-	Totals	1	20,584	



Form Approved. OMB No. 2050-0039 e 1 of 3. Emergency Response Phone 4. Manifest Tracking Number

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5. Generator's Name and Mailing Address. ARLUNIT LAYEAYETE, LLC / LINDLEY JARRETT Generator's Site Address (if different than mailing address) 3131 HAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191 Generator's Phone: Generator's Phone: Generator's Phone: Generator's Name and Mailing Address. Generator's Site Address (if different than mailing address) ARLUNITE Generator's Site Address (if different than mailing address) ARLUNITE Generator's Site Address (if different than mailing address) Generator's Site Address (if different than mailing address) Generator's Site Address (if different than mailing address) GENERATOR (IN 12 12 12 12 12 12 12 12 12 12 12 12 12														
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Generator 211325
ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214597

Transx 14003671

Gross Weight 79320

Pickup 02-JUN-20

Tare Weight 33380

Container 28963625

30 DT

Net Weight 45940

**Unit No** DT 42-28

Manifest 001094750WAS

Scale Date 02-JUN-20

Net Tons ____



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094750WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 02-JUN-20

Disposal Process Wastestream		# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	20,838	H132
-	Totals	1	20,838	



EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.



DESIGNATED FACILITY TO EPA'S e-MANIFEST

2. Page 1 of 3. Emergency Response Phone 4. Manifest Tracking Number 1. Generator ID Number UNIFORM HAZARDOUS 001094751 **WASTE MANIFEST** IND005478094 (800)326-1221 5. Generator's Name and Mailing Address LLC / LINDLEY JARRETT Generator's Sile Address (if different than mailing address) 3131 MAIN ST 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325 LAFAYETTE, IN 47905-2272 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 cilitys Phone: (765) 435-2704 IND980503890 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) HM No Type Quantity Wt./Vol RQ, UN3432, POLYCHLORINATED BIPHENYLS, SULID, MIXTURE, 9, POIII, (PCB REMEDIATION X I GENERATOR DT 20000 17899 WASTE), (RQ = 1 LB), ERG#171 026-2-20 14. Special Handling Instructions and Additional Information
1. W1_Q1494188_T#14003673
UGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20 14. Special Handling Instructions and Additional Information BULK PCB REMEDIATION WASTE TRAILER Trailer#: ERI: HERITAGE £133419743 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generat Generator's/Offeror's Printed/Typed Name Comer Hedder & Month Day Year 16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S. Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signatu Month BINSON Transporter 2 Printed/Typed Name Month 18. Discrepancy 18a. Discrepancy Indication Space Туре D Quantity Residue Partial Rejection Full Rejection 0.6.2.20 DISCHAPPANCY RESOLUTED PAL ROBERT PREZBINDOWSKI Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 8132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the marifest except as not Printed/Typed Name Signature 16 62



### **Weight Ticket**

Generator 211325 ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214598

Transx 14003673 Gross Weight 73120

Pickup 02-JUN-20 Tare Weight 33660

**Container** 28963679 6059 DT **Net Weight** 39460

Unit No DT 42-30

Manifest 001094751WAS Scale Date 02-JUN-20

**Net Tons** 19.73

(wt_ticket.rdf) Page 1



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214598

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094751WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 02-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	17,899	H132
-	Totals	1	17,899	

|--|--|--|

TX:

5. Generator's Name and Mailing Address E. L.C. / LINDLEY JARRETT Generator's Site Address III different than mailing address) 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: 6. Transporter 1 Company Name  HERITAGE TRANSPORT LLC - RAIL 7. Transporter 2 Company Name  8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 U COUNTY ROAD 1275 N RDACHDALE, IN 46172-7573 Facility's Phone:  9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number,  10. Containers  11. Total  11. Total  12. Transporter Site Address Address U.S. EPA ID Number, 10. Containers 11. Total  11. Total  12. Total  13. Transporter Site Address Address U.S. EPA ID Number, 10. Containers 11. Total  12. Total  13. Transporter Site Address U.S. EPA ID Number, 10. Containers 11. Total 11. Total 12. Total 13. Total 14. Total 15. Transporter Site Address U.S. EPA ID Number, 16. Transporter Site Address U.S. EPA ID Number, 17. Transporter Site Address U.S. EPA ID Number, 18. Designated Facility Name and Site Address U.S. EPA ID Number, 19. Designated Facility Name and Site Address U.S. EPA ID Number, 19. Designated Facility Name and Site Address U.S. EPA ID Number, 19. Designated Facility Name and Site Address U.S. EPA ID Number, 19. Designated Facility Name and Site Address U.S. EPA ID Number, 19. Designated Facility Name and Site Address U.S. EPA ID Number, 19. Designated Facility Name and Site Address U.S. EPA ID Number, 19. Designated Facility Name and Site Address U.S. EPA ID Number, 19. Designated Facility Name and Site Address U.S. EPA ID Number, 19. Designated Facility Name and Site Address U.S. EPA ID Number, 19. Designated Facility Name and Site Address U.S. EPA ID Number, 19. Designated Facility Name and Site Address U.S. EPA ID Number, 19. Designated Facility Name and Site Address U.S. EPA ID Number, 19. Designated Facility Name and Site Address U.S. EPA ID Number, 19. Designated Facility Name and Site Address U.S. EPA ID Number, 19. Designated Facility Name and Site Address U	484114 per 503890	WAS						
6. Transporter 1 Company Name  HERITAGE TRANSPORT LLC - RAIL  7. Transporter 2 Company Name  8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 U COUNTY ROAD 1275 N  ROACHDALE, IN 46172-7573  Facility's Phone:  9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))  1. No. Type  1. Total 1.	484114 Der 503890							
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 U COUNTY ROAD 1275 N ROACHDALE, IN 46172-7593 Facility's Phone: (765) 435-2704   9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))  1. 10. Containers No. Type Quantity W	503890 2. Unit 13. Wa							
HERITAGE ENVIRONMENTAL SERVICES 4370 W CDUNTY ROAD 1275 N RDACHDALE, IN 46172-9593 Facility's Phone: (765) 435-2704  9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))  1. 10. Containers 11. Total 1 No. Type Quantity W	503890							
HM and Packing Group (if any))  No. Type Quantity V  1.	1.3. VVA							
X RQ, UN3432, POLYCHLORINATED BIPHENYLS, 1 OT 20000 SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION 2223)		ste Codes						
2 2	К							
3.								
4.								
14. Special Handling Instructions and Additional Information 1. W1 91494188_T#14003675 WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/3/20 BULK FCB REMEDIATION WASTE TRAILER Trailer# 42-2) ERI: HERITAGE [13341975]								
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.  I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.	ng name, and are classifi	the Primary  Day Year						
Generator's Printed Typed Name Consor Headerick on Signature    Generator's Printed Typed Name Consor Headerick on Signature   Signature	6	3  20						
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signature  Transporter 2 Printed/Typed Name Signature	Month	Day Year Day Year						
18. Discrepancy								
18a. Discrepancy Indication Space Quantity Type Residue Partial Rejection	n $\square$	Full Rejection						
NECORPA voj RESOURO DE RUBERT PRE 2 BINDOWSKI Manifest Reference Number:   18b. Alternate Facility (or Generator) U.S. EPA ID Num	)er	tanta de la tras especial de la companya de la companya de la companya de la companya de la companya de la comp						
18b. Alternate Facility (or Generator)  Facility's Phone:  18c. Signature of Alternate Facility (or Generator)  19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)  1. 2. 3. 4.	Month	n Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)  1.   2.   3.   4.								
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Itemy 18a  Printed/Typed Name  Signature	Month							
EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.  DESIGNATED FACILITY TO	CG   EPA's e-MANIF	(03  20   FEST SYSTEM						



Generator 211325

Facility 9019

ARCONIC LAFAYETTE, LLC

HERITAGE ENVIRONMENTAL SERVICES

**3131 MAIN ST** 

4370 W COUNTY ROAD 1275 N

LAFAYETTE, IN 47905-2272

**ROACHDALE, IN 46172-9593** 

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214599

Transx 14003675

**Gross Weight** 82440

Pickup 03-JUN-20

**Tare Weight** 33420

Container 28964937

30 DT

**Net Weight** 49020

**Unit No** DT 42-27

Manifest 001094752WAS

Scale Date 03-JUN-20

Net Tons 24.51



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214599

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094752WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 03-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	22,235	H132
-	Totals	1	22,235	

Please pri						348						Form	Approved.		
1	ORM HAZARDO	<b>703</b>	enerator ID Nu INDOOS4				2. Page 1	1 of   3. E	Emergency Respon			Tracking Nu	4753	V	VAS
3 	perator's Name and KCUNIC L 131 MAIN AFAYETTE rator's Phone:	ST , NI .		2272	INDLE	Y JARK	ETT	3 L	erator's Site Addres RCUNTC LI 131 MAIN AFAYETTE EN: 2113	s (if different the AFAYET ST IN 4	han mailing addre	ss)	71.50		<u> </u>
6. Tra	6. Transporter 1 Company Name  HERITAGE TRANSPORT LLC - RAIL  7. Transporter 2 Company Name  U.S. EPA ID Number  U.S. EPA ID Number  U.S. EPA ID Number											.14			
Hi 4:	signated Facility Na ERITAGE 370 W CO DACHDALE MYS Phone:	ENVIR UNTY I , IN -	ONMENTA YOAD 12	175 N 1593	ICES						U.S. EPAID	Number <b>805038</b>	190		
9a. HM	9b. U.S. DOT Do and Packing Gro		cluding Proper	Shipping Name,	, Hazard C	lass, ID Numbe	г,		10. Cont	ainers Type	11. Total Quantity	12. Unit Wt./Vol.	13. W	Vaste Code	es
ENERATOR -	1. RQ, U SOLID, WASTE),	HIXTU	RE, 9, P(	ALORINA BIII, (PI ERG#17	CB RE	PIPHENY MEDIAT	LS. ION		1	DT	20000	к			
	2.														
	3.														
	4. ·											_			
1. 46 BU	LK PCB R GENERATOR'S/OI marked and labeled Exporter, I certify th	188 T 11 II EMED I FFEROR'S ( I/placarded, at the content ste minimizanted/Typed N	M14003& S AN ES ATION I CERTIFICATION and are in all in this of this constition statement lame Consideration	AASTE N: I hereby decesspects in proper ignment conform identified in 40 cm.	clare that the condition in to the ter CFR 262.2	RAILER ne contents of the for transport ar ms of the attact 7(a) (if I am a la	Tra is consignm coording to a ned EPA Ack urge quantity	OF R 11er ent are fu applicable nowledgr	#: <u>U2~2</u> ully and accurately of international and not ment of Consent. or) or (b) (iff am a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a signal and a sig	lescribed aborational govern	ERI: HERI ve by the proper si mental regulations	TAGE	E, and are class	sified, pack m the Prin	nary / Year
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18. Di	screpancy Discrepancy Indicat	ion Space	Quar	itity		Туре			Residue		Partial Re	jection		Full Re	jection
Facilit	Altemate Facility (or y's Phone: Signature of Alterna		r Generator)						Manifest Referen	ce Number:	Ų.S. EPA ID	Number	Mor	nth Da	ny Year
18c. S 19. Ha 1.	azardous Waste Re	port Manag	ement Method	Codes (i.e., cod	es for haza	ardous waste tre	eatment, disp	oosal, and	d recycling systems	)	Та				
20. De			H132 erator: Certifica	tion of receipt of	f hazardou	s materials cov	ered by the r		except as noted in ju	ქ <del>ე</del> ლე18a	4.				
<u> </u>	d/Typed Name	<u>· · · · · · · · · · · · · · · · · · · </u>	BARG					Signatur	1/1	2/	D FACILITY	/ TO EDA	1 <i>0</i> 0	6 1/3	20



Generator 211325

Facility

9019

HERITAGE ENVIRONMENTAL SERVICES

ARCONIC LAFAYETTE, LLC 3131 MAIN ST

4370 W COUNTY ROAD 1275 N

LAFAYETTE, IN 47905-2272

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214600

Transx 14003677

Gross Weight 81880

Pickup 03-JUN-20

Tare Weight 34280

Container 28964938

30 DT

Net Weight 47600

**Unit No** DT 42-24

Manifest 001094753WAS

Scale Date 03-JUN-20

Net Tons



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214600

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094753WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 03-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,591	H132
-	Totals	1	21,591	



Form Approved, OMB No. 2050-0039

$\uparrow$	UN	NIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number IMD005478074	1	Ģ	gency Response 800 > 326-	-1221		Tracking Nu 0109		W	'AS
		3131 HAIN ST LAFAYETTE, I	MAYETTE. LLC / LINDLEY JAKR N 47905-2272 65)771-3191		313 LAF	rsie Address 1 MAIN 9 AVETE, 211329	3T IN 47					
		Fransporter 1 Company Nam HERITAGE TRA  Fransporter 2 Company Nam	NSPORT LLC - RAIL					U.S. EPAID I	58484	114		
	8. Designated Facility Name and Site Address U.S. EPA ID Number											
	HERITAGÉ ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765) 435-2704											
	9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))  No. Type Quan								12. Unit Wt./Vol.	13. W	aste Codes	;
ATOR -	X	SOLID, MIX	32.POLYCHLORIMATED BIPHENY TURE.9.PGIII.(PCB REMEDIAT	LS, ION		Perf	от	<del>20000</del> 22435	к			
GENERATOR		WASTE), (RQ	= 1 LB), ERG#171					06-320				
		3.		<del>Diameter ( )                                    </del>				***************************************				
		4.										MAPPERANGANA MEMPINYANGAN PERANGAN PERA
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	14. 1	Special Handling Instruction . W1 91474198 GT TN SEC 11	is and Additional Information T#14003679 IS AN ESTIMATE, EARLIEST	SKS (49 DATE OF	4col6	) OVAL FRO	OM SER	VICE 6	13	120		
	E	ULK PCB REME	DIATION WASTE TRAILER OR'S CERTIFICATION: I hereby declare that the contents of the	Trail	er#:	42-35	E	RI:HERI	TAGE	r:	13341	
		marked and labeled/placar Exporter, I certify that the of I certify that the waste min	rded, and are in all respects in proper condition for transport a contents of this consignment conform to the terms of the attac ilmization statement identified in 40 CFR 262.27(a) (if I am a l	ccording to appl hed EPA Acknov arge quantity ger	icable inter vledgment	mational and nation of Consent.	onal governm	ental regulations				
Ų.	L	nerator's/Offeror's Printed/Ty  Pelval F of International Shipments	ped Name Connerttedderick or Arconic Lafayette, LLe	<u>-                                    </u>	gnature	n He	dde			Monti   E		Year   <b>2</b> 0
NT/L	Tra	ansporter signature (for expo		Export from	U.S.	Port of ent Date leavir	•					
TRANSPORTER		nsporter Printed Typed Na		Siç	gnature	7.0				Monti		Year
TRANS		nsporter 2 Printed/Typed Na	me	Się	gnature					Mont	h Day	Year
1	-	Discrepancy Indication Spa	ace A Quantity Type			Residue		Partial Re	ection		Full Reje	ction
L	18b	ISCNOPANCY <u>RESE</u> D. Alternate Facility (or General	WED PAR NOBERT PREZPINDOUSEI	06320		anifest Reference	Number:	U.S. EPA ID I	Number		***************************************	
DESIGNATED FACILITY	-	cility's Phone: c. Signature of Alternate Faci	llity (or Cenerator)	W. (1984)			***************************************			Mon	th Day	Year
GNATE		<u> </u>	lanagement Method Codes (i.e., codes for hazardous waste tr	contract dianos	ol and roo	nalina suotomo\				Wion	ui Çay	1601
- DES	1.	riazardous vvasie resport w	H132	3.	ai, ailu iec	yamg systems)	1	4.				
		nted/Typed Name	or Operator: Certification of receipt of hazardous materials cov		ifest excer	ot as noted in step	1,189			Mont	th Day	Year
Į↓ EP/	For		WW HMGA Previous editions are obsolete.	$-(\bot$			GNATE	) FACILITY	TO EPA	00	6 0 3	20 SYSTEM
										wall #1#1		



Generator 211325
ARCONIC LAFAYETTE, LLC
3131 MAIN ST

LAFAYETTE, IN 47905-2272

Facility 9019

HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N

ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214601

**Transx** 14003679

Gross Weight 83440

Pickup 03-JUN-20

Tare Weight 33980

Container 28964939

30 DT

Net Weight 49460

Unit No DT 42-35

Manifest 001094754WAS

Scale Date 03-JUN-20

Net Tons



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214601

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094754WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 03-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	22,435	H132
-	Totals	1	22,435	

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Generator

211325

Facility

9019

ARCONIC LAFAYETTE, LLC

**3131 MAIN ST** 

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

**ROACHDALE, IN 46172-9593** 

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

30 DT

**Stop** 3214602

Transx 14003681

**Gross Weight** 

81020

33800

Pickup 03-JUN-20

**Net Weight** 

**Tare Weight** 

47220

**Unit No** DT 42-28

**Container** 28964954

Manifest 001094755WAS

Scale Date 03-JUN-20

Net Tons 23.61



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214602

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094755WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 03-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,418	H132
-	Totals	1	21,418	

Plea	se prin	it or type.						Form A	Approved, Ol		
<b>↑</b>		ORM HAZARDOUS 1. Generator ID Number INDOCS478094	2. Page 1 of	·	jency Response 3001326		4. Manifest	Tracking Nun 0 1 0 9		14/	AS
		INDO05478094  Letalor's Name and Mailing Address F. LLC / LINDLEY JAN  COUNTY LATER TETES LLC / LINDLEY JAN			'i Sije Address				4100	VV	<u>AJ</u>
	31 L#	ROUNIC LATRATETTE, LLC / LINDLET SAN 131 MAIN ST AFAYETTE, IN 47905-2272 (765)771-3191	KE	313: LAF/	MAIN S YETTE, 21132	ST IN 47'			-		
	6. Trar	sporter 1 Company Name					U.S. EPA ID N				
		CRIVAGE TRANSPORT LLC - RAIL sporter 2 Company Name					U.S. EPA ID N	584841 lumber	14		
									*		
	HE 4: R(	ignated Facility Name and Site Address ERITAGE ENVIRONMENTAL SERVICES 170 W COUNTY ROAD 1275 N 1ACHDALE, IN 46172-7573 1/2 Phone: (765)435-2704		U.S. EPAID N	lumber 305038	90					
	9a.	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Nun	nber,		10. Contair	ners	11. Total	12. Unit			****
	HM	and Packing Group (if any))			No.	Туре	Quantity	Wt./Vol.	13. Wa	iste Codes	
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Generator 211325

Facility 9019

ARCONIC LAFAYETTE, LLC

**3131 MAIN ST** 

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

**ROACHDALE, IN 46172-9593** 

1 PCB REMEDIATION WASTE SOIL FROM THE ELLI WS

Stop 3214603

Transx 14003683

**Gross Weight** 79860

Pickup 03-JUN-20

**Tare Weight** 33260

**Container** 28966123

30 DT

**Net Weight** 46600

**Unit No** DT 42-27

Manifest 001094756WAS

03-JUN-20 Scale Date

Net Tons



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214603

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094756WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 03-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,137	H132
-	Totals	1	21,137	

TX: 398 4. Manifest Tracking Number 2. Page 1 of 3. Emergency Response Phone 1. Generator ID Number UNIFORM HAZARDOUS WASTE MANIFEST IND005478094 (800)326-1221 001094757 Generator's Site Address (if different than mailing address) Generator's Name and Mailing Address.

ARCUNIC LAYFAYETTE, LLC / LINDLEY JAKKETT 3131 MAIN ST 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325 LAFAYETTE, IN 47905-2272 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 IND980503890 (765)435-2704 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit ٩a 13. Waste Codes and Packing Group (if any)) нм Quantity Wt Not No. Туре RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, POIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171 20000 K GENERATOR X 1 OT 22063 126.3.20 14. Special Handling Instructions and Additional Information TRAILER Trailer#: 42-24 BULK PCB REMEDIATION WASTE ERI: HERITAGE [13341980] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true Generator's/Offeror's Printed/Typed Name Connex Hoddards on Month Day Year Import to U.S. Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.: 17. Transporter Acknowledgment of Receipt of Materials TRANSPORTER Transporter 1 Printed/Typed Name Signature Month Day Year Rei 20 Bevin 1) and Transporter 2 Printed/Typed Name Year Day 18. Discrepancy 18a. Discrepancy Indication Space Quantity Residue □ Partial Rejection Full Rejection 06.320 DISCREPANCY RESOLVED PEL ROBERT PREZBINDOUSKI Manifest Reference Number 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H172 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in

Signature

Printed/Typed Nag

EPA Form 8700-22 (Rev. 12'-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

06 03



**Unit No** DT 42-24

### **Scale Ticket**

Generator 211325 Facility 9019

ARCONIC LAFAYETTE, LLC

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

LAFAYETTE, IN 47905-2272 ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214604

Transx 14003685 Gross Weight 82780

Pickup 03-JUN-20

Container 28966151 30 DT Net Weight 48640

Manifest 001094757WAS Scale Date 03-JUN-20

Net Tons 24.32



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214604

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094757WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 03-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	22,063	H132
-	Totals	1	22,063	



Form Approved OMP No. 2050 0020

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Generator 211325
ARCONIC LAFAYETTE, LLC
3131 MAIN ST

LAFAYETTE, IN 47905-2272

**Facility** 

9019

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

**ROACHDALE, IN 46172-9593** 

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214605

Transx 14003687

Gross Weight 77080

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Pickup 03-JUN-20

Tare Weight

33860

**Container** 28966152

3966152 30 DT

**Net Weight** 

43220

**Unit No** DT 42-35

Manifest 001094758WAS

Scale Date

03-JUN-20

Net Tons

21.61



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214605

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094758WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 03-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	19,604	H132
-	Totals	1	19,604	

TX: Please print or type. Form Approved. OMB No. 2050-0039 2. Page 1 of 3. Emergency Response Phone 4. Manifest Tracking Number 1. Generator ID Number **UNIFORM HAZARDOUS** IND005478094 (800)326-1221 001094759 **WASTE MANIFEST** Generator's Sile Address (if different than mailing address) 5. Generator's Name and Mailing Address. 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address
HERITAGE ENVIRONMENTAL SERVICES U.S. EPA ID Number 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 acilit's Phone: (765)435-2704 IND980503890 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12 Unit 9a 13. Waste Codes and Packing Group (if any)) HМ No. Type Quantity Wt./Vol. RO.UN3432.FOLYCHLORINATED BIPHENYLS, SOLID. MIXTURE.7.PGIII.(PCB REMEDIATION WASTE).(RQ = 1 LB).ERG#171 X OT 20000 1 K 14. Special Handling Instructions and Additional Information d: 21827 13 (4812015) 1. W1_Q1494188_T#14003689 WET IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/3/20 Trailer#: 42-28 BULK PCB REMEDIATION WASTE TRAILER ERI: HERITAGE [13341982] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPAAcknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (#Ham a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Comer Heablerick on Year Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.: 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signature Day Year 202 Transporter 2 Printed/Typed Name Signature 18. Discrepancy 18a. Discrepancy Indication Space Type Residue Quantity Partial Rejection Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Geлегator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Printed/Typed Name 06 03

DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

EPA Form 8700-22 (Rev. 42-17) Previous editions are obsolete



Generator 211325

Facility 9019

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

**ROACHDALE, IN 46172-9593** 

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214606

Transx 14003689

**Gross Weight** 81760

Pickup 03-JUN-20

**Tare Weight** 33640

**Container** 28966343

30 DT

**Net Weight** 48120

**Unit No** DT 42-28

Manifest 001094759WAS

Scale Date 03-JUN-20

Net Tons 24.06



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214606

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094759WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 03-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,827	H132
-	Totals	1	21,827	

169	ise piin	it or type.		-		100 4 6	105		Di .	I d. Benniford		Approved. C	MR NO. 2	050-0039
$\uparrow$		ORM HAZARDOUS 1	. Generator ID Nu IMDO054			2. Page 1 or	1	gency Response 800/326-		4. Manifest		imber 14760	W	AS
	31	erators Name and Mailing 131 MAIN ST AFAYETTE, IN	1 47905-2	272	DLEY JARRI	Earl Say & Pales	313 LAF	I MAIN S	5T IN 47	permailing addres				*** * * * * * * * * * * * * * * * * * *
		ator's Phone:	5)771-31	.71			GEN	: Elloco	3	110 55151				
	l	nsporter 1 Company Name ERITAGE TRAN	ISPORT II	C - PATI						U.S. EPAID N	lumber 58484:	114		
		sporter 2 Company Name	******************************	- M 13112-F						U.S. EPA ID N		2. 2. °C	······································	
										1				
	HE 43 RC	ignated Facility Name and FRITAGE ENVI 1370 U COUNTY JACHDALE, IN 1/s Phone:	ROMMENTA ROAD 12	175 N 1593	ES					U.S. EPAID N	lumber 30503(	390		
	9a. HM	9b. U.S. DOT Description and Packing Group (if any		Shipping Name, Ha	zard Class, ID Number,			10. Contain	ers Type	11. Total Quantity	12. Unit Wt./Vol.	13. W	aste Codes	
ATOR -		1. RO,UM343 SOLID, MIXT	IZ, POLYCH URE, Y, PO	LORINATE	D BIPHENYL REMEDIATI	S.		1.0.	ÜΤ	20000 22344	K			
GENERATOR		UASTE),(RQ 2.	- 1 L 1971	<u>eromi/i</u>						26320				
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		4.												
	BUL	ecial Handling Instructions J1 01494188 F TM SEC 11  K FCB REMED BENERATOR'S/OFFEROR	IATION L	JASTE	TRAILER	Trail	er前:	42-2	<u> </u>	ERI: HERI	TAGE	r:	13341	
	m E	narked and labeled/placard exporter, I certify that the co certify that the waste minimator's/Offeror's Printed/Type	ed, and are in all re ntents of this consi nization statement	espects in proper co gnment conform to identified in 40 CFR	ondition for transport ac the terms of the attach 262.27(a) (if I am a lar	cording to appli ed EPA Acknow rge quantity gen	icable inter rledgment	mational and nation of Consent.	onal governr	nental regulations.			n the Prima	
	10e	hat of A ernational Shipments	Acconic	Lafa	yette, CL	<u>-C                                    </u>	(	m to	tek	le_		_6	3	125
Ē	Transp	oorter signature (for exports	Import to sonly):	U.S.		Export from \	U.S.	Port of enti Date leavin	-					
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۲		OMPANOY QESOL Itemate Facility (or General		UBBOT PR	EZBINBOW	SKI	-	- 20 anifest Reference	Number:	U.S. EPA ID N	lumher			
RCILIT		r's Phone:	,											
DESIGNATED FACILITY	18c. Si	ignature of Alternate Facility		100								Mon	h Day	Year
ESIG	***********	zardous Waste Report Mar	nagement Method	Codes (i.e., codes f	or hazardous waste tre	atment, disposa	al, and rec	ycling systems)		1,				
百 	1.		H132	Z.	***************************************	3.			1	4.				
		signated Facility Owner or	Operator: Certifica	tion of receipt of ha	zardous materials cove	red by the man	itest excer	ot as noted in Item	186			Mont	h Dav	Year
			() BAR	CA .				1/1/	1 57			106	n Day 103	20



Generator 211325
ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214607

Transx 14003691

Gross Weight 82400

Pickup 03-JUN-20

Tare Weight 33140

**Container** 28966753

30 DT

Net Weight 49

49260

**Unit No** DT 42-27

Manifest 001094760WAS

Scale Date

03-JUN-20

Net Tons

24.63



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214607

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094760WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 03-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	22,344	H132
-	Totals	1	22,344	

EPA Form 8 00-22 (Rev. 12-17) Previous editions are obsolete.

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DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

4. Manifest Tracking Number 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone **UNIFORM HAZARDOUS** 001094761 **WASTE MANIFEST** IND005478094 (800)326-1221 李 Generator's Site Address (if different than mailing address) Generator's Name and Mailing Address.

AKCUNIC LAYEAYETE: LLC / LINDLEY JARKETT 3131 MAIN ST 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325 LAFAYETTE, IN 47905-2272 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES
4370 U COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593
acilitys Phone: (765)435-2704 IND980503890 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12 Unit 9a 13. Waste Codes and Packing Group (if any)) НМ Quantity Wt No! No Type RQ.UN3432, POLYCHLORINATED BIPHENYLS, SOLID. MIXTURE, 9. POIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171 X 1 OT <del>-20000</del> GENERATOR 23042 P 6.3-20 14. Special Handling Instructions and Additional Information 0:23642 45 (5080015) 1. W1 01494188 T#14003693 01230425 ( Section 1) WE THE SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/3/10 BULK PCB REMEDIATION WASTE TRAILER Trailer#: ERI: HERITAGE [13341984] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true Generator's/Offeror's Printed/Typed Name Conner Hedderick on Signature Month Year Day Jd 16. International Shipments Port of entry/exit: Import to U.S Export from U.S. Date leaving U.S. Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials TRANSPORTER Transporter Printed/Typed Name Signatury Month Day Year 20 l Q Transporter 2 Printed/Typed Name Month Day Year 18. Discrepancy 18a. Discrepancy Indication Space A Quantity Residue □ Partial Rejection @ 6-3-20 DISCORPANCY RESOLUED PER ROBBET PREZBINDOWSKI Manifest Reference Number 18b. Alternate Facility (or Generator) U.S. EPA ID Number FACILITY Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Year Month Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item Printed/Type Name 06 20



Generator 211325
ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N

**ROACHDALE, IN 46172-9593** 

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214608

Transx 14003693

Gross Weight 84520

Pickup 03-JUN-20

Tare Weight 33720

**Container** 28967008 30 DT

Net Weight

50800

**Unit No** DT 42-35

Manifest 001094761WAS

Scale Date 03-JUN-20

Net Tons _

25.4



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214608

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094761WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 03-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	23,042	H132
-	Totals	1	23,042	

Please print or type.



UNIFORM HAZARDOUS 1. Generator ID Number 4. Manifest Tracking Number 2. Page 1 of 3. Emergency Response Phone (800)326-1221 001094762 IND005478094 **WASTE MANIFEST** ž. Generator's Name and Mailing Address.

ARCUM L. LATEATE E. LLC / LINDLEY JARKETT Generator's Site Address (if different than mailing address) 3131 MAIN ST 3131 MAIN ST LAFAYETTE, IN 47905-2272 LAFAYETTE, IN 47905-2272 (765)771-3191 GEM: 211325 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593
acilitys Phone: (765)435-2704 IND980503890 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12 Unit 13. Waste Codes and Packing Group (if any)) НМ Quantity Wt./Vol. Туре No RG.UN3432.POLYCHLORINATED DIPHENYLS. SOLID. MIXTURE.9.PGIII.(PCB REMEDIATION WASTE).(RG = 1 LB).ERG#171 GENERATOR X 1 DT 20000 4 14. Special Handling Instructions and Additional Information d: 2194645 (483804) 1. WI 01474188 T#14003675  $\alpha$ :  $\lambda$ :  $\lambda$ (148% (983804) upt in sec 11 is an estimate, earliest date of removal from service 6/3/20Trailer#: 1/2-28 BULK PCB REMEDIATION WASTE TRAILER ERI: HERITAGE [13341985] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Conner Headlerick Month Day Year 20 16. International Shipments Export from U.S. Port of entry/exit: Date leaving U.S.: Transporter signature (for exports only) 17. Transporter Acknowledgment of Receipt of Materials TRANSPORTER Transporter 1 Printed/Typed Name Signature Month Day Year 3 erod 202 Transporter 2 Printed/Typed Name Month Day Year Signature 18. Discrepancy 18a. Discrepancy Indication Space ____ Type Quantity Residue Partial Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Day Year Month 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H1 32 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Nam Signature EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM



Generator 211325 ARCONIC LAFAYETTE, LLC **3131 MAIN ST** LAFAYETTE, IN 47905-2272 **Facility** 9019 HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N **ROACHDALE, IN 46172-9593** 

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214609

Transx 14003695

**Gross Weight** 81,880

Pickup 03-JUN-20

**Tare Weight** 33500

**Container** 28967016

30 DT

**Net Weight** 

48380

**Unit No** DT 42-28

Manifest 001094762WAS

Scale Date 03-JUN-20

Net Tons

24.19



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214609

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094762WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 03-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,945	H132
-	Totals	1	21,945	



10.	UNIFORM HAZARI		1. Generator ID Num			ľ		gency Response		4. Manifest	Tracking Nu	ımber	ONID NO. 2	
	WASTE MANIFE		INDOOS4		·	11		800 ) 326-				4763	VV	AS
	Generator's Phone:	N ST E, It (7d	47905-21 55)771-31	272	OLEY JARRE	**T	313 Laf	1 MAIN 9	BT IN 47	7905-227	2			
	6. Transporter 1 Comp HERITAGE	•	, 4SPORT LLI	- RAIL						2	58484:	114		
	7. Transporter 2 Comp						***************************************			U.S. EPA ID N				
	,													,
	8. Designated Facility		I Site Address [ROMMENTAL	SERVICE	'S					U.S. EPA ID N	lumber			
	4370 N CI	OUNTY E, IN	Y ROAD 127 N 46172-99 65)435-27	75 N 593	-	,				IND9	B0503(	390		
	9a. 9b. U.S. DOT HM and Packing G			hipping Name, Haza	rd Class, ID Number,			10. Contain No.	ers Type	11. Total Quantity	12. Unit Wt./Vol.	13. V	Vaste Code:	5
GENERATOR -	SOLIO,	MIX	32, POLYCH TURE, 9, PG = 1 LB),	III,(PCB	DIPHENYL REMEDIATI	S/ OM		1	OT	<del>20000</del> 3(39)	K		U.	
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	I certify that the w	aste mini	mization statement id	entified in 40 CFR 2	e terms of the attache 62.27(a) (if I am a larg				ll quantity ge	enerator) is true.			. %	
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→ TRANSPORTER INT'L	Transporter 2 Printed/I	yped Nan	ne			Sig	nature	,				Mont	th Day	Year
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	18a. Discrepancy Indic	·	Le Quanti		Туре	०८ व	Le L	Residue		Partial Rej	ection		☐ Full Reje	ction
\ \	18b. Alternate Facility (	or Gener	ound Park	LOSSEM PR	EZBINDOWSA	a	Ma	anifest Reference	Number:	U.S. EPA ID N	lumber	·····		***************************************
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冒	18c. Signature of Altern	nate Facili	ty (or Generator)			at the						Mor	nth Day	Year
8	19. Hazardous Waste I	Donort Ma	programment Mather's Co	odon /i o sedes f	hozordouo wests 4	tmont dishess	d and so	voling overtows						<u> </u>
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	20. Designated Facility	Owner or	r Operator: Certification	on of receipt of haza	rdous materials cover			ot as noted in Item	18a				a. –	
	Printed/Typed Name		minn.	RNGA		Sig I	nature .	M).	2	- Marie Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos C		Mon	th Day	Year   2 <i>c</i>
EP/	L A Form 8700-22 (Rev.	// // . 12-17)	Previous editions			· ·		DES	GNATE	D FACILITY	TO FPA			
	•	•						الموسي						



### **Weight Ticket**

Generator 211325 ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

**Net Tons** 

34.61

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

 Stop 3214610

 Transx 14003697
 Gross Weight 99960

 Pickup 03-JUN-20
 Tare Weight 30740

 Container 28968674 10098 DT
 Net Weight 69220

 Unit No DT 42-15
 Scale Date 04-JUN-20

(wt_ticket.rdf) Page 1



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214610

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094763WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 04-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	31,397	H132
-	Totals	1	31,397	

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	R	DACHDALE, I	N 46172-1	593"						26 8 7 8 8 9	DATA:			
	Facilit	y's Phone:	65)435-27	704			O-O-0110-0000000000000000							
	9a.	9b. U.S. DOT Description		Shipping Name, Haza	ard Class, ID Number,	•		10. Contair	ners	11. Total	12. Unit	13 V	Vaste Codes	
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7		y's Phone:					·				<del></del>	***************************************		
里	18C. S	ignature of Alternate Facili	ity (or Generator)									Mor	nth Day	Year
DESIGNATED FACILITY	10 U-	zardous Waste Report Ma	anagement Mether	Codes (i.e. sadas f-	hazardous wests !	atmost diese-	al and	woling oveterns						
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	20. De	esignated Facility Owner or	r Operator: Certifica	tion of receipt of haza	ardous materials cove	red by the mar	ifest exce	pt as noted in Item	n 186a	L				
		d/Typed Name					gnature	, 1/	n	<del>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</del>	<del></del>	Mon	nth Day	Year
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EP/	Form	8700-22 (Rev. 12-17)	Previous edition	are obsolete.				DES	19NATE	D FACILITY	TO EPA	's e-MAN	IFEST S	YSTEM



Generator211325FacilityARCONIC LAFAYETTE, LLCHERITAGE

3131 MAIN ST LAFAYETTE, IN 47905-2272

**Unit No** DT 42-27

Manifest 001094764WAS

HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

Scale Date

9019

05-JUN-20

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214611

Transx 14003699 Gross Weight 77860

Pickup 05-JUN-20 Tare Weight 33420

 Container
 28972325
 30 DT
 Net Weight
 44440

Net Tons 22.22



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214611

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094764WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 05-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	20,157	H132
-	Totals	1	20,157	

TX: 528 Please print or type 4. Manifest Tracking Number 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone UNIFORM HAZARDOUS **WASTE MANIFEST** IND005478094 001094765 (800)326-1221 Generator's Site Address (if different than malling address) Generator's Name and Mailing Address
ARCUNIC LAYEATETTE, LLC / LINDLEY JAKKETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES
4370 U COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593
acilitys Phone: (765)435-2704 IND980503890 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) НМ Quantity Wt./Vol. No. Type X GENERATOR RO, UN3432, POLYCHLORINATED BIPHENYLS 1 DT 20000 K SOLID. MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171 14. Special Handling Instructions and Additional Information 14. Special Handling Instructions and Additional Information

1. W1 01494188 T#14003701

WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20 Trailer#: 42-23 BULK PCB REMEDIATION WASTE TRAILER ERI: HERITAGE [13341988] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: 1 hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Corner Headlerick on Day Year 16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.: Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials TRANSPORTER Transporter 1 Printed Typed Name Signature Month Day Year 20 Transporter 2 Printed/Typed Name Signature Month Day 18. Discrepancy 18a. Discrepancy Indication Space _____ Туре Quantity Residue Partial Rejection Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone DESIGNATED 18c. Signature of Alternate Facility (or Generator) Month Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

Printed/Typed Name

DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

16 05



Generator211325Facility9019ARCONIC LAFAYETTE, LLCHERITAGE ENVIRONMENTAL SERVICES3131 MAIN ST4370 W COUNTY ROAD 1275 NLAFAYETTE, IN 47905-2272ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop	3214612	non-connected to		
Transx	14003701		Gross Weight	80180
Pickup	05-JUN-20		Tare Weight	34080
Container	28972358	30 DT	Net Weight	46100
Unit No	DT 42-23		_	
Manifest	001094765WA	\S	Scale Date _	05-JUN-20
			Net Tons	23.05



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214612

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

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Generator Site Address: Gen#: 211325 DOCUMENT: 001094765WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 05-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	20,910	H132
-	Totals	1	20,910	

HM and receing study (it any))  X RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, POLII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERGW171  2.  3.  4.  4.  14. Special Handling Instructions and Additional Information 1. U1 G149418B T#14003703  UGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/26	S. EPA ID Number INDOS8484114 S. EPA ID Number S. EPA ID Number IND980503890  I. Total 12. Unit 13. Waste Codes with the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code of the code
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HERITAGE TRANSPORT LLC - RAIL  7. Transporter 2 Company Name  U.S. EPAID Number  U.S. EPAID Number  1. Description facility Name and Sile Address HERITAGE ENVIRONHENTAL SERVICES 4570 U.C. CRINTY ROPA 1275 N ROBANDALE, IN 46472-9593 Facilitys Phone.  10. Containers 11. Total 12. Unit 13. Waste  14. Special Harding Instructions and Additional Information 1. Description (Including Proper Shipping Name, Hazard Class, ID Number, No. Type 0. Quantity WILAGE  1. ROJUN3432. POLLYCHLORINATED REPHENYLS, 30LID, MIXTURE, 9, POIII, CPCB REPHEDIATION 1. DT 20000 K 30LID, MIXTURE, 9, POIII, CPCB REPHEDIATION 1. DT 20000 K 30LID, MIXTURE, 9, POIII, CPCB REPHEDIATION 1. DT 20000 K 30LID, MIXTURE, 9, POIII, CPCB REPHEDIATION 3. SPECIAL SERVICE STATES AND ESTIMATE, EARLIEST UATE OF REPOWLAL FROM SERVICE STATES 3. SEMERATORISOFFERN'S CERTIFICATION: Laberty decise that the contents of package of the system of the states of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the conten	INDOSB484114  S. EPA ID Number  S. EPA ID Number  IND980503890  I. Total 12. Unit wt./vol. 13. Waste Codes  DOOO K
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 U COUNTY ROAD 1275 N ROACHDALE, IM 46172-9573 Facility Phone: (765)435-2704  9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, Mo. Type Quantity Wt.Not. 13. Wash Proper Group (Fam.)  8 V. RO, UN3432, POLYCHLURINATED BIPHENYLS, IDT 20000 K SULD, MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, (PCB RENEDIATION SULD), MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI, MIXTURE, 9, POSITI	S. EPA ID Number  IND980503890  I. Total 12. Unit with 13. Waste Codes with 14. Unit with 14. Unit with 15. Unit wantity with 15. Unit waste Codes  CE 6/5/20  : HERITAGE [133415]  The proper shipping name, and are classified, package with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit waste Codes with 15. Unit wast
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### A370 IJ CBUNTY RGAD 1275 N RDACHDALE, IN 46172-9593 Facility's Phone:  (765)435-2704  98. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group (Final) MM and Packing Group	I. Total uantity Wt./Vol. 13. Waste Codes  DOOO K  CE 6/5/20  : HERITAGE [133415]  The proper shipping name, and are classified, package
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Ro. UN34332, POLYCHLORINATED BIPHENYLS,   1 DT 20000 K   1	CE 6/5/20 : HERITAGE [133415] te proper shipping name, and are classified, package
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4.   14. Special Handling Instructions and Additional Information   1. U1 314741GB T#14003703   UGT IN SEC 11 IS AN ESTIMATE. EARLIEST UATE OF REMOVAL FROM SERVICE 6/5/20	: HERITAGE [133415] e proper shipping name, and are classified, package
14. Special Handling Instructions and Additional Information 1. W1 314941GB T#14003703  WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20  BULK PCB REMEDIATION WASTE TRAILER Trailer#: W2-24 ERI: HERITAGE [13]  15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Exporter, I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.  Generator's/Offeror's Printed/Typed Name Cancer Healthesisch on Signature Month  16. International Shipments Import to U.S. Port of entrylexit:  Transporter Acknowledgment of Receipt of Malerials  Transporter 1 Printed/Typed Name  Signature  Month  Wash Signature  Month  Trarsporter 2 Printed/Typed Name  Signature  Month  Month	: HERITAGE [133415] e proper shipping name, and are classified, package
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14. Special Handling Instructions and Additional Information 1. U1 G149413B T#14003703 UGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: Y2-7Y ERI: HERITAGE 13 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Exporter, I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.  Generator's/Offeror's Printed/Typed Name Canner Healthesiach Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of the Conscillation of	: HERITAGE [133415] e proper shipping name, and are classified, package
1. UI G149418B T#14003703 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20  RULK PCB REMEDIATION WASTE TRAILER Trailer#: Y2-2Y ERI: HERITAGE [13]  15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.  I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.  Generator's/Offeror's Printed/Typed Name Consent Local Consent Signature Month  Linemational Shipments Import to U.S.  Transporter Signature (for exports only):  16. International Shipments Import to U.S.  Transporter Acknowledgment of Receipt of Materials  Transporter 1 Printed/Typed Name  Signature  Month  Month  Signature  Month  Month  Signature  Month  Month  Month  Month	: HERITAGE [133415] e proper shipping name, and are classified, package
Generator's/Offeror's Printed/Typed Name Connect Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick on Signature Heddesick Heddesick on Signature Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesick Heddesic	
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Transporter signature (for exports only):  Date leaving U.S.:  Transporter Acknowledgment of Receipt of Materials  Transporter 1 Printed/Typed Name  Signature  Month  Transporter 2 Printed/Typed Name  Signature  Month	6 5
17. Transporter Acknowledgment of Receipt of Materials   Transporter 1 Printed/Typed Name   Signature   Month	· ·
	Month Day
	Month Day
T I TO DISCOPLANT	
18a. Discrepancy Indication Space Quantity Type Residue Partial Rejection	Partial Rejection Full Rejec
Manifest Reference Number:  18b. Alternate Facility (or Generator)  U.S. EPA ID Number	•
18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone:	S. EPA ID Number
	S. EPA ID Number
18c. Signature of Alternate Facility (or Generator)  Month  19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)  1. 2. 3. 4.	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)  1.   3.   4.	
. H1 32	Month Day



Generator 211325
ARCONIC LAFAYETTE, LLC
3131 MAIN ST

LAFAYETTE, IN 47905-2272

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214613

Transx 14003703

Gross Weight 77800

Pickup 05-JUN-20

Tare Weight 33880

**Container** 28972359

30 DT

Net Weight 43920

**Unit No** DT 42-24

Manifest 001094766WAS

Scale Date 05

05-JUN-20

Net Tons

21.96



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214613

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094766WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 05-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	19,922	H132
-	Totals	1	19,922	

134	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Nur INDOOS4		2	Page 1 of	3. Emergency Res	•		1	Tracking Nur	nber 4 76 7		'AS
	3131 MAIN ST   LAFAYETTE, I	N 47905-2	LC / LINDLEY	JAKRET		Generator's Site Ad ARCUNIC 3131 MAI LAFAYETT	N 91	<b>T</b>	an mailing addres	ss)	_ v = v = v		
	Generator's Phone: 6. Transporter 1 Company Nam HERITAGE TRA 7. Transporter 2 Company Nam	NSPORT LL			<u> </u>	GEN: 211	325		U.S. EPA ID N  INDO  U.S. EPA ID N	584841	14		
	8. Designated Facility Name an HERITAGE ENV	nd Site Address							U.S. EPA ID N			·	
	4370 W COUNT ROACHDALE, I	Y ROAD 12	!75 N !593						IND9	805038	90		
	9a. 9b. U.S. DOT Description and Packing Group (if a		Shipping Name, Hazard Class	s, ID Number,		10. C No.	Container	s Type	11. Total Quantity	12. Unit Wt./Vol.	13. Was	te Codes	
GENERATOR -	X RO,UN34 SOLID, MIX WASTE),(RO	32, POLYCH TURE, 7, PO 1 = 1 LB),	LORINATED BI III, (PCB REM ERG#171	PHENYLS EDIATIO	H		1	DT	20000	К			
GEN	2.									_			
	3.												
	4. ·							:					
	14. Special Handling Instruction 1. W1 Q1494188 WGT IN SEC 11	T#140037 IS AN ES	OS TIMATE, EARL								20		
	marked and labeled/placa Exporter, I certify that the	DR'S CERTIFICATION orded, and are in all re- contents of this consi	N: I hereby declare that the cospects in proper condition for gnment conform to the terms	contents of this c r transport accor of the attached	onsignment a ding to applic EPA Acknowle	able international ar adgment of Consent	ely descri d nationa	ibed above al governm	ental regulations.	ipping name,	and are classifie	d, packa	9903 ged, ry
	Generator's/Offeror's Printed/Ty	ped Name Conn	dentified in 40 CFR 262.27(a er Hedderisch Labareth	- on		ature (if i am	a small q	quantity get	nerator) is true.		Month 16	Day	Year
INT'L	16. International Shipments  Transporter signature (for expo	Import to	U	, –	Export from U.		of entry/						
띪	17. Transporter Acknowledgmer	nt of Receipt of Materi	als				·······································	J.J.,					
POR	Transporter 1 Printed/Typed Na	and a			Sign		H	for	L		Month	Day	Year
TRANSPORTER	Transporter 2 Printed/Typed Na	ime			Sign	aptire /	D				Month	Day	Year
<b> </b>	18. Discrepancy 18a. Discrepancy Indication Sp	ace Quant	lity [	Туре		Residue			Partial Rej	ection		Full Reje	ction
CILITY —	18b. Alternate Facility (or Gene	rator)				Manifest Refe	erence No	umber:	U.S. EPA ID N	√umber			
DESIGNATED FACILITY	Facility's Phone: 18c. Signature of Alternate Faci	ility (or Generator)									Month	Day	Year
Sign	19. Hazardous Waste Report M	lanagement Method (	Codes (i.e., codes for hazardo	xus waste treatm	ent, disposal,	and recycling syste	ems)					L	1
표	1.	H132	2.	ا - املاء قم	3.		N 14 1	0-	4.				
. , ,	20. Designated Facility Owner of	or Operator: Certifical	isko di receloi di nazambilis m	raterials covered	ny me manifa	hating sectioning	in irom 1	oa .					
	Printed/Typed Name	<u> </u>	<b>1</b>		Sign		)//	n	$\overline{}$		Month	Day	Year



Generator 211325

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214614

Transx 14003705

Gross Weight 74900

Pickup 05-JUN-20

Tare Weight 34020

**Container** 28972364 30 DT

Net Weight

40880

**Unit No** DT 42-29

Manifest 001094767WAS

Scale Date 05-JUN-20

**Net Tons** 

20.44



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214614

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094767WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 05-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	18,543	H132
-	Totals	1	18,543	

TX: Please print or type 2. Page 1 of 3. Emergency Response Phone 4. Manifest Tracking Number 1. Generator ID Number **UNIFORM HAZARDOUS** IND005478094 (800)326-1221 001094768 **WASTE MANIFEST** Generator's Site Address (if different than mailing address) 5. Geperator's Name and Majling Address 3131 MAIN ST 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325 LAFAYETTE, IN 47905-2272 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLG - RAIL INDOS8484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE. IN 46172-7593 cilit's Phone: (765) 435-2704 IND980503890 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12 Unit 9a 13. Waste Codes and Packing Group (if any)) нМ No Туре Quantity Wt Not RQ.UN3432.POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE.7.PGIII.(PCB REMEDIATION WASTE).(RQ = 1 LB).ERG#171 X GENERATOR Z OT 20000 14 14. Special Handling Instructions and Additional Information 14. Special Handling Instructions and Additional Information
1. W1 91494188 T#14003707
WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: ERI: HERITAGE [13341991] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Conner Hedderick Month Day Year Import to U.S. Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S. 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Day TRANSPORT QUE SIMPLA Transporter 2 Printed/Typed Name Signature 18. Discrepancy 18a. Discrepancy Indication Space Туре Quantity Residue □ Partial Rejection ☐ Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Year Month Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 4

> Month Day 16 105

DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

Printed/Typed Name

H132

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in items



Generator211325Facility9019ARCONIC LAFAYETTE, LLCHERITAGE ENVIRONMENTAL SERVICES

3131 MAIN ST 4370 W COUNTY ROAD 1275 N

LAFAYETTE, IN 47905-2272 ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop <u>3214615</u>

Gross Weight 8190

Transx 14003707 Gross Weight 81900

Pickup 05-JUN-20 Tare Weight 35120

**Container** 28972367 30 DT **Net Weight** 46780

Unit No DT 42-33

Manifest 001094768WAS Scale Date 05-JUN-20

Net Tons 23.39



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214615

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094768WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 05-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,219	H132
-	Totals	1	21,219	

Please	print or type.	100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HEIDENS 100 HE		Approved. OMB No. 2050-003			
	NIFORM HAZARDOUS   1. Generator ID Number   2. Page 1 of   3. E	mergency Response Phone (800)326-1221	4. Manifest Tracking Nu				
				THE WALL			
	5. Generator's Name and Mailing Address AKCONIC LAYFAYETTE. LLC / LINDLEY JARRETT ACCONIC LAFAYETTE. LLC / LINDLEY JARRETT ACCONIC LAFAYETTE. LLC / LINDLEY JARRETT ACCONIC LAFAYETTE. LAFAYETTE. IN 47905-2272 LAFAYETTE. IN 47905-2272 Generator's Phone:						
6.	Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL Transporter 2 Company Name		U.S. EPA ID Number INDOS8484 U.S. EPA ID Number	114			
	Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 acility's Phone: (765)435-2704		U.S. EPA ID Number  IND 980503	390			
9a H	a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number,	10. Containers  No. Type	11. Total 12. Unit Quantity Wt./Vol.	13. Waste Codes			
ENERATOR —	1. ( RO, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 7, POIII, (PCB REMEDIATION	No. Type	20000 K				
- GENER	WASTE),(RG = 1 LB), ERG#171 2.						
	3.						
	4. ·						
1114	Special Handling Instructions and Additional Information L W1 Q1494188 T#14003709  46T IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF RE	HOVAL FROM SER	VICE 6/5	120			
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	GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are furmarked and labeled/placarded, and are in all respects in proper condition for transport according to applicable Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgm I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator	ntemational and national governme ent of Consent.	ental regulations. If export sh				
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드	Import to U.S. Export from U.S.	Port of entry/exit: Date leaving U.S.:	ž				
当 17. Tra	Transporter Acknowledgment of Receipt of Materials ansporter 1 Printed/Typed Name Signature			Month Day Yea			
lg P	Jerod Sutton			16 15 1202			
TRAN	ansporter 2 Printed/Typed Name Signature	·		Month Day Year			
↑ 18.	is. Discrepancy Indication Space Quantity Type	Residue	Partial Rejection	Full Rejection			
  ≥   18i	b. Alternate Facility (or Generator)	Manifest Reference Number:	U.S. EPA ID Number				
FACILITY Far	salitada Dhagan	***	I				
NATED 180	icility's Phone: ic. Signature of Alternate Facility (or Generator)		<u>. L</u>	Month Day Ye			
DESIG 1.	1. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and P132 2. 3.	recycling systems)	4.				
1 I L	Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest e inted/Typed Name		<del></del>	Month Day Yea			
<u> </u>	orm 8700-22 (Ray 2-17) Previous editions are obsolete	(1/3	PACILITY TO EDA	06 05 20			



Generator211325FacilityARCONIC LAFAYETTE, LLCHERITAG3131 MAIN ST4370 W C

HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

9019

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214616

Unit No DT 42-28

Manifest 001094769WAS

LAFAYETTE, IN 47905-2272

Transx 14003709 Gross Weight 80880

Pickup 05-JUN-20 Tare Weight 33720

 Container
 28972372
 30 DT
 Net Weight
 47160

Net Tons 23.58

Scale Date 05-JUN-20



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214616

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094769WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 05-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,391	H132
-	Totals	1	21,391	

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Please print or type.				Form Approved
↑ UNIFORM HAZARDOUS	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
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Form Approved. OMB No. 2050-0039

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DESIGNATED FACILITY	19. Ha	zardous Waste Report M	anagement Method (	Codes (i.e., codes for hazardous waste tr	eatment, dispos	al, and red	cycling systems)						
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			or Operator: Certificat	ion of receipt of hazardous materials cov			pt as noted in Iten	188			11:	th Da	, Va
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211325 Generator Facility HERITAGE ENVIRONMENTAL SERVICES ARCONIC LAFAYETTE, LLC 4370 W COUNTY ROAD 1275 N 3131 MAIN ST LAFAYETTE, IN 47905-2272 **ROACHDALE, IN 46172-9593** 

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214617

Unit No 42-27

**Gross Weight** 80920 Transx 14003711

**Tare Weight** 33260 Pickup 05-JUN-20

**Container** 28972855 30 DT **Net Weight** 47660

Manifest 001094770WAS 05-JUN-20 Scale Date

> 23.83 Net Tons

9019



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214617

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094770WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 05-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,618	H132
-	Totals	1	21,618	

TX: 525 4. Manifest Tracking Number 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone UNIFORM HAZARDOUS IND005478094 (800)326-1221 001094771**WASTE MANIFEST** Generator's Site Address (if different than mailing address) Generator's Name and Mailing Address. 3131 MAIN ST 3131 MAIN ST LAFAYETTE, ÎN 47905-2272 GEN: 211325 LAFAYETTE, IN 47905-2272 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-7573 IND980503890 (765)435-2704 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) НМ Quantity Wt./Vol. No. Type 20000 GENERATOR X RO, UN3432, POLYCHLORINATED BIPHENYLS. 1 ¥ OT SOLID, MIXTURE, 7, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERGH171 23178 D65-20 14. Special Handling Instructions and Additional Information 42-23 BULK PCB REMEDIATION WASTE TRAILER Trailer#: ERI: HERITAGE [13341994] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true Generator's/Offeror's Printed/Typed Name Connect Heddericle on Day Year 16. International Shipments Import to U.S. ___ Export from U.S. Port of entry/exit: Date leaving U.S.: Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials TRANSPORTER Transporter 1 Printed/Typed Name Signature Day Year Transporter 2 Printed/Typed Name Signature Month Year 18. Discrepancy 18a. Discrepancy Indication Space Quantity ___ Residue __ Partial Rejection Full Rejection @65.20 KCARPANCY ARSOLVED PER ROBERT PREZBINDONSKI Manifest Reference Number: 18b. Alternate Facility (of Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year

Signature

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

Printed/Typed Name

H132

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the magifest except as noted in Item

DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

Day



Generator	211325	Facility 9019	
ARCONIC LA	FAYETTE, LLC	HERITAGE ENVIRONMENTAL SERVI	CES
3131 MAIN S	Т	4370 W COUNTY ROAD 1275 N	
LAFAYETTE,	IN 47905-2272	ROACHDALE, IN 46172-9593	

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop	3214618			
Transx	14003713		Gross Weight	85040
Pickup	05-JUN-20	NO AND AND AND AND AND AND AND AND AND AND	Tare Weight	33940
Container	28972905	30 DT	Net Weight	51100
Unit No	DT 42-23		_	
Manifest	001094771WA	NS .	Scale Date _	05-JUN-20

Net Tons _____25.55



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214618

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094771WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 05-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	23,178	H132
-	Totals	1	23,178	

Please print or type

398



UNIFORM HAZARDOUS 1. Generator ID Number 4. Manifest Tracking Number 2. Page 1 of 3. Emergency Response Phone 001094772 IND005478094 (800)326-1221 Î **WASTE MANIFEST** Generator's Site Address (if different than mailing address)
3131 MAIN ST 5. Generator's Name and Mailing Address E. LLC / LINDLEY JAKKETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191 LAFAYETTE, IN 47905-2272 GEN: 211325 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 U.S. EPA ID Number 7. Transporter 2 Company Name 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593
collids Phone: (765)435-2704 IND980503890 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total Qa. 12 Unit 13. Waste Codes and Packing Group (if any)) HM Quantity Wt.Not N٥ Type X RO, UN3432, POLYCHLORINATED BIFHENYLS, SOLID, MIXTURE, P. PGIII, (PCB REMEDIATION 20000 GENERATOR 1 DT 12534 WASTE), (RQ = 1 LB), ERG#171 \$6-5-20 14. Special Handling Instructions and Additional Information
1. W1 Q1494188 T#14003715

WOT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20 TRAILER Trailers: 42-24 BULK PCB REMEDIATION WASTE ERI: HERITAGE [13341995] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Conver Hedderick on Month Day Year behalf Export from U.S. Port of entry/exit: Ē Transporter signature (for exports only): Date leaving U.S.: 17. Transporter Acknowledgment of Receipt of Materials TRANSPORTER Transporter 1 Printed/Typed Name Month Year Signature Day Kevin Davis 20 Transporter 2 Printed/Typed Name Month Day Year 18. Discrepancy 18a. Discrepancy Indication Space Type Quantity Residue __ Partial Rejection __ Full Rejection 18b. Alternate Facility (of Generator)

18b. Alternate Facility (of Generator) Manifest Reference Number: U.S. EPA ID Number Facility's Phone: GNATED 18c. Signature of Alternate Facility (or Generator) Year Month Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) DES H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as note; Printed/Typed Na Signature ()6

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM



**Facility** Generator 211325 ARCONIC LAFAYETTE, LLC HERITAGE ENVIRONMENTAL SERVICES **3131 MAIN ST** 4370 W COUNTY ROAD 1275 N

LAFAYETTE, IN 47905-2272 **ROACHDALE, IN 46172-9593** 

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214619

**Unit No** DT 42-24

**Gross Weight** 83400 Transx 14003715

**Tare Weight** 33720 Pickup 05-JUN-20

**Container** 28972939 **Net Weight** 30 DT 49680

Manifest 001094772WAS Scale Date 05-JUN-20

> 24.84 Net Tons

9019



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214619

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094772WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 05-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	22,534	H132
-	Totals	1	22,534	



ASSET MANIFEST   INDOS 478094   1	آلم	UNIFORM HAZARDOUS	1. Generator ID Number	2. Page 1 of	3. Emergency Response	Phone	4. Manifest	Tracking Nu	ımber		
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3131 MAIN ST LAFAYETTE, IN 47905-2272 Searcator's Process Search Stands A Contractor Company Name  HERITAGE TRANSPORT LLC - RAIL  1. Transporter Company Name  U.S. EPA ID Number  U.S. EPA ID Number  U.S. EPA ID Number  U.S. EPA ID Number  U.S. EPA ID Number  U.S. EPA ID Number  U.S. EPA ID Number  U.S. EPA ID Number  U.S. EPA ID Number  U.S. EPA ID Number  U.S. EPA ID Number  U.S. EPA ID Number  HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N  ROACHDALE, IN 46172-9593  Sell U.S. O'D Searching Including Proper Silvipring Name, Hazard Class, ID Number,  Her and Packing Group (Farm)  Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search	╽┝				L				<b>***</b> 1 1 4		70
3131 MAIN ST LAFAYETTE, IN 47905-2272 Searcator's Process Search Stands A Contractor Company Name  HERITAGE TRANSPORT LLC - RAIL  1. Transporter Company Name  U.S. EPA ID Number  U.S. EPA ID Number  U.S. EPA ID Number  U.S. EPA ID Number  U.S. EPA ID Number  U.S. EPA ID Number  U.S. EPA ID Number  U.S. EPA ID Number  U.S. EPA ID Number  U.S. EPA ID Number  U.S. EPA ID Number  U.S. EPA ID Number  HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N  ROACHDALE, IN 46172-9593  Sell U.S. O'D Searching Including Proper Silvipring Name, Hazard Class, ID Number,  Her and Packing Group (Farm)  Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search Search	₽	ARCUNIC LAYER	AYETTE, LLC / LINDLEY JAR	RETT	ARCUNIC LA	PAYET.	ian maning adore	58)			
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Transporter 2 Company Name	Ш	HERITAGE TRANSPORT (1.C - RATI									
8. Designated Facility Name and Sile Address HERTTAGE ENVIRONMENTAL SERVICES 470 U COUNTY RIAD 1275 N ROACHDALE, IM 44172-9593 Facility's Preme: (7-65) 435-2704  9. Sel. Do. OD Description (including Proper Shipping Name, Hazard Class, ID Number,	15								- 4 .		
HERITAGE ENVIRONMENTAL SERVICES 4370 UCDUNTY ROAD 1275 N ROBCHDALE, IN 46172-9593 Fability Phone: (7651435-2704  90. 96. US. DOT Description (including Proper Shipping Name). Hazard Class, ID Number, HM. and Packing Georgi (in my)  10. Containers 11. Total 12. Unit No. Type Caunity WLVul. 12. Weste Code WLVul. 13. Waste Code WLVul. 14. Special Handling Instituctions and Additional Information 14. Special Handling Instituctions and Additional Information 15. Special Handling Instituctions and Additional Information 16. Special Handling Instituctions and Additional Information 17. The Second Handling Instituctions and Additional Information 18. Special Handling Instituctions and Additional Information 19. WLVul. 19. Special Handling Instituctions and Additional Information 19. WLVul. 10. The Second Handling Instituctions and Additional Information 19. WLVul. 10. Special Handling Instituctions and Additional Information 19. WLVul. 10. Special Handling Instituctions and Additional Information 19. WLVul. 10. Special Handling Instituctions and Additional Information 19. WLVul. 10. Special Handling Instituctions and Additional Information 19. WLVul. 10. Special Handling Instituctions and Additional Information 19. WLVul. 10. Special Handling Instituctions and Additional Information 19. WLVul. 10. Special Handling Instituctions and Additional Information 19. WLVul. 10. Special Handling Instituctions and Additional Information 19. WLVul. 10. Special Handling Instituctions and Additional Information 19. WLVul. 10. Special Handling Instituctions and Additional Information 19. WLVul. 10. Special Handling Instituctions and Additional Information 19. WLVul. 10. Special Handling Instituctions and Additional Information 19. WLVul. 10. Special Handling Instituctions and Additional Information 19. WLVul. 10. Special Handling Instituctions and Additional Information 19. WLVul. 10. Special Handling Instituctions and Additional Information 19. WLVul. 10. Special Handling Instituctions and Additional Information 19. WLVul. 10. Speci	Ш	7. Hansporter 2 Contipanty Name									
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### A COUNTY ROAD 1275 N ROACHDALE. IN 46172-9593 Facility's Phone: (765) 435-2704  9a. Bt. U.S. DOT Description (Poculage Proper Shipping Name, Hazard Class, ID Number, Mo. Type Claumity W.Vot.  *** RQ. UN3432, POLYCHLORINATED BIPHEMYLS, SUID, NIXTURE, 7, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERGH171  14. Special Handling instructions and Additional Information 1. WI 0149418B TH14003717  WIST IN SEC 11 IS AN ESTITIATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20  BULK PCR REMEDIATION WASTE TRAILEK Trailer* Y2. ERI: HERITAGE 13341  15. GENERATOR'SOFFEROR'S CERTIFICATION: Investy declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and an classified, pack marked and labeledplicarded, and are in all respects in proper condition for transports according to applicable international and national governmental regulations. If export shipment and I am the Prime Exports. I contriby that the contents of this consignment of the activated Price Princed/Type Allows of the consignment of the attached EPA Activoxidegement of Consent.  Lordy that the waste intrinsication statement identified in 40 CPR 26227(a) (if am a large quantity generator) or (b) (if am a required reportation) is true.  ### Transporter Acknowledgement of Recoiled of Materials  ### Transporter Acknowledgement of Recoiled of Materials  ### Transporter Princed/Typed Name  ### Signature   Signature   Signature   Month   Day    ### Intersporter 2 Printed/Typed Name  ### Intersporter 2 Printed/Typed Name  ### Intersporter 2 Printed/Typed Name  ### Intersporter 2 Printed/Typed Name  ### Intersporter 2 Printed/Typed Name  ### Intersporter 2 Printed/Typed Name  ### Intersporter 2 Printed/Typed Name  ### Intersporter 2 Printed/Typed Name  ### Intersporter 2 Printed/Typed Name  ### Intersporter 2 Printed/Typed Name  ### Intersporter 2 Printed/Typed Name  ### Intersporter 2 Printed/Typed Name  ### Intersporter 2 Printed/Typed Name  ### Intersporter 2 Printed/Typed Name  ### Intersporter 2 Printed/	I						U.S. EPA ID I	Number			
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R. G. UN3432, PQL YCHLDRINATED BIFHENYLS, SULID, MIXTURE, 7, PGIII, CPCB REMEDIATION WASTE), CRQ = 1 LB), ERG#171		· · · · · · · · · · · · · · · · · · ·		,					13. W	aste Codes	3
S RO. LINSAY32, POLYCHLORINATED BIFHENYLS, SILD. MIXTURE, 7, PSILIT. (PCB RENEDIATION  MASTE), (RQ = 1 LB), ERG#171  14. Special Handling Instructions and Additional Information 1. W1 g149418B T#144003717  UBT IN SEC 11 TS AN ESTIMATE, EARLIEST DATE OF RETIDUAL FROM SERVICE 6/5/20  BULK PCR REMEDIATION MASTE TRAILER Trailer#: 4/20 And Secretary of the Conference of this consignment are fully and socially described above by the proper shipping name, and are classified, pack marked and labeledphacated, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Print Exporter, I certify that the contents of this consignment of Consent Consent of URI of the wealter inflictation statement defined in 40 CPR 2/20 (if if an a streng quantity generator) is true.  Generator's Officer's PrintedTyped Name Consent Admiration of Consent Admiration of Consent Admiration of Consent Admiration of Consent Admiration of Consents of Consent Admiration of Consents of Consent Admiration of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consents of Consent	11				No.	1300					
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14. Special Handling Instructions and Additional Information  1. W1 9149418B T#14003717  WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20  BULK PCR REMEDIATION WASTE TRAILER Trailer#: 42. ERI: HERITAGE 13341  15. GENERATOR'S/OFFEROR'S CERTIFICATION: Thereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, pack marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Prims Learning that the waste minimization statement identified in 40 CFR 282.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.  Generator's/Officor's Printed/Typed Name Concer Handler Concer Handler Concer Handler Concer Handler Concer Handler Concer Handler Concer Handler Concer Handler Concer Handler Concer Handler Concer Handler Concer Handler Concer Handler Concer Handler Concer Handler Concer Handler Concer Handler Concer Handler Concer Handler Concer Handler Concer Handler Concer Handler Concer Handler Concer Handler Concer Handler Concer Handler Concer Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Concern Handler Con	اد										
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Facility's Phone:	ᅸᇉ										
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19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)	윉	9. Hazardous Waste Report Ma	nagement Method Codes (i.e., codes for hazardous waste	treatment, disposa	il, and recycling systems)						
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20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in them 18a	1 2	20. Designated Facility Owner or	Operator: Certification of receipt of hazardous materials o	covered by the mani	fest except as noted in then	n 18a					
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**Unit No** DT 42-29

### **Scale Ticket**

Generator211325Facility9019ARCONIC LAFAYETTE, LLCHERITAGE ENVIRONMENTAL SERVICES

3131 MAIN ST 4370 W COUNTY ROAD 1275 N

LAFAYETTE, IN 47905-2272 ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop <u>3214620</u>

Transx 14003717 Gross Weight 80580

Pickup 05-JUN-20

**Container** 28972943 30 DT **Net Weight** 46740

Manifest 001094773WAS Scale Date 05-JUN-20

Net Tons 23.37



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214620

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094773WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 05-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,201	H132
-	Totals	1	21,201	

	nt or type.			- •		_						. OMB No	20
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5. Ge	nerator's Name and Ma	ailing Address	LLC / LI	MOLEY A	JAKKETT	Generato	s Site Address	(if different t	pan mailing addre		***		W 8
L 1	131 MAIN S AFAYETTE, rator's Phone:	T IN 4790! 765)771	5-2272 -3191			Lafí	STT35: SELLE? HVIN :	IN 47	7905-227	Ē			
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Generator 211325
ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214621

Transx 14003719

Gross Weight 80420

Pickup 05-JUN-20

Tare Weight 35000

**Container** 28972944

30 DT

Net Weight 45420

**Unit No** DT 42-33

Manifest 001094774WAS

Scale Date 05-JUN-20

Net Tons 22.71



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214621

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094774WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 05-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	20,602	H132
-	Totals	1	20,602	

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Form Approved. OMB No. 2050-0039

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Generator 211325
ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214622

Transx 14003721

Gross Weight 83200

Pickup 05-JUN-20

Tare Weight 33580

**Container** 28973579

30 DT

Net Weight 49620

**Unit No** DT 42-28

**Manifest** 001094775WAS

Scale Date 05-JUN-20

Net Tons _

24.81



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214622

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094775WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 05-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	22,507	H132
-	Totals	1	22,507	

lease	print or type.		<b>祖国 1</b> 5137 1別第	100 1155 1050 1111 1								Form	Approved.	OMB No.	2050
∱ UN	NIFORM HAZ WASTE MAN	MKDOOS	Generator ID I	Number 3478094			2. Page 1	l l	gency Response		4. Manifest	Tracking Nu		_	/A
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Manifest 001094776WAS

### **Scale Ticket**

Generator211325Facility9019ARCONIC LAFAYETTE, LLCHERITAGE ENVIRONMENTAL SERVICES3131 MAIN ST4370 W COUNTY ROAD 1275 NLAFAYETTE, IN 47905-2272ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop	3214623			
Transx	14003723		Gross Weight	73040
Pickup	05-JUN-20		Tare Weight	33680
Container	28975174	30 DT	Net Weight _	39360
Unit No	DT 42-30			

Net Tons 19.68

Scale Date 05-JUN-20



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214623

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094776WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 05-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	17,853	H132
-	Totals	1	17,853	

TX: 528 4. Manifest Tracking Number 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone UNIFORM HAZARDOUS IHB005478094 001094777 **WASTE MANIFEST** 4 (800)326-1221 5. Generator's Name and Mailing Address. Generator's Site Address (if different than mailing address) 3131 MAIN ST 3131 MAIN 57 LAFAYETTE. IN 47905-2272 GEN: 211325 LAFAYETTE, IN 47905-2272 (765)771-3191 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 IND980503890 (765) 435-2704 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) НМ Quantity Wt./Vol. No. Type RG.UN3432.POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE.9.PGIII.(PCB REMEDIATION WASTE).(RG = 1 LB).ERG#171 X 20000 GENERATOR 1 CT K 4 14. Special Handling Instructions and Additional Information 14. Special Handling Instructions and Additional Information
1. W1 Q1494188 T#14003725 4: 21609 ks (47640/b)
WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20 Trailer#: 42-23 BULK PCB REMEDIATION WASTE TRAILER ERI: HERITAGE [13342000] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true Generator's/Offeror's Printed/Typed Name Conner Hedderick on Day Year 16. International Shipments __ Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.: Transporter signature (for exports only) 17. Transporter Acknowledgment of Receipt of Materials TRANSPORTER Transporter 1 Printed/Typed Name Signature Day Year 20 Transporter 2 Printed/Typed Name Signature Month Day Year 18. Discrepancy 18a. Discrepancy Indication Space Quantity __ Residue Partial Rejection Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone DESIGNATED 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as Printed/Typed Name Signature Month Day

DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.



Generator 211325 ARCONIC LAFAYETTE, LLC

**3131 MAIN ST** LAFAYETTE, IN 47905-2272 Facility

9019

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

**ROACHDALE, IN 46172-9593** 

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214624

Transx 14003725

**Gross Weight** 

81440

Pickup 05-JUN-20

**Tare Weight** 

33800

**Container** 28975198

30 DT

**Net Weight** 

47640

Unit No DT 42-23

Manifest 001094777WAS

Scale Date 05-JUN-20

Net Tons

23.82



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214624

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094777WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 05-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,609	H132
-	Totals	1	21,609	



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DESIGNATED FACILITY	19. Ha	zardous Waste Report Ma	anagement Method	Codes (i.e., codes for hazar	dous waste trea	tment. disnosa	I, and recve	ing systems)						-1
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Generator 211325 ARCONIC LAFAYETTE, LLC **3131 MAIN ST** 

LAFAYETTE, IN 47905-2272

**Facility** 

9019

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

**ROACHDALE, IN 46172-9593** 

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214625

Transx 14003727

**Gross Weight** 83340

Pickup 05-JUN-20

**Tare Weight** 33700

**Container** 28975213

30 DT

**Net Weight** 49640

Unit No DT 42-29

Manifest 001094778WAS

Scale Date 05-JUN-20

Net Tons

24.82



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214625

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094778WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 05-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	22,516	H132
-	Totals	1	22,516	



Form Approved. OMB No. 2050-0039

A	U	NIFORM HAZARDOUS	1. Generator ID Number	2. Page 1 of	3. Eme	rgency Response	Phone	4. Manifest			201	
$\  \ $		WASTE MANIFEST	IHD00547 <b>8094</b>	i.	(	800)326	-1221		0109	4779	W	'AS I
П	5.	Generator's Name and Mailin	g Address AVE I.E. LLC / LINDLEY JARRE	- 19·19	Generat	or's Site Address	(if different the	n mailing addre	ss)			
H		3131 HAIN ST	MICHELLU / LIMULE I WHANK			1 MAIN :		East for her hat				
Ш	I	LAFAYETTE, I			LAF	AYETTE.	IN 47	905-227.	2			
Ш	١	enerator's Phone:	65)771-3191		GEN	: 21132	2					
П	-	Transporter 1 Company Nam	ie .		L	***************************************	····	U.S. EPA ID I	Number			
	l	HERTTAGE TRA	MSPORT LLC - RAIL					TNOO	58484:	114		
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	8	Designated Facility Name an	d Site Address					U.S. EPA ID I	Viimher			
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-			Y ROAD 1275 N					IND9	805038	390		
		ROACHDALE, IN 46172-9593  Facility's Phone: (765) 435-2704										
	Fa	Taumy of Thore.										
	9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number,  10. Containers 11. Total 12. Unit 13. Waste Codes 14. Type 14. Vol.											
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DESIGNATED FACILITY	19	. Hazardous Waste Report M	anagement Method Codes (i.e., codes for hazardous waste trea	atment, dispos	al, and red	cycling systems)						
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			or Operator: Certification of receipt of hazardous materials cover			pt as noted in light	18a					
	Pr	Printed/Typed Name  Month Day Year										
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EP	AFo	orm 8700-22 (Rev. 12-17)	Previous editions are obsolete.			DES	<b>JONATE</b>	) FACILITY	TO EPA	's e-MAN	IFEST S	SYSTEM



Generator 211325 **Facility** 9019 ARCONIC LAFAYETTE, LLC HERITAGE ENVIRONMENTAL SERVICES **3131 MAIN ST** 4370 W COUNTY ROAD 1275 N LAFAYETTE, IN 47905-2272 **ROACHDALE, IN 46172-9593** 

1 PCB REMEDIATION WASTE SOIL FROM THE ELLI WS

30 DT

Stop 3214626

Unit No 42-27

**Gross Weight** 80660 Transx 14003729

**Tare Weight** 33140 Pickup 05-JUN-20

**Container** 28975217 **Net Weight** 

Manifest 001094779WAS 05-JUN-20 Scale Date

> 23.76 Net Tons

47520



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094779WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 05-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,555	H132
-	Totals	1	21,555	

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

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DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

4. Manifest Tracking Number 2. Page 1 of 3. Emergency Response Phone Generator ID Number UNIFORM HAZARDOUS TMD005478094 (800)326-1221 001094780 **WASTE MANIFEST** Generator's Site Address (if different than mailing address) Generator's Name and Mailing Address 3131 MAIN ST 3131 MAIN ST IN 47905-2272 LAFAYETTE, IN 47905-2272 LAFAYETTE, (765)771-3191 GEN: 211325 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number IND058484114 HERITAGE TRANSPORT LLC - RAIL U.S. EPA ID Number 7. Transporter 2 Company Name 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 IMD980503890 (765)435-2704 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 9a 13. Waste Codes and Packing Group (if any)) Wt./Vol. Quantity НМ No. Туре RO.UN3432.POLYCHLORINATED BIPHENYLS, SOLIO. MIXTURE. 9.POIII. (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171 X 20000 GENERATOR 1 DT K 14. Special Handling Instructions and Additional Information
1. W1 01494188 T#14003731
WEST IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20 14. Special Handling Instructions and Additional Information TRAILER Trailer#: 42-24 BULK PCB REMEDIATION WASTE ERI: HERITAGE [13342003] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Conner Headerch Signature Month Day Year 20 16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S. 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Day Year Month TRANSPORT o ans evih 20 Juvi 5 Transporter 2 Printed/Typed Name Day Month Year 18. Discrepancy 18a. Discrepancy Indication Space □ Quantity ∐ Type __ Residue Partial Rejection Full Rejection Manifest Reference Number 18b. Alternate Facility (or Generator) U.S. EPA ID Number FACILITY Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 4 H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a Printed/Typed Nap 06 105 20



Generator 211325
ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214627

Transx 14003731

Gross Weight 81000

Pickup 05-JUN-20

Tare Weight 33560

**Container** 28975234

30 DT

Net Weight 47440

Unit No DT 42-24

Manifest 001094780WAS

Scale Date 05-JUN-20

Net Tons ____

23.72



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094780WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 05-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,518	H132
-	Totals	1	21,518	

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

Form Approved. OMB No. 2050-0039 4. Manifest Tracking Number 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone **UNIFORM HAZARDOUS WASTE MANIFEST** IND005478094 (800)326-1221 001094781 Generator's Site Address (If different than mailing address) Generator's Name and Mailing Address LLC / LINDLEY JAKKETT 3131 MAIN ST 3131 HAIN ST LAFAYETTE, IN 47905-2272 LAFAYETTE, IN 47905-2272 (765)771-3191 GEN: 211325 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN_46172-7573 IND980503890 (765)435-2704 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) Wt Mol HM Quantity Type RQ.UN3432.POLYCHLORINATED DIPHENYLS, SOLID, MIXTURE.7.POIII.(PCB REMEDIATION WASTE).(RQ = 1 LB).ERG#171 X DT 20000 GENERATOR 1 H 14. Special Handling Instructions and Additional Information d: 21573 kg (4756016) .W1_Q1494188_T#14003733 UGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20 Trailer#: 423 BULK PCB REMEDIATION WASTE TRAILER ERI: HERITAGE [13342004] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Conner Hedderick on Signature Month Day Year Lafavette, L 16. International Shipments Import to U.S. ___ Export from U.S. Port of entry/exit: Date leaving U.S. Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Man Signature TRANSPORT Transporter 2 Printed/Typed Name Signature Year Month 18. Discrepancy 18a. Discrepancy Indication Space ____Туре Quantity Residue □ Partial Rejection Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone DESIGNATED 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Nam Signature 06KS 20



Generator 211325
ARCONIC LAFAYETTE, LLC
3131 MAIN ST

LAFAYETTE, IN 47905-2272

Facility 9019

HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N

**ROACHDALE, IN 46172-9593** 

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214628

Transx 14003733

Gross Weight 82400

Pickup 05-JUN-20

Tare Weight 34840

**Container** 28975325 30 DT

Net Weight

47560

**Unit No** DT 42-33

Manifest 001094781WAS

Scale Date 05

05-JUN-20

Net Tons



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214628

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094781WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 05-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,573	H132
-	Totals	1	21,573	

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		3131 MAIN ST LAFAYETTE, 1 (7		LC / LINDLEY 2272 191	JAKKE	} <b>*</b>	313 LAF	1 MAIN !	3T IN 47	pan mailing addre	ss)	to sp part and		
	6. T	nerator's Phone: Transporter 1 Company Nam HERITAGE TRA	NSPORT LI	***************************************	CLONE.					U.S. EPA ID	58484	114		
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		3.												*******************************
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	L	marked and labeled/placar Exporter, I certify that the o	R'S CERTIFICATIOn ded, and are in all reconstructions	N: I hereby declare that the co espects in proper condition for ignment conform to the terms of	transport according the attached	consignment ording to appli I EPA Acknow	are fully a cable inter ledgment	mational and nation of Consent.	scribed above onal governn	nental regulations	nipping name	, and are classifie		jed,
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NATED	18c	. Signature of Alternate Facil										Month	Day	Year
- DESIG	19. 1.	Hazardous Waste Report Ma	anagement Method	Codes (i.e., codes for hazardor	us waste treat	ment, disposa 3.	l, and rec	ycling systems)	1	4.				
	-	Designated Facility Owner of ted/Typed Name	r Operator: Certifica	I tion of receipt of hazardous ma	aterials covere		fest excep	ot as noted in User	118a			Month	Day	Year
¥ EP/	For	m 8700-22 (Rev. 12-17)	Previous editions	s are obsolete.	***************************************			DE8	INATE	D FACILITY	TO EPA	<i>UG</i> 's e-MANIF	<i>05</i> EST S'	120 YSTEM



Generator 211325 ARCONIC LAFAYETTE, LLC

LAFAYETTE, IN 47905-2272

**3131 MAIN ST** 

**Facility** 

9019

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

**ROACHDALE, IN 46172-9593** 

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214629

Transx 14003735

**Gross Weight** 

78760

Pickup 05-JUN-20

**Tare Weight** 

33420

**Container** 28975338

30 DT

**Net Weight** 

45340

**Unit No** DT 42-28

Manifest 001094782WAS

Scale Date

05-JUN-20

**Net Tons** 



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214629

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

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Generator Site Address: Gen#: 211325 DOCUMENT: 001094782WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 05-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	20,566	H132
-	Totals	1	20,566	





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	НМ	and Packing Group (if a	any))					No.	Туре	Quantity	Wt./Vol.	13, 4	Vaste Code:	S ,
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	14. Sp	ecial Handling Instruction	ns and Additional Info	omation 739 STIMATE, EARLIE JASTE TRAI								w	46,2	60/15
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	BUL	.K PCB REME	DIATION &	ASTE TRAI	LER	Trail	er#:	42-2	J e	RI:HERI	TAGE	E	13342	0073
	15. <b>G</b>	ENERATOR'S/OFFERO	R'S CERTIFICATIO	N: I hereby declare that the conterespects in proper condition for tran	nts of this c	onsignment	are fully a	nd accurately des	cribed above	by the proper sh	ipping name	e, and are clas	sified, packa	aged,
	E	xporter, I certify that the o	contents of this consi	ignment conform to the terms of the identified in 40 CFR 262.27(a) (if I	e attached l	EPA Acknow	ledgment	of Consent.	·	ŭ	похронан	pinent and 1 e	111 010 7 111118	,
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Ě	18b. Al	ternate Facility (or Gener	rator)		************************		IVIC	nifest Reference	Mullipel.	U.S. EPA ID N	lumber			
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巴瓦		's Phone: gnature of Alternate Faci	lity (or Generator)		<del>Majamili menseere</del>	444						Moi	nth Day	Year
MATE		<b>3</b>	, (									"""		
DESIGNATED FACILITY	19. Ha	zardous Waste Report M	anagement Method	Codes (i.e., codes for hazardous w	aste treatm		il, and rec	cling systems)						
占	1.		H132	2.		3.				4.				
	20. Des	signated Facility Owner of		tion of receipt of hazardous materi	als covered	by the mani	fest excer	t as noted in Herr	18a 🦳					
		Typed Name	Ban				nature	2,11	12	n		Mor	, .	Year
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Generator

211325

ARCONIC LAFAYETTE, LLC

**3131 MAIN ST** 

LAFAYETTE, IN 47905-2272

Facility

9019

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

**ROACHDALE, IN 46172-9593** 

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214631

Transx 14003739

Gross Weight 79680

Pickup 08-JUN-20

Tare Weight 33420

**Container** 28978613

30 DT

Net Weight

46260

Unit No DT 42-27

Manifest 001094784WAS

Scale Date

08-JUN-20

Net Tons



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

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Generator Site Address: Gen#: 211325 DOCUMENT: 001094784WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 08-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	20,983	H132
-	Totals	1	20,983	

Form Approved. OMB No. 2050-0039 4. Manifest Tracking Number 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone UNIFORM HAZARDOUS **WASTE MANIFEST** IND005478094 (800)326-1221 001094785 Generator's Site Address (if different than mailing address) Generator's Name and Mailing Address 3131 MAIN ST 3131 MAIN ST LAFAYETTE, IN 47905-2272 LAFAYETTE, IN 47905-2272 (765)771-3191 GEN: 211325 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-7593 IND980503890 (765)435-2704 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 9a 13. Waste Codes and Packing Group (if any)) Quantity Wt./Vol. НМ No. Type 20000 GENERATOR X RQ, UN3432, POLYCHLORINATED DIPHENYLS, 1 OT k SOLIO, MIXTURE, 9, POIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERGW171 14. Special Handling Instructions and Additional Information
1. W1 Q1494188 T#14003741
UGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE \$\frac{\beta}{2} \frac{20}{20},457\beta\$ 14. Special Handling Instructions and Additional Information Trailer#: 42-25 BULK PCB REMEDIATION WASTE TRAILER ERI: HERITAGE 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true Generator's/Offeror's Printed/Typed Name Day Year onner tedderick 16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.: 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Nan Signature Year Transporter 2 Printed/Typed Nam 18. Discrepancy 18a. Discrepancy Indication Space Type Quantity __ Residue Partial Rejection _ Full Rejection Manifest Reference Number: 18b. Altemate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Day Year Month 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 4. H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Year Signator

COM



Generator

211325

**Facility** 

9019

ARCONIC LAFAYETTE, LLC

**3131 MAIN ST** 

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

**ROACHDALE, IN 46172-9593** 

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214632

Transx 14003741

**Gross Weight** 76380

Pickup 08-JUN-20

**Tare Weight** 31280

**Container** 28978601

30 DT

**Net Weight** 

45100

**Unit No** DT 42-25

Manifest 001094785WAS

Scale Date

08-JUN-20

Net Tons



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214632

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094785WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 08-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	20,457	H132
-	Totals	1	20,457	

UNIFORM HAZARDOUS 1. Generator ID Number 4. Manifest Tracking Number 2. Page 1 of 3. Emergency Response Phone IND005478074 (800)326-1221 004094786**WASTE MANIFEST** ī Generator's Site Address (if different than mailing address) Generator's Name and Mailing Address. LLC / LINDLEY JARRETT TO MIAM IEIE 3131 MAIN S7 LAFAYETTE, IN 47905-2272 (765)771-3191 LAFAYETTE, IN 47905-2272 GEN: 211325 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 IND980503890 (765)435-2704 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) НМ Quantity Wt.Vol. No. Type X RQ, UN3432, POLYCHLORINATED BIPHENYLS. 1 OT 20000 K SOLID, MIXTURE, 9, POIII, (PCB REMEDIATION 238-50 WASTE), (RQ = 1 LB), ERG#171 14. Special Handling Instructions and Additional Information
1. W1 01494188 T#14003743
WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/8/20 23,850 14. Special Handling Instructions and Additional Information Trailer#: 42-28 BULK PCB REMEDIATION WASTE TRAILER ERI: HERITAGE [13342009] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Conner Hedderick on Day Year Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.: 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Day Signature Year TRANSPORT 8 202 100 Transporter 2 Printed/Typed Name Signature Day Year 18. Discrepancy Type Residue Partial Rejection

Per Robert Prezindowski BW 6-8-2020 18a. Discrepancy Indication Space 18b. Alternate Vacility (or Generator) Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Year Month Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Pripted/Typed Name Signature Year 1 am EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM



Generator 211325 ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 **Facility** 9019 HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214633

Transx 14003743 Gross Weight 86260

Pickup 08-JUN-20

**Container** 28978599 30 DT **Net Weight** 52580

Unit No DT 42-28

 Manifest
 001094786WAS
 Scale Date
 08-JUN-20

Net Tons _____26.29



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214633

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094786WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 08-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	23,850	H132
-	Totals	1	23,850	

TX: 398 4. Manifest Tracking Number 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone **UNIFORM HAZARDOUS** IND005478094 (800)326-1221 004094787**WASTE MANIFEST** Generator's Site Address (if different than mailing address) Generator's Name and Mailing Address.
ARCUNIC LAYFAYETTE, LLC / LINDLEY JARKETT
3131 MAIN ST 3131 HAIN ST LAFAYETTE, IN 47905-2272 LAFAYETTE, IN 47905-2272 (765)771-3191 GEN: 211325 Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT LLC - RAIL IND058484114 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S. EPA ID Number HERITAGÉ ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 editor Prope: (765)435-2704 IND980503890 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 9a 11. Total 12 Unit 13. Waste Codes and Packing Group (if any)) HM No Туре Quantity Wt.Vol. RQ.UN3432.POLYCHLORINATED BIPHENYLS, SOLIO, MIXTURE.7.PGIII.(PCB REMEDIATION WASTE).(RQ = 1 LB).ERG#171 OT 20000 K GENERATOR X 1 14. Special Handling Instructions and Additional Information 1. W1 Q1494188 T#14003745 1. WI 01494188 TRI 4003745

WOT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/8/20 20,802/69 Trailer#: 42-24 BULK PCB REMEDIATION WASTE TRAILER ERI: HERITAGE [13342010] 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true Year Generator's/Offeror's Printed/Typed Name Conner Hedderick on behalf Signature Month Day 16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.: Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed Typed Name Signature Month Day Year Kevin 20 Transporter 2 Printed/Typed Name 18. Discrepancy 18a, Discrepancy Indication Space ___ Туре Quantity Residue _ Full Rejection Partial Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Year Month Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name



Generator 211325

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

Facility

9019

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

**ROACHDALE, IN 46172-9593** 

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

Stop 3214634

Transx 14003745

Gross Weight 80060

Pickup 08-JUN-20

Tare Weight 34200

**Container** 28978600

30 DT

Net Weight 4

45860

Unit No DT 42-24

Manifest 001094787WAS

Scale Date

08-JUN-20

Net Tons



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214634

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094787WAS

ARCONIC LAFAYETTE, LLC
3131 MAIN ST
LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 08-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	20,802	H132
-	Totals	1	20,802	



Form Approved OMR No. 2050-003

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	5. Gen	erator's Name and Mailin	g Address	LC / LINDLEY	JAKKETT	Genera	tor's Site Address	(if different t	pan mailing addres	s)			
	3:	l31 MAIN ST				310	11 MAIN	97					
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	1		65)435-2										
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				ignment conform to the terms of identified in 40 CFR 262.27(a) (				all quantity ge	enerator) is true.				
	Genera	ator's/Offeror's Printed/Ty	ped Name Conna	er Hødderick	on	Signature	0 1	101	1		Month		Year
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DESIGNATED FACILITY	19. Ha	zaruous waste Keport Ma	anayement wethod	Codes (i.e., codes for hazardous 2.	wasie treatment, dis	posal, and re 3.	cycling systems)		4.				
[			H132										
			r Operator: Certifica	tion of receipt of hazardous mat	erials covered by the		ept as noted in Item	n 18a			······································		
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Generator 211325 ARCONIC LAFAYETTE, LLC **3131 MAIN ST** LAFAYETTE, IN 47905-2272 **Facility** 

HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N

9019

**ROACHDALE, IN 46172-9593** 

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214635

Transx 14003747

**Gross Weight** 82440

Pickup 08-JUN-20

**Tare Weight** 33520

**Container** 28979007

30 DT

**Net Weight** 

48920

**Unit No** DT 42-29

Manifest 001094788WAS

Scale Date 08-JUN-20

Net Tons



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094788WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 08-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	22,190	H132
-	Totals	1	22,190	

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Generator 211325

Facility

9019

ARCONIC LAFAYETTE, LLC

**3131 MAIN ST** 

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

**ROACHDALE, IN 46172-9593** 

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214636

Transx 14003749

**Gross Weight** 72160

Pickup 08-JUN-20

**Tare Weight** 31280

**Container** 28980600

30 DT

**Net Weight** 

40880

**Unit No** DT 42-25

Manifest 001094789WAS

Scale Date

08-JUN-20

Net Tons



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214636

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094789WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 08-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	18,543	H132
-	Totals	1	18,543	

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Generator 211325 **Facility** 

9019

ARCONIC LAFAYETTE, LLC

**3131 MAIN ST** 

4370 W COUNTY ROAD 1275 N

HERITAGE ENVIRONMENTAL SERVICES

LAFAYETTE, IN 47905-2272

**ROACHDALE, IN 46172-9593** 

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214638

Transx 14003752

**Gross Weight** 80580

Pickup 15-JUN-20

**Tare Weight** 33880

**Container** 29007379

30 DT

**Net Weight** 46700

Unit No DT 42-29

Manifest 001094790WAS

15-JUN-20 Scale Date

**Net Tons** 



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214638

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094790WAS

ARCONIC LAFAYETTE, LLC

3131 MAIN ST

LAFAYETTE, IN 47905-2272

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 15-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,183	H132
-	Totals	1	21,183	



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Ш	5. Gep	erator's Name and Mailin	g Address	LC / LINDLE	/ JARRE	77	General	or's Site Address (	if different th	an mailing addres	ss) .			
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	0 Dani	gnated Facility Name and	1 Cito Addroop	30000 30 700 344 4 50 46 46 31 U St. E. C. V. V. V. V. V. V. V. V. V. V. V. V. V.			****		***************************************	U.O. EDAIDA	l			
	HE	RITAGE ENV	IRONMENTA	L SERVICES						U.S. EPA ID N				
		170 W COUNT IACHDALE, II								IND9	80503(	390		
		's Phone:	45)435-27	704										
	9a.			Shipping Name, Hazard Cla	ss, ID Number,			10. Contain	ers	11. Total	12. Unit	13. Was	ste Codes	
	НМ	and Packing Group (if a	ny))					No.	Туре	Quantity	Wt./Vol.			
8	X	RG, UN34	32, POLYCH	LORINATED BI	CPHENYL	.S.		1	OT	20000	K			***************************************
RA		SULID, MIX WASTE),(RG	= 1 LB),	IIII, (PUB REF ERG#171	TEDIA:1	UN								
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		3.			······································									
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	14. Spe	ecial Handling Instruction	s and Additional Info	rmation	10179	10: (MI	sa/h				<u> </u>	<u> </u>	L	
	1. L 461	JI 01494188 TN SEC 11	_T#140037 IS_AN_ES	mation 754 STIMATE, EAR	JEST D	ATE OF	REM	/ Inual Fri	nn ser	STOF 6	5/15	120		
		K PCB REME			RAILER	Trail		1111	1 /1	RI:HERI			naan	0149
				N: I hereby declare that the				CONTRACT BURGETS SEPTEMBER OF THE PROPERTY OF	entry controlly is					0143 ged.
	m	arked and labeled/placar	ded, and are in all re	espects in proper condition for gnment conform to the terms	or transport acc	cording to appli	cable inte	mational and natio						
	10	certify that the waste mini	mization statement i	dentified in 40 CFR 262.27(	a) (if I am a larç	ge quantity gen	erator) or		ll quantity ger	nerator) is true.				
				ner Hadderu		ا Sig	nature /	5° 4		den		Month	Day	Year
<u>*</u>		rnational Shipments		Lafayette,	<u>uc</u>	<u>l</u>				<u>le</u>		16	123	120
Ę	Transp	orter signature (for expor	لبا Import to ts only):	U.S.	<u> </u>	Export from U	J.S.	Port of ent Date leavir	-					
		nsporter Acknowledgment		als										
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2						I	•		$\mathcal{O}$			1	1	
1	18. Dise	crepancy												
	18a. Di	screpancy Indication Spa	ce Quant	tity	Туре			Residue		Partial Rej	ection		Full Reje	ction
							M	anifest Reference	Number					
Ľ	18b. Alt	ternate Facility (or Genera	ator)			ř	141		. 101110011	U.S. EPA ID N	lumber			
ᅙ														
O.		's Phone: gnature of Alternate Facil	ity (or Generator)						***************************************	<u> </u>	***************************************	Month	Day	Year
A	· ·	•	, (											1
DESIGNATED FACILITY	19. Haz	zardous Waste Report Ma	anagement Method (	Codes (i.e., codes for hazard	lous waste trea	ıtment, disposa	l, and rec	ycling systems)						_L
占	1.		H1 32	2.		3.				4.				
	20 Dec	signated Facility Owner o		lion of receipt of hazardous i	materials cover	ed by the mani	fost ave	nt as noted in life	1607					-
		Typed Name		<u> </u>	materiais COVE		pature	pr as nueu in item				Month	Day	Year
1		111	V[[]]	ARIA		- 16		LH	150			106	13	20



Generator

211325

**Facility** 

9019

ARCONIC LAFAYETTE, LLC

**3131 MAIN ST** 

LAFAYETTE, IN 47905-2272

HERITAGE ENVIRONMENTAL SERVICES

4370 W COUNTY ROAD 1275 N

**ROACHDALE, IN 46172-9593** 

WS 1 PCB REMEDIATION WASTE SOIL FROM THE ELLI

**Stop** 3214639

Transx 14003754

**Gross Weight** 74920

Pickup 15-JUN-20

**Tare Weight** 

33740

**Container** 29008485

30 DT

**Net Weight** 

41180

**Unit No** DT 42-29

Manifest 001094791WAS

Scale Date 15-JUN-20

Net Tons



4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593

(765)435-2704

EPA ID: IND980503890 **Stop**: 3214639

#### **Generator Mailing Address:**

LINDLEY JARRETT ARCONIC LAYFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 UNITED STATES

LAFAYETTE, IN 47905-2272

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address: Gen#: 211325 DOCUMENT: 001094791WAS

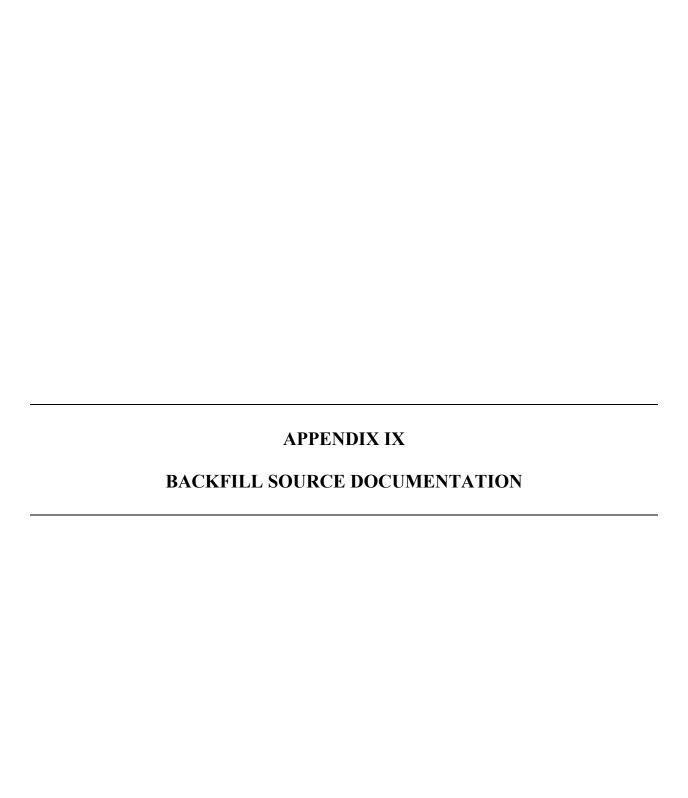
ARCONIC LAFAYETTE, LLC

3131 MAIN ST

EPA ID NUMBER: IND005478094

DISPOSAL DATE: 15-JUN-20

Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	18,679	H132
-	Totals	1	18,679	



TO: Kevin Chapman	<b>RE:</b> Formal Field Reports No. 02
Environmental Field Services, Inc.	Project: Elliot Ditch Backfill Soil - PO # JT 1994
1302 N Meridian St #310	Patriot Project No. 20-0401-06C
Indianapolis, IN 46202	Date: May 19, 2020
kchapman@envfield.com;	

Submitted herewith are results for construction materials testing and observation services provided for the above referenced project for the period of May 14 through May 15, 2020. Those services included:

Date	Service	Location/Description/Remarks
5/14/2020 through 5/15/2020	Standard Proctor, Mechanical Sieve, Atterberg Limits, Moisture Content, and Loss On Ignition Analysis	Sample SS20-005

Please refer to the attached report sheets for additional details. We appreciate the opportunity to be of service to you on this project. If you have any questions, please call us.

Respectfully submitted,

Patriot Engineering and Environmental, Inc.

Jeffrey M. McCloud Senior Project Manager

Copies: aherrmann@envfield.com;

Adam Kain Senior Project Manager

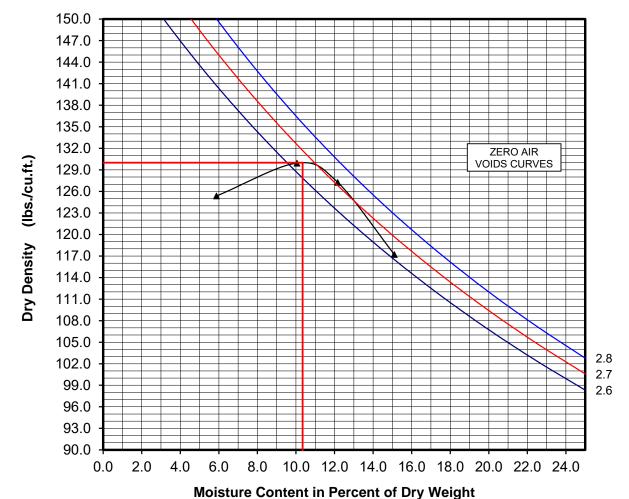
# PATRIOT ENGINEERING and Environmental, Inc. Engineering Value for Project Success Lafayette Laboratory

### **Moisture-Density (Proctor)**

ASTM D698 - 12e2, AASHTO T99 (17) Standard ASTM D1557 - 12e1, AASHTO T180 (17) Modified

ledown	Original	$\circ$	Amended

			Environmental Field Services,
Project Name:	Elliot Ditch Backfill Soil	Client: _	Inc.
Project Number:	20-0401-06C	Sampled By: _	Client
Date Received:	5/12/2020	Tested By:	Bridget Buchanan
Date Tested:	5/14/2020	Sample Source:	Bridget Buchanan
Sample Number:	SS20-005	Proctor Type:	Standard



**Optimum Moisture Content:** 

Oversize Correction MDD: pcf

**Maximum Dry Density:** 

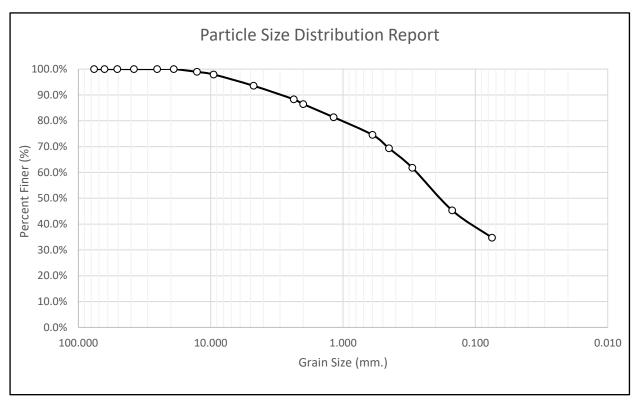
Sample Description: Brown Silty Sandy Clay with trace gravel

130.0 pcf

Test Method: B



10.3%



% + 3"	Percent (	%) Gravel	Po	ercent (%) Sai	nd	Percent (%) Fines		
% T 3	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	
0.0	0.0	6.5	7.1	17.1	34.6	34	1.7	

Ciava Ciaa	Percent (%)	Specification
Sieve Size	Finer	Requirements
3"	100.0	-
2 1/2"	100.0	
2"	100.0	
1 1/2"	100.0	
1"	100.0	
3/4"	100.0	
1/2"	98.9	
3/8"	97.9	
#4	93.5	
#8	88.3	
#10	86.5	
#16	81.4	
#30	74.5	
#40	69.4	
#50	61.8	
#100	45.3	
#200	34.7	

	Material Description										
Bro	Brown, Silty Sandy Clay with trace gravel										
		Atterb	erg	<u>Limits</u>							
PL =	PL = 14										
	<u>Coefficients</u>										
D90	3.13	43		D85	1	.764	6				
D60	0.28	36		D50	0.1926		6				
D30	0.06	48		D15	0.0324						
D10	0.02	16		Cu	13	3.134	16				
Сс	0.68	52									
		Class	sifica	tion							
	Classification  USCS CL - ML  AASHTO										

Sample Number: SS20-005 Sample Source: Client Date: 5/14/2020



PATRIOT ENGINEERING and Environmental, Inc. Lafayette, Indiana

Project: Elliot Ditch Backfill Soil				
Number: 20-0401-06C				
Client:	Environmental Field Services, Inc.			



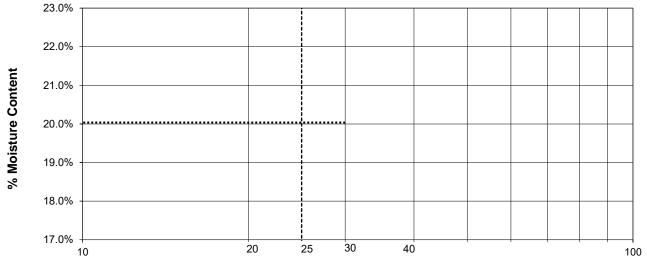
Atterberg Limits

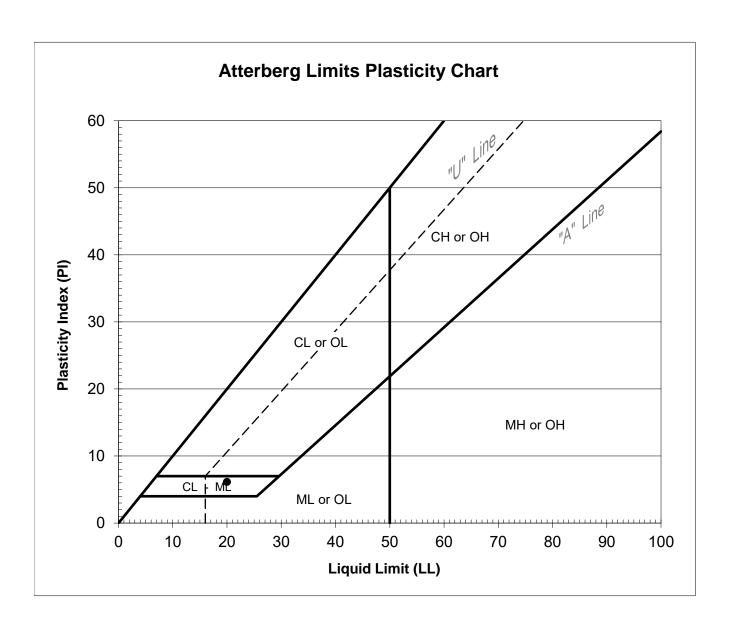
AASHTO T89/T90

Original
Amended

Project Name:	Elliot Ditch Backfill Soil	Client:	Environmental Field Services, Inc.		
Project Number:  Date Received:  Date Tested:  Sample Number:	20-0401-06C 5/12/2020 5/15/2020 SS20-005	Sampled By: Tested By: Source:	Brid	Client Bridget Buchanan	
Delivered MC	Plastic Limit		Liquid Limit		
Tare # Wet + tare Dry + tare tare wgt water wgt dry wgt MC  Liquid Limit  USCS Classification:	34       36       37       35         18.50       18.40       18.10       18.50         17.90       17.60       17.80       17.90         13.50       13.80       13.60       13.50         0.60       0.80       0.30       0.60         4.40       3.80       4.20       4.40         13.64%       21.05%       7.14%       13.64%         Average         Plastic Limit       14	Blows	30 31.30 28.50 13.50 2.80 15.00 18.67%	32 26.30 24.40 13.80 1.90 10.60 17.92%	39 30.20 27.50 13.60 2.70 13.90 19.42%









## LOSS ON IGNITION (LOI)

ASTM D 2974 Test Method "C"

Original	Amended

	Elliot Ditch Óæ&\~ā ÁÛ[ā]	Client:	Environmental Field Services, Inc.
Project Name:	PO # JT 1994	Client Address:	
Project Number:	20-0401-06C	Sampled by:	Client
Date Received:	5/14/2020	Tested by:	S. Lauletta
Date Tested:	5/14/2020	Date @ 455° C:_	5/15/2020

Boring	Sample	Tare	Tare	Dry+Tare	Dry	Ash+Tare	Ash	Organic
No.	No.	No.	Wt. (g)	Wt. (g)	Weight (g)	Wt. (g)	Weight (g)	Content (%)
	SS20-005	1	52.70	166.94	114.24	166.39	113.69	0.5



## **Backfill Soil PCB Analytical Results**

Elliott Ditch Levee Interim Measures Post Construction Report Arconic Lafayette Operations, Lafayette, Indiana

Sample ID	Date		PCB Aroclor (mg/Kg)							
Sample 1D	Date	1016	1221	1232	1242	1248	1254	1260	(mg/Kg)	
ED-Backfill - 1	5/21/2020	ND	ND	ND	ND	ND	ND	ND	ND	
ED-Backfill - 2	5/21/2020	ND	ND	ND	ND	ND	ND	ND	ND	
ED-Backfill - 3	5/21/2020	ND	ND	ND	ND	ND	ND	ND	ND	
ED-Backfill - 4	5/21/2020	ND	ND	ND	ND	ND	ND	ND	ND	
ED-Backfill - 5	5/21/2020	ND	ND	ND	ND	ND	ND	ND	ND	
ED-Backfill - 6	5/21/2020	ND	ND	ND	ND	ND	ND	ND	ND	
ED-Backfill - 7	5/21/2020	ND	ND	ND	ND	ND	ND	ND	ND	
ED-Backfill - 8	5/21/2020	ND	ND	ND	ND	ND	ND	ND	ND	
ED-Backfill - 9	5/21/2020	ND	ND	ND	ND	ND	ND	ND	ND	
ED-Backfill - 10	5/21/2020	ND	ND	ND	ND	ND	ND	ND	ND	

#### NOTE:

ND = constituent was not detected above the laboratory method detection limit (0.0066 mg/Kg).



5/28/2020

Civil & Environmental Consultants, Inc. Ms. Jenny Rickford O'Brien 2704 Cherokee Farm Way²Suite 101 Suite 101 Knoxville, TN, 37920

Ref: Analytical Testing

Lab Report Number: 20-143-0094

Client Project Description: Elliott Ditch Remediation Confirmation -

Project No.: 172-367 Task 34

Dear Ms. Jenny Rickford O'Brien:

Waypoint Analytical, LLC. received sample(s) on 5/22/2020 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method. Where the laboratory was not responsible for the sampling stage (refer to the chain of custody) results apply to the sample as received.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule August 2017) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an asreceived basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

Andrea R Brownfield Project manager

Indrew Broungheld

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.





## **Certification Summary**

Laboratory ID: WP MTN: Waypoint Analytical, LLC., Memphis, TN

State	Program	Lab ID	Expiration Date
Alabama	State Program	40750	2/28/2021
Arizona	State Program	AZ0816	8/30/2020
Arkansas	State Program	88-0650	2/7/2021
California	State Program	2904	5/10/2020
Georgia	State Program	C044	2/18/2023
Georgia	State Program	04015	6/30/2020
Illinois	State Program - NELAP	200078	10/10/2020
Kentucky	State Program	80215	6/30/2020
Kentucky	State Program	KY90047	12/31/2020
Louisiana	State Program - NELAP	04015	6/30/2020
Mississippi	State Program	MS	5/10/2020
North Carolina	State Program	415	12/31/2020
Oklahoma	State Program	9311	8/31/2020
Pennsylvania	State Program - NELAP	68-03195	5/31/2021
South Carolina	State Program	84002	5/10/2020
South Carolina	State Program	84002	6/30/2020
Tennessee	State Program	02027	2/11/2023
Tennessee	A2LA ISO 17025:2017	4313.01	10/31/2021
Texas	State Program - NELAP	T104704180	9/30/2020
Virginia	State Program	00106	6/30/2020
Virginia	State Program - NELAP	460181	9/14/2020
Washington	State Program	C1018	7/31/2020

Page 1 of 1 00001/20-143-0094



## **Sample Summary Table**

Report Number: 20-143-0094

Client Project Description: Elliott Ditch Remediation Confirmation -

Project No.: 172-367 Task 34

Lab No	Client Sample ID	Matrix	Date Collected	Date Received
85931	ED-Backfill - 1	Solids	05/21/2020 14:40	05/22/2020
85932	ED-Backfill - 2	Solids	05/21/2020 14:42	05/22/2020
85933	ED-Backfill - 3	Solids	05/21/2020 14:44	05/22/2020
85934	ED-Backfill - 4	Solids	05/21/2020 14:46	05/22/2020
85935	ED-Backfill - 5	Solids	05/21/2020 14:48	05/22/2020
85936	ED-Backfill - 6	Solids	05/21/2020 14:50	05/22/2020
85937	ED-Backfill - 7	Solids	05/21/2020 14:52	05/22/2020
85938	ED-Backfill - 8	Solids	05/21/2020 14:54	05/22/2020
85939	ED-Backfill - 9	Solids	05/21/2020 14:56	05/22/2020
85940	ED-Backfill - 10	Solids	05/21/2020 14:58	05/22/2020



**L493263** 05/26/20 18:02

Limits: 25-125%

25226

Civil & Environmental Consultants, Inc.

Ms. Jenny Rickford O'Brien

2704 Cherokee Farm Way²Suite 101

85931

Analytical Method: 8082A

Suite 101

Lab No:

Knoxville, TN 37920

Project Elliott Ditch Remediation Confirmation -

Information: Project No.: 172-367 Task 34

Andrea R. Brownfield Project manager

Report Date: 05/28/2020

Received: 05/22/2020

L493589

**REPORT OF ANALYSIS** Report Number: 20-143-0094

Matrix: Solids

1 05/28/20 01:08 VIC

Sampled: 5/21/2020 14:40

Sample ID : ED-Backfill - 1

88.5

Prep Batch(es):

Surrogate: Tetrachloro-m-xylene

Prep Method:	3540C							
Test		Results	Units	MQL	DF	Date / Time Analyzed	Ву	Analytical Batch
Aroclor 1016		<0.0066	mg/Kg	0.0066	1	05/28/20 01:08	VIC	L493589
Aroclor 1221		<0.0066	mg/Kg	0.0066	1	05/28/20 01:08	VIC	L493589
Aroclor 1232		<0.0066	mg/Kg	0.0066	1	05/28/20 01:08	VIC	L493589
Aroclor 1242		<0.0066	mg/Kg	0.0066	1	05/28/20 01:08	VIC	L493589
Aroclor 1248		<0.0066	mg/Kg	0.0066	1	05/28/20 01:08	VIC	L493589
Aroclor 1254		<0.0066	mg/Kg	0.0066	1	05/28/20 01:08	VIC	L493589
Aroclor 1260		<0.0066	mg/Kg	0.0066	1	05/28/20 01:08	VIC	L493589
Surrogate: De	ecachlorobiphenyl		81.0	Limits: 25-125%		1 05/28/20 01:0	8 VIC	L493589

Qualifiers/ DF MQL Dilution Factor Method Quantitation Limit **Definitions** 



25226

Civil & Environmental Consultants, Inc.

Ms. Jenny Rickford O'Brien

2704 Cherokee Farm Way²Suite 101

Suite 101

Lab No:

Knoxville, TN 37920

Project Elliott Ditch Remediation Confirmation -

Information: Project No.: 172-367 Task 34

Andrea R. Brownfield Project manager

Report Date: 05/28/2020

Received: 05/22/2020

Report Number: 20-143-0094

Matrix: Solids

Sample ID : ED-Backfill - 2 Sampled: 5/21/2020 14:42

**REPORT OF ANALYSIS** 

Analytical Method: 8082A Prep Batch(es): **L493263** 05/26/20 18:02

85932

Prep Method:	3540C							
Test		Results	Units	MQL	DF	Date / Time Analyzed	Ву	Analytical Batch
Aroclor 1016		<0.0066	mg/Kg	0.0066	1	05/28/20 01:30	VIC	L493589
Aroclor 1221		<0.0066	mg/Kg	0.0066	1	05/28/20 01:30	VIC	L493589
Aroclor 1232		<0.0066	mg/Kg	0.0066	1	05/28/20 01:30	VIC	L493589
Aroclor 1242		<0.0066	mg/Kg	0.0066	1	05/28/20 01:30	VIC	L493589
Aroclor 1248		<0.0066	mg/Kg	0.0066	1	05/28/20 01:30	VIC	L493589
Aroclor 1254		<0.0066	mg/Kg	0.0066	1	05/28/20 01:30	VIC	L493589
Aroclor 1260		<0.0066	mg/Kg	0.0066	1	05/28/20 01:30	VIC	L493589
Surrogate: De	cachlorobiphenyl		79.9	Limits: 25-125%		1 05/28/20 01:3	80 VIC	L493589
Surrogate: Te	trachloro-m-xvlene		85.9	Limits: 25-125%		1 05/28/20 01:3	0 VIC	L493589

Qualifiers/ **Definitions**  DF

Dilution Factor

MQL



25226

Civil & Environmental Consultants, Inc.

Ms. Jenny Rickford O'Brien

2704 Cherokee Farm Way²Suite 101

Suite 101

Knoxville, TN 37920

Project Elliott Ditch Remediation Confirmation -

Information: Project No.: 172-367 Task 34

Andrea R. Brownfield Project manager

Report Date: 05/28/2020

Received: 05/22/2020

**REPORT OF ANALYSIS** Report Number: 20-143-0094

Matrix: Solids

Sampled: 5/21/2020 14:44

85933 Lab No: Sample ID: ED-Backfill - 3

Analytical Method: 8082A Prep Batch(es): **L493263** 05/26/20 18:02 Dron Mothod: 32400

Prep	Method: 3540C								
Test		Results	Units	MQL	DF	Date / Time Analyzed	Ву	Analytical Batch	
Aroclo	or 1016	<0.0066	mg/Kg	0.0066	1	05/28/20 01:52	VIC	L493589	
Aroclo	or 1221	<0.0066	mg/Kg	0.0066	1	05/28/20 01:52	VIC	L493589	
Aroclo	or 1232	<0.0066	mg/Kg	0.0066	1	05/28/20 01:52	VIC	L493589	
Aroclo	or 1242	<0.0066	mg/Kg	0.0066	1	05/28/20 01:52	VIC	L493589	
Aroclo	or 1248	<0.0066	mg/Kg	0.0066	1	05/28/20 01:52	VIC	L493589	
Aroclo	or 1254	<0.0066	mg/Kg	0.0066	1	05/28/20 01:52	VIC	L493589	
Aroclo	or 1260	<0.0066	mg/Kg	0.0066	1	05/28/20 01:52	VIC	L493589	
	Surrogate: Decachlorobiphenyl	8	32.1	Limits: 25-125%		1 05/28/20 01:5	2 VIC	L493589	
	Surrogate: Tetrachloro-m-xylene	8	36.2	Limits: 25-125%		1 05/28/20 01:5	2 VIC	L493589	

Qualifiers/ **Definitions**  DF

Dilution Factor

MQL



**L493263** 05/26/20 18:02

25226

Civil & Environmental Consultants, Inc.

Ms. Jenny Rickford O'Brien

2704 Cherokee Farm Way²Suite 101

Suite 101

Lab No:

Knoxville, TN 37920

Project Elliott Ditch Remediation Confirmation -

Information: Project No.: 172-367 Task 34

Andrea R. Brownfield Project manager

Report Date: 05/28/2020

Received: 05/22/2020

Report Number: 20-143-0094

85934

Analytical Method: 8082A

**REPORT OF ANALYSIS** 

Prep Batch(es):

Matrix: Solids

Sampled: 5/21/2020 14:46

Sample ID: ED-Backfill - 4

Draw Mathada 2540C							
Prep Method: 3540C  Test	Results	Units	MQL	DF	Date / Time Analyzed	Ву	Analytical Batch
Aroclor 1016	<0.0066	mg/Kg	0.0066	1	05/28/20 02:14	VIC	L493589
Aroclor 1221	<0.0066	mg/Kg	0.0066	1	05/28/20 02:14	VIC	L493589
Aroclor 1232	<0.0066	mg/Kg	0.0066	1	05/28/20 02:14	VIC	L493589
Aroclor 1242	<0.0066	mg/Kg	0.0066	1	05/28/20 02:14	VIC	L493589
Aroclor 1248	<0.0066	mg/Kg	0.0066	1	05/28/20 02:14	VIC	L493589
Aroclor 1254	<0.0066	mg/Kg	0.0066	1	05/28/20 02:14	VIC	L493589
Aroclor 1260	<0.0066	mg/Kg	0.0066	1	05/28/20 02:14	VIC	L493589
Surrogate: Decachlorobiphenyl	8	37.3	Limits: 25-125%		1 05/28/20 02::	14 VIC	L49358
Surrogate: Tetrachloro-m-xylene	8	33.8	Limits: 25-125%		1 05/28/20 02::	14 VIC	L493589

Qualifiers/ **Definitions**  DF

**Dilution Factor** 

MQL



25226

Civil & Environmental Consultants, Inc.

Ms. Jenny Rickford O'Brien

2704 Cherokee Farm Way²Suite 101

Suite 101

Lab No:

Knoxville, TN 37920

Project Elliott Ditch Remediation Confirmation -

Information: Project No.: 172-367 Task 34

Andrea R. Brownfield Project manager

Report Date: 05/28/2020

Received: 05/22/2020

**REPORT OF ANALYSIS** Report Number: 20-143-0094

Matrix: Solids

Sampled: 5/21/2020 14:48

Sample ID: ED-Backfill - 5

85935

Analytical Method: Prep Method:	8082A 3540C	I	Prep Batch(es):	L493263	05/26/20 18:03	2		
Test		Results	Units	MQL	DF	Date / Time Analyzed	Ву	Analytical Batch
Aroclor 1016		<0.0066	mg/Kg	0.0066	1	05/28/20 02:36	VIC	L493589
Aroclor 1221		<0.0066	mg/Kg	0.0066	1	05/28/20 02:36	VIC	L493589
Aroclor 1232		<0.0066	mg/Kg	0.0066	1	05/28/20 02:36	VIC	L493589
Aroclor 1242		<0.0066	mg/Kg	0.0066	1	05/28/20 02:36	VIC	L493589
Aroclor 1248		<0.0066	mg/Kg	0.0066	1	05/28/20 02:36	VIC	L493589
Aroclor 1254		<0.0066	mg/Kg	0.0066	1	05/28/20 02:36	VIC	L493589
Aroclor 1260		<0.0066	mg/Kg	0.0066	1	05/28/20 02:36	VIC	L493589
Surrogate: Dec	achlorobiphenyl		95.0	Limits: 2	25-125%	1 05/28/20 02:3	6 VIC	L493589
Surrogate: Tet	rachloro-m-xylene		85.9	Limits: 2	25-125%	1 05/28/20 02:3	6 VIC	L493589

Qualifiers/ **Definitions**  DF

**Dilution Factor** 

MQL



25226

Civil & Environmental Consultants, Inc.

Ms. Jenny Rickford O'Brien

2704 Cherokee Farm Way²Suite 101

Suite 101

Lab No:

Knoxville, TN 37920

Project Elliott Ditch Remediation Confirmation -

Information: Project No.: 172-367 Task 34

Andrea R. Brownfield Project manager

Report Date: 05/28/2020

Received: 05/22/2020

Report Number : 20-143-0094

85936

Matrix: **Solids** 

Sample ID : **ED-Backfill - 6** Sampled: **5/21/2020 14:50** 

**REPORT OF ANALYSIS** 

 Analytical Method:
 8082A
 Prep Batch(es):
 L493263
 05/26/20 18:02

 Prep Method:
 3540C

Prep	Method: 3540C							
Test		Results	Units	MQL	DF	Date / Time Analyzed	Ву	Analytical Batch
Aroclo	r 1016	<0.0066	mg/Kg	0.0066	1	05/28/20 02:58	VIC	L493589
Aroclo	r 1221	<0.0066	mg/Kg	0.0066	1	05/28/20 02:58	VIC	L493589
Aroclo	r 1232	<0.0066	mg/Kg	0.0066	1	05/28/20 02:58	VIC	L493589
Aroclo	r 1242	<0.0066	mg/Kg	0.0066	1	05/28/20 02:58	VIC	L493589
Aroclo	r 1248	<0.0066	mg/Kg	0.0066	1	05/28/20 02:58	VIC	L493589
Aroclo	r 1254	<0.0066	mg/Kg	0.0066	1	05/28/20 02:58	VIC	L493589
Aroclo	r 1260	<0.0066	mg/Kg	0.0066	1	05/28/20 02:58	VIC	L493589
	Surrogate: Decachlorobiphenyl		81.9	Limits: 25-125%		1 05/28/20 02:5	8 VIC	L493589
	Surrogate: Tetrachloro-m-xylene		87.4	Limits: 25-125%		1 05/28/20 02:5	8 VIC	L493589

Qualifiers/ Definitions DF

Dilution Factor

MQL



25226

Civil & Environmental Consultants, Inc.

Ms. Jenny Rickford O'Brien

2704 Cherokee Farm Way²Suite 101

Suite 101

Lab No:

Knoxville, TN 37920

Project Elliott Ditch Remediation Confirmation -

Information: Project No.: 172-367 Task 34

**REPORT OF ANALYSIS** 

Andrea R. Brownfield Project manager

Report Date: 05/28/2020

Received: 05/22/2020

Report Number: 20-143-0094

Matrix: Solids

Sampled: **5/21/2020 14:52** 

Analytical Method: 8082A Prep Batch(es): **L493263** 05/26/20 18:02

85937

Sample ID: ED-Backfill - 7

Prep Method	<b>:</b> 3540C							
Test		Results	Units	MQL	DF	Date / Time Analyzed	Ву	Analytical Batch
Aroclor 1016		<0.0066	mg/Kg	0.0066	1	05/28/20 03:19	VIC	L493589
Aroclor 1221		<0.0066	mg/Kg	0.0066	1	05/28/20 03:19	VIC	L493589
Aroclor 1232		<0.0066	mg/Kg	0.0066	1	05/28/20 03:19	VIC	L493589
Aroclor 1242		<0.0066	mg/Kg	0.0066	1	05/28/20 03:19	VIC	L493589
Aroclor 1248		<0.0066	mg/Kg	0.0066	1	05/28/20 03:19	VIC	L493589
Aroclor 1254		<0.0066	mg/Kg	0.0066	1	05/28/20 03:19	VIC	L493589
Aroclor 1260		<0.0066	mg/Kg	0.0066	1	05/28/20 03:19	VIC	L493589
Surroga	ate: Decachlorobiphenyl	8	30.0	Limits: 25-125%		1 05/28/20 03:1	.9 VIC	L493589
Surroga	ate: Tetrachloro-m-xylene	8	33.0	Limits: 25-125%		1 05/28/20 03:1	9 VIC	L493589

Qualifiers/ **Definitions**  DF

**Dilution Factor** 

MQL



25226

Civil & Environmental Consultants, Inc.

Ms. Jenny Rickford O'Brien

2704 Cherokee Farm Way²Suite 101

85938

Suite 101

Lab No:

Knoxville, TN 37920

Project Elliott Ditch Remediation Confirmation -

Information: Project No.: 172-367 Task 34

Andrea R. Brownfield Project manager

Report Date: 05/28/2020

Received: 05/22/2020

L493589

Report Number: 20-143-0094 REPORT OF ANALYSIS

Matrix: Solids

Sampled: 5/21/2020 14:54

Sample ID : ED-Backfill - 8

83.2

Analytical Method:	8082A	Prep l	Batch(es): L4	<b>193263</b> 05/26,	/20 18:02	2		
Prep Method:	3540C							
Test		Results	Units	MQL	DF	Date / Time Analyzed	Ву	Analytical Batch
Aroclor 1016		<0.0066	mg/Kg	0.0066	1	05/28/20 03:41	VIC	L493589
Aroclor 1221		<0.0066	mg/Kg	0.0066	1	05/28/20 03:41	VIC	L493589
Aroclor 1232		<0.0066	mg/Kg	0.0066	1	05/28/20 03:41	VIC	L493589
Aroclor 1242		<0.0066	mg/Kg	0.0066	1	05/28/20 03:41	VIC	L493589
Aroclor 1248		<0.0066	mg/Kg	0.0066	1	05/28/20 03:41	VIC	L493589
Aroclor 1254		<0.0066	mg/Kg	0.0066	1	05/28/20 03:41	VIC	L493589
Aroclor 1260		<0.0066	mg/Kg	0.0066	1	05/28/20 03:41	VIC	L493589
Surrogate: Dec	cachlorobiphenyl	74.6		Limits: 25-125	%	1 05/28/20 03:4	1 VIC	L493589

Qualifiers/ Definitions DF

Surrogate: Tetrachloro-m-xylene

**Dilution Factor** 

MQL

Limits: 25-125%

Method Quantitation Limit

1 05/28/20 03:41 VIC



25226

Civil & Environmental Consultants, Inc.

Ms. Jenny Rickford O'Brien

2704 Cherokee Farm Way²Suite 101

Suite 101

Lab No:

Knoxville, TN 37920

Project Elliott Ditch Remediation Confirmation -

Information: Project No.: 172-367 Task 34

Andrea R. Brownfield Project manager

Report Date: 05/28/2020

Received: 05/22/2020

**REPORT OF ANALYSIS** Report Number: 20-143-0094

Matrix: Solids

Sampled: 5/21/2020 14:56

Analytical Method: 8082A Prep Batch(es): **L493263** 05/26/20 18:02

Sample ID: ED-Backfill - 9

85939

Prep Method:	3540C							
Test		Results	Units	MQL	DF	Date / Time Analyzed	Ву	Analytical Batch
Aroclor 1016		<0.0066	mg/Kg	0.0066	1	05/28/20 04:03	VIC	L493589
Aroclor 1221		<0.0066	mg/Kg	0.0066	1	05/28/20 04:03	VIC	L493589
Aroclor 1232		<0.0066	mg/Kg	0.0066	1	05/28/20 04:03	VIC	L493589
Aroclor 1242		<0.0066	mg/Kg	0.0066	1	05/28/20 04:03	VIC	L493589
Aroclor 1248		<0.0066	mg/Kg	0.0066	1	05/28/20 04:03	VIC	L493589
Aroclor 1254		<0.0066	mg/Kg	0.0066	1	05/28/20 04:03	VIC	L493589
Aroclor 1260		<0.0066	mg/Kg	0.0066	1	05/28/20 04:03	VIC	L493589
Surrogate	: Decachlorobiphenyl	7	79.4	Limits: 25-125%		1 05/28/20 04:0	3 VIC	L493589
Surrogate	: Tetrachloro-m-xylene	7	79.9	Limits: 25-125%		1 05/28/20 04:0	3 VIC	L493589

Qualifiers/ **Definitions**  DF

**Dilution Factor** 

MQL



25226

Civil & Environmental Consultants, Inc.

Ms. Jenny Rickford O'Brien

2704 Cherokee Farm Way²Suite 101

85940

Sample ID : ED-Backfill - 10

Suite 101

Lab No:

Knoxville, TN 37920

Project Elliott Ditch Remediation Confirmation -

Information: Project No.: 172-367 Task 34

Andrea R. Brownfield Project manager

Report Date: 05/28/2020

Received: 05/22/2020

Report Number: 20-143-0094 REPORT OF ANALYSIS

Matrix: Solids

Sampled: 5/21/2020 14:58

Prep N	Method: 3	3540C	•						
Test		R	Results	Units	MQL	DF	Date / Time Analyzed	Ву	Analytical Batch
Aroclor	1016	<0	.0066	mg/Kg	0.0066	1	05/28/20 04:25	VIC	L493589
Aroclor	1221	<0	.0066	mg/Kg	0.0066	1	05/28/20 04:25	VIC	L493589
Aroclor	1232	<0	.0066	mg/Kg	0.0066	1	05/28/20 04:25	VIC	L493589
Aroclor	1242	<0	.0066	mg/Kg	0.0066	1	05/28/20 04:25	VIC	L493589
Aroclor	1248	<0	.0066	mg/Kg	0.0066	1	05/28/20 04:25	VIC	L493589
Aroclor	1254	<0	.0066	mg/Kg	0.0066	1	05/28/20 04:25	VIC	L493589
Aroclor	1260	<0	.0066	mg/Kg	0.0066	1	05/28/20 04:25	VIC	L493589
	Surrogate: Decac	hlorobiphenyl	77.4		Limits: 25-125%		1 05/28/20 04:2	5 VIC	L493589
	Surrogate: Tetrac	chloro-m-xylene	74.9		Limits: 25-125%		1 05/28/20 04:2	5 VIC	L493589

Qualifiers/ Definitions DF

Dilution Factor

MQL



## **Quality Control Data**

Client ID: Civil & Environmental Consultants, Inc.

Project Description: Elliott Ditch Remediation Confirmation - ISM

Report No: 20-143-0094

QC Prep: L493263 QC Analytical Batch(es): L493589 QC Prep Batch Method: 3540C Analysis Method: 8082A

**Analysis Description:** Polychlorinated Biphenyls (PCB's)

Lab Reagent Blank LRB-L493263 Matrix: SOL

Associated Lab Samples: 85931, 85932, 85933, 85934, 85935, 85936, 85937, 85938, 85939, 85940

Parameter	Units	Blank Result	MQL	Analyzed	% Recovery	% Rec Limits
Aroclor 1016	mg/Kg	<0.0066	0.0066	05/27/20 23:41		
Aroclor 1221	mg/Kg	<0.0066	0.0066	05/27/20 23:41		
Aroclor 1232	mg/Kg	<0.0066	0.0066	05/27/20 23:41		
Aroclor 1242	mg/Kg	<0.0066	0.0066	05/27/20 23:41		
Aroclor 1248	mg/Kg	<0.0066	0.0066	05/27/20 23:41		
Aroclor 1254	mg/Kg	<0.0066	0.0066	05/27/20 23:41		
Aroclor 1260	mg/Kg	<0.0066	0.0066	05/27/20 23:41		
Decachlorobiphenyl (S)				05/27/20 23:41	80.0	25-125
Tetrachloro-m-xylene (S)				05/27/20 23:41	71.0	25-125

Laboratory Control Sample

LCS-L493263

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Aroclor 1016	mg/Kg	0.167	0.145	86.8	50-125
Aroclor 1260	mg/Kg	0.167	0.166	99.4	50-125
Decachlorobiphenyl (S)				84.0	25-125
Tetrachloro-m-xylene (S)				84.0	25-125

**Matrix Spike & Matrix Spike Duplicate** 

L 85931-MS-L493263

L 85931-MSD-L493263

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Aroclor 1016	mg/Kg	<0.0066	0.167	0.166	0.153	0.144	91.6	86.7	40-140	6.0	30
Aroclor 1260	mg/Kg	<0.0066	0.167	0.166	0.177	0.169	106	102	40-140	4.6	30
Decachlorobiphenyl (S)							81.5	78.8	25-125		
Tetrachloro-m-xylene (S)							91.0	76.8	25-125		

Date: 05/28/2020 03:24 PM



Signature: Tory Phillips

2790 Whitten Road, Memphis, TN 38133 Main 901.213.2400 ° Fax 901.213.2440 www.waypointanalytical.com

#### **Shipment Receipt Form**

Customer Number: 25226

Customer Name: Civil & Environmental Consultants, Inc.

Report Number: **20-143-0094** 

## **Shipping Method**

		Omppii	ig weinou		
Fed Ex	US Postal	◯ Lab		Other :	
UPS	Client	O Cour	ier	Thermometer ID:	#70
Shipping contain	er/cooler uncomprom	nised?	Yes	○ No	
Number of coole	rs/boxes received		1		
Custody seals in	tact on shipping cont	ainer/cooler?	Yes	○ No	O Not Present
Custody seals in	tact on sample bottle	s?	O Yes	○ No	Not Present
Chain of Custody	y (COC) present?		Yes	○ No	
COC agrees with	n sample label(s)?		Yes	○ No	
COC properly co	mpleted		Yes	○ No	
Samples in prop	er containers?		Yes	○ No	
Sample containe	rs intact?		Yes	○ No	
Sufficient sample	e volume for indicated	d test(s)?	Yes	○ No	
All samples rece	ived within holding tir	ne?	Yes	○ No	
Cooler temperati	ure in compliance?		Yes	○ No	
	arrived at the laborat onsidered acceptable un.	,	Yes	○ No	
Water - Sample	containers properly p	reserved	O Yes	○ No	● N/A
Water - VOA vial	s free of headspace		O Yes	○ No	● N/A
Trip Blanks recei	ved with VOAs		O Yes	○ No	● N/A
Soil VOA method	d 5035 – compliance	criteria met	O Yes	○ No	● N/A
High concent	ration container (48 h	nr)	☐ Lov	w concentration EnC	ore samplers (48 hr)
High concent	ration pre-weighed (n	nethanol -14	d) Lov	w conc pre-weighed	vials (Sod Bis -14 d)
Special precaution	ons or instructions inc	cluded?	O Yes	● No	
Comments:					

Page 15 of 17

Date & Time: 05/22/2020 15:31:22

1.00	Civil + Environmental		Client Project Manager/Cont		Billing Information  Fructice-send to  quelcha cecinc. com				For Laboratory Use Only							
(	Consult	ants, Inc.	Jerry O'Brien			gu	elchen cecin	ic com								
Project Description  Elliot Ditch - Level  IM Project  The Project/Site Location (City/Sterm)  Lafayette, IA			Special Detection Limit(s)			Fed E Couri	Method of Shipment Fed Ex UPS USPS Courier Client Drop Off Other			Matrix Key  WW - Wastewater GW - Groundwater  DW - Drinking Water S - Soil /Solid O - Oil  P - Product M - Misc						
	Project Number Project Manager Phone #			Project Manager Email				Purchase	Order Nu	ımber		Site/Facility ID	#			
	17-2-	367 Task 34	865-440-165	5		9	welch@ce	cinc.com					Ellioth Ditch			
Waypoint  ANALYTICAL  2790 Whitten Road  Memphis, TN 38133  (901) 213-2400  Unless noted, all containers per Table II of 40 CFR Part  136.		Number of Containers	Matrix (Refer to Key)	(G)rab or (C)omposite	< 10C Na2S2O3 (Micro Or I <= 6C					o Only)						
Date	Time	Sample	e Identification	Z	2	=		Required A	nalysis / Pres	ervative			Access to the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same	Comments/Notes		
5/24/20	1440	ED-Bacufi	11-1	1	5	C	X						HOLD UNTIL CLIENT			
	1492	ED- Backfill	- 2	1	S	C	X						INSTRUCTION			
	100 A	ED - Bacufi		1	S	C	X									
	1446	ED-Bacufi		1	5	C	X									
	1448	ED-Backfil		1	5	(	X									
	1.00	ED-Bacufi		1	5	C	X									
	1000	ED-Backfi		1	5	c	X				ustody Se	1				
		FD - Bacuf		1	5	C	X				received or r(s)/ Conta	27 3000	s)			
		ED - Bacufi		1	S	c	X		-				*			
V	1458	ED-Bacyfil		ì	5	C	X									
		For Laboratory Use	Only	Sam		(Nam	e – Print)		Client Ren	narks/Co	mments	NO.	COMPOSET	E UIA TACRI	EMELITAL	
Ice	Ice Custody Lab Comments Seals  Y N  Lab Comments		Je	nny	0.	Brien		Ho	LD	UNTIL	CLI	ENT I	VSTRUCTI	TON		
				AM	M	SIGNATURE)		Date Time Received by: (SIGNATU			SIGNATU			Time		
Bla	nk/cooler	remp		Reli	nquistre	d by: (	SIGNATURE)		Date Time Received by: (SIGNATU			SIGNATU	JRE)	Date	Time	
0.4	0.4°C (TP)		Reli	elinquished by: (SIGNATURE)				Date Time Received by: (SIGNATURE) Date 52				Time 2/20				
											1	WA	70	101	-	

## Tory Phillips - Fwd: [External Email] --- Backfill Samples

From:

Andrea Brownfield

To:

Tory Phillips

Date:

5/22/2020 2:35 PM

Subject:

Fwd: [External Email] --- Backfill Samples

Attachments: IMG 0963.JPG

Civil & Environmental Consultants, Inc. Elliott Ditch Remediation Confirmation - ISM 25226 05-22-2020

15:26:12

>>> "Rickford O'Brien, Jenny" < jrickfordobrien@cecinc.com> 5/22/2020 2:31 PM >>> Hi Andy,

We would like the backfill samples that we sent yesterday (I attached a picture of the COC) to be run. We need the results by the end of the day of Thursday, May 28th. Whatever TAT is required to make that day, please use.

Thanks so much!

Jenny Rickford O'Brien / Project Consultant

Civil & Environmental Consultants, Inc.

2704 Cherokee Farm Way, Suite 101 · Knoxville, TN 37920

Toll-Free: (844) 828-7979 · Fax: (865) 977-9919 Direct: (865) 340-4903 · Mobile: (865) 407-8861

http://www.cecinc.com

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TO: Kevin Chapman	RE: Formal Field Reports No. 03				
Environmental Field Services, Inc.	Project: Elliot Ditch Backfill Soil - PO # JT 1994				
1302 N Meridian St #310	Patriot Project No. 20-0401-06C				
Indianapolis, IN 46202	Date: June 22, 2020				
kchapman@envfield.com;					

Submitted herewith are results for construction materials testing and observation services provided for the above referenced project for June 8, 2020. Those services included:

Date	Service	Location/Description/Remarks
6/8/2020	Daily Observations	Daily project observations were made regarding field density testing and general site activities. These observations are noted on the attached daily observations sheet.
6/8/2020	Field Density Testing	Area F. Test results met the minimum project specification of 95% of a standard Proctor dry density. Please refer to the attached report for further details.

Please refer to the attached report sheets for additional details. We appreciate the opportunity to be of service to you on this project. If you have any questions, please call us.

Respectfully submitted,

Patriot Engineering and Environmental, Inc.

Jeffrey M. McCloud Senior Project Manager

Copies: aherrmann@envfield.com;

Adam Kain Senior Project Manager

# PATRIOT ENGINEERING and Environmental, Inc. 717 Farabee Court, Suite C

## **Daily Report / Project Observations**

717 Farabee Court, Suite C Lafayette, IN 47905 Phone 765.447.4477 Fax 765.447.4045

20-0401-06C Elliot Ditch Backfill S <b>Project Name:</b> - PO # JT 1994	Soil Patriot Rep: Jeff McCloud
Client: Environmental Field Services, Inc.	Patriot PM: JM
Weather: Sunny, 80s	Date: 06/08/20
Contractor: EFS	
Description of Work:	Location:
Nuclear Field Density Testing	Area F
Tests Performed:	
Nuclear field density testing	
Problems / Non-Compliances / Failing Tests:	
None Observed	
Who Informed of Above:	
Kevin / EFS	
Remarks or Comments:	
them in establishing a compaction pattern to obtain brown, silty, sandy clay with trace gravel. After a fe able to exceed the 95% of the Proctor value of 130	ed location. The contractor was requesting Patriot assist in the project requirements of 95%. The material was a lew different means and methods the contractor was 0.0 pcf. This was obtained by placing approximately aking 3 passes with a medium weighted vibratory smooth the attached Field Density Report.



## **Field Density Test Results**

717 Farabee Court, Suite C Lafayette, IN 47905 Phone 765.447.4477 Fax 765.447.4045

20-0401-06C Elliot Ditch Backfill Soil - PO #

Project I	<b>D</b> : JT 1994	Patriot Rep:	Jeff McCloud
Client:	Environmental Field Services, Inc.	Patriot PM:	JM
Weather	: Sunny, 80s	Date:	06/08/20
_			

Contractor: EFS

Test #	Location	Elevation	Moist. Content (%)	Dry Density (pcf)	Optimum Moist. Content (%)	Max. Proctor Dry Density (pcf)	Comp. (%)	Min. Comp. (%)	Pass Fail	**
1	Area F	Varies	11.4	123.5	10.3	130.0	95.0	95	Р	
2	Area F	Varies	11.5	126.5	10.3	130.0	97.3	95	Р	
3	Area F	Varies	10.3	124.2	10.3	130.0	95.5	95	Р	

(Al	R) Area Re-Rolled	(ART) Area Re-Rolled & Re-Test	ea (R#) Re	e-Test of #X
Compac	tion Equipment:	Medium weighted smooth drum roller	Proctor Type:	Standard
Remarks:	Above testing wa	s performed on a brown silty, sandy	clay with trace g	ravel.



TO: Kevin Chapman	RE: Formal Field Reports No. 04
Environmental Field Services, Inc.	Project: Elliot Ditch Backfill Soil - PO # JT 1994
1302 N Meridian St #310	Patriot Project No. 20-0401-06C
Indianapolis, IN 46202	Date: July 1, 2020
kchapman@envfield.com;	

Submitted herewith are results for construction materials testing and observation services provided for the above referenced project for June 16 through June 23, 2020. Those services included:

Date	Service	Location/Description/Remarks
6/23/2020	Daily Observations	Daily project observations were made regarding field density testing and general site activities. These observations are noted on the attached daily observations sheet.
6/23/2020	Field Density Testing	Westmost area of berm between ditch and temporary access lane. Test results met the minimum project specification of 95% of a standard Proctor dry density. Please refer to the attached report for further details.
6/16/2020	Sieve and Topsoil Analysis	Sample SS-193

Please refer to the attached report sheets for additional details. We appreciate the opportunity to be of service to you on this project. If you have any questions, please call us.

Respectfully submitted,

Patriot Engineering and Environmental, Inc.

Jeffrey M. McCloud

Senior Project Manager

Adam Kain

Senior Project Manager

Copies: aherrmann@envfield.com;

On on cul

# PATRIOT ENGINEERING and Environmental, Inc.

## **Daily Report / Project Observations**

717 Farabee Court, Suite C Lafayette, IN 47905 Phone 765.447.4477 Fax 765.447.4045

20-0401-06C Elliot Ditch Soil Backfill - PO Project Name: # JT 1994 Patriot Rep: Nate Hall Client: Environmental Field Services, Inc. Patriot PM: JM

Weather: 70s Mostly Cloudy		Date: 06/23/20		
Contractor: EFS, Inc.				
Description of Work:	Location:			
Nuclear Field Density Testing	West most	area of berm between ditch and		
	temporary a	access lane.		
	See include	ed pictures.		
Tests Performed:				
Nuclear Field Density Testing				
Problems / Non-Compliances / Failing Tests:				
None observed.				
Who Informed of Above:				
Kevin with EFS, Inc.				
Remarks or Comments:				
Fill material was placed and compacted at the at and test results met minimum project requirement For further details, please refer to the attached F	nts of 95% of a	a Standard Proctor maximum dry density.		



## **Field Density Test Results**

717 Farabee Court, Suite C Lafayette, IN 47905 Phone 765.447.4477 Fax 765.447.4045

Project II	<b>)</b> :	20-0401-06C Elliot Ditch Soil Backfill - PO # JT 1994	Patriot Rep:	Nate Hall	
Client:	Envir	onmental Field Services, Inc.	Patriot PM:	JM	
Weather:	70s N	Mostly Cloudy	Date:	06/23/20	
Contract	or: EF	FS, Inc.			

Test #	Location	Elevation	Moist. Content (%)	Dry Density (pcf)	Optimum Moist. Content (%)	Max. Proctor Dry Density (pcf)	Comp. (%)	Min. Comp. (%)	Pass Fail	**
1	Location #1	Varies	11.2	127.8	10.3	130.0	98.3	95	Р	
2	Location #2	Varies	10.9	126.9	10.3	130.0	97.6	95	Р	
3	Location #3	Varies	11.0	127.3	10.3	130.0	97.9	95	Р	
										П

	R) Area Re-Rolled	(ART) Area Re-Rolled & Re-Tes			e-Test of #X
Compac	tion Equipment:	Large Smooth Double Drum Roller with Vibe	Proctor	Type:	Standard
					ade a minimum of 3 passes before any tests

## **Site Photos**



717 Farabee Court, Suite C Lafayette, IN 47905 Phone 765.447.4477 Fax 765.447.4045

20-0401-06C Elliot Ditch Soil Backfill -

Project Name: PO # JT 1994

Client: Environmental Field Services, Inc.

Weather: 70s Mostly Cloudy

Contractor: EFS, Inc.

Patriot Rep: Nate Hall

Patriot PM: JM

**Date:** 6/23/2020



Approximate locations of test areas highlighted in red.



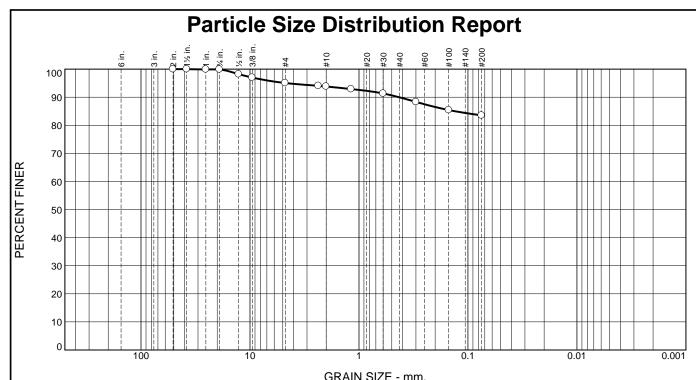
## Remarks:

Photo of general area before compaction had been completed.



## ASTM D 5268 Topsoil Specifications

Deleterious Material	Specific	cation Limits
Sample weight: 765.60_ g	Category	%
Weight of material retained on 2.00mm g % of original sample retained on 2.00mm %	Deleterious (Material retained	,
	Organic matter	3-10%
Organic Content Tare # 5 Tare Wgt: 38.75 g	Sand	20-60%
Tare + Dry weight 82.39 g	Silt/clay	35-70%
Dry Weight 43.64 g	рН	5.5 - 7.5
Tare + Ash weight 81.00 g	Project:	Elliiot Ditch
% Organic Content 3.19 %	]	Topsoil Classification
Particle Size Distribution	Client:	Environmental Field Services
Sand Content 11.60 % % Retained on 75um *	Project number:	20-0401-06C
Clay/Silt Content 83.20 % % Passing the 75um **	Date sampled:	6/11/2020
% Passing the /outil	Sampled by:	Client
* % passing the #10 sieve and retained on the 75um = % sand	Date tested:	6/16/2020
** % passing the 75um = % clay/silt	Tested by:	J. Rogers
pH	Sample number:	SS-193
pH = <u>7.29</u>		



GRAIN SIZE - IIIII.							
9/ .3"	% G	ravel	% Sand			% Sand % Fines	
% +3"	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.1	4.8	1.3	3.8	6.5	83.5	

Test Results (ASTM C136 & ASTM C117)								
Opening Percent Spec.* Pass								
Size	Finer	(Percent)	(X=Fail)					
2.0"	100.0							
1-1/2"	100.0							
1"	99.9							
3/4"	99.9							
1/2"	98.2							
3/8"	97.0							
#4	95.1							
#8	94.0							
#10	93.8							
#16	92.9							
#30	91.3							
#50	88.3							
#100	85.4							
#200	83.5							
*								

	Material I	Description	<u>on</u>	
silt with sand				
PL= NP	erberg Limit LL= NV		D 4318) Pl= ]	NP
USCS (D 2487)=		i <u>fication</u> AASHTO (I	M 145)=	A-4(0)
D ₉₀ = 0.4296 D ₅₀ = D ₁₀ =		ricients 313	D ₆₀ = D ₁₅ = C _c =	
	Rer	narks		
Data Bassivad	C/11/2020	Doto T	t - d ·	(11(2020
Date Received:		_ Date To	estea:	6/16/2020
Tested By:	J. Rogers			
Checked By:	B. Tiernan			
Title	Laboratory Si	inervisor		

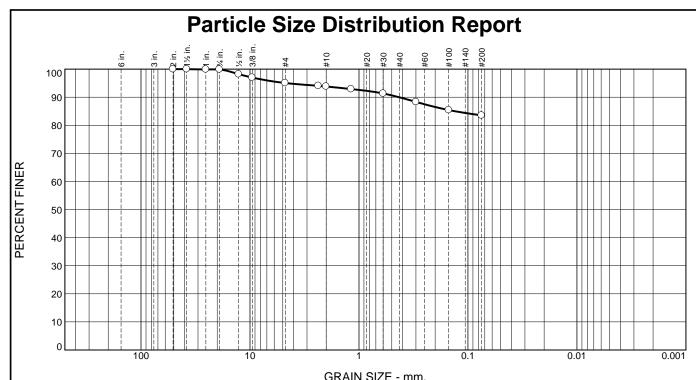
* (no specification provided)

Sample Number: SS-193 Date Sampled: 6/11/2020

PATRIOT ENGINEERING AND ENVIRONMENTAL, INC. Indianapolis, Indiana Client: Environmental Field Services

**Project:** Elliot Ditch Topsoil Classification

Project No: 20-0401-06C Figure



GRAIN SIZE - IIIII.							
9/ .3"	% G	ravel	% Sand			% Sand % Fines	
% +3"	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.1	4.8	1.3	3.8	6.5	83.5	

Test Results (ASTM C136 & ASTM C117)								
Opening Percent Spec.* Pass								
Size	Finer	(Percent)	(X=Fail)					
2.0"	100.0							
1-1/2"	100.0							
1"	99.9							
3/4"	99.9							
1/2"	98.2							
3/8"	97.0							
#4	95.1							
#8	94.0							
#10	93.8							
#16	92.9							
#30	91.3							
#50	88.3							
#100	85.4							
#200	83.5							
*								

	Material [	<u>Descriptio</u>	<u>n</u>	
silt with sand				
PL= NP	erberg Limit LL= NV		D 4318) Pl= 1	NΡ
USCS (D 2487)=		fication AASHTO (M	/l 145)=	A-4(0)
D ₉₀ = 0.4296 D ₅₀ = D ₁₀ =		icients 313	D ₆₀ = D ₁₅ = C _c =	
	Ren	narks		
Date Received:	6/11/2020	Date Te	estad:	6/16/2020
		_ Date 16	ssicu.	0/10/2020
Tested By:	J. Kogers			
Checked By:	B. Tiernan			
Title:	Laboratory Su	nervisor		

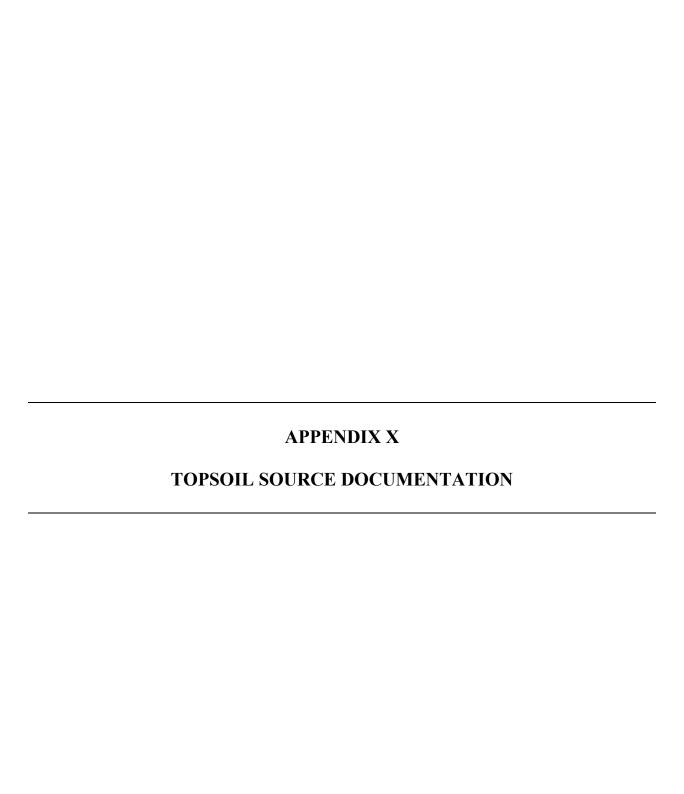
* (no specification provided)

Sample Number: SS-193 Date Sampled: 6/11/2020

PATRIOT ENGINEERING AND ENVIRONMENTAL, INC. Indianapolis, Indiana Client: Environmental Field Services

**Project:** Elliot Ditch Topsoil Classification

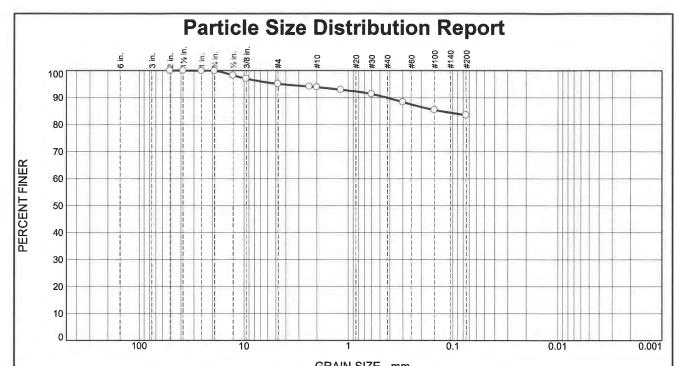
Project No: 20-0401-06C Figure





## ASTM D 5268 Topsoil Specifications

Deleterious Material	Specific	ation Limits
Sample weight:765.60_ g	Category	%
Weight of material retained on 2.00mm g % of original sample retained on 2.00mm 11.39 %	Deleterious (Material retained Organic matter	5% max I on 2.00mm) 3-10%
Organic Content	3	
Tare #5	Sand	20-60%
Tare + Dry weight 82.39 g	Silt/clay	35-70%
Dry Weight 43.64 g	рН	5.5 - 7.5
Tare + Ash weight 81.00 g % Organic Content 3.19 %	Project:	Elliiot Ditch
Particle Size Distribution	Client:	Environmental Field Services
Sand Content	Project number:	20-0401-06C
Clay/Silt Content 83.20 %	Date sampled:	6/11/2020
% Passing the 75um **	Sampled by:	Client
* % passing the #10 sieve and retained on the 75um = % sand	Date tested:	6/16/2020
** % passing the 75um = % clay/silt	Tested by:	J. Rogers
рН	Sample number:	
pH = <u>7.29</u>		



				IRAIN SIZE -	mm.		
% +3"	% Grav		% Sand			% Fir	
70 T3	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.1	4.8	1.3	3.8	6.5	83.5	

Opening	Percent	Spec.*	Pass?	
Size	Finer	(Percent)	(X=Fail)	
2.0"	100.0			
1-1/2"	100.0			
1"	99.9			
3/4"	99.9			
1/2"	98.2			
3/8"	97.0			
#4	95.1			
#8	94.0			
#10	93.8			
#16	92.9			
#30	91.3			
#50	88.3			
#100	85.4			
#200	83.5			

	Material	Description	
silt with sand			
PL= NP	erberg Limi LL= N	its (ASTM D 431 V PI=	8) NP
USCS (D 2487)=		sification AASHTO (M 145)	= A-4(0)
D ₉₀ = 0.4296 D ₅₀ = D ₁₀ =		1313 D ₆₀ = D ₁₅ = C _c =	:
	Re	marks	
Date Received:	5/11/2020	Date Tested:	6/16/2020
Tested By:			
	-		
Checked By:	B. Tiernan		

(no specification provided)

Sample Number: SS-193 Date Sampled: 6/11/2020

PATRIOT ENGINEERING AND ENVIRONMENTAL, INC. Indianapolis, Indiana Client: Environmental Field Services

Project: Elliot Ditch Topsoil Classification

**Project No:** 20-0401-06C

Figure

## **Topsoil PCB Analytical Results**

Elliott Ditch Levee Interim Measures Post Construction Report Arconic Lafayette Operations, Lafayette, Indiana

Sample ID	Date	PCB Aroclor (mg/Kg)							Total PCBs
Sample 1D	1016	1221	1232	1242	1248	1254	1260	(mg/Kg)	
ED-Topsoil - 1	6/11/2020	ND	ND	ND	ND	ND	ND	ND	ND
ED-Topsoil - 2	6/11/2020	ND	ND	ND	ND	ND	ND	ND	ND

#### NOTE:

ND = constituent was not detected above the laboratory method detection limit (1.00 mg/Kg).



6/22/2020

Civil & Environmental Consultants, Inc. Ms. Jenny Rickford O'Brien 2704 Cherokee Farm Way²Suite 101 Suite 101 Knoxville, TN, 37920

Ref: Analytical Testing

Lab Report Number: 20-164-0004

Client Project Description: Elliott Ditch - Levee Topsoil

Project No.:172-367

Dear Ms. Jenny Rickford O'Brien:

Waypoint Analytical, LLC. received sample(s) on 6/12/2020 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method. Where the laboratory was not responsible for the sampling stage (refer to the chain of custody) results apply to the sample as received.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule August 2017) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an asreceived basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

Andrea R Brownfield Project manager

Indrew Broungheld

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.





## **Certification Summary**

## Laboratory ID: WP MTN: Waypoint Analytical, LLC., Memphis, TN

Program	Lab ID	Expiration Date
State Program	40750	02/28/2021
State Program	AZ0816	08/30/2020
State Program	88-0650	02/07/2021
State Program	2904	05/10/2020
State Program	C044	02/18/2023
State Program	04015	06/30/2020
State Program - NELAP	200078	10/10/2020
State Program	80215	06/30/2020
State Program	KY90047	12/31/2020
State Program - NELAP	04015	06/30/2020
State Program	MS	05/10/2020
State Program	415	12/31/2020
State Program	9311	08/31/2020
State Program - NELAP	68-03195	05/31/2021
State Program	84002	06/30/2021
State Program	84002	06/30/2020
State Program	02027	02/11/2023
A2LA ISO 17025:2017	4313.01	10/31/2021
State Program - NELAP	T104704180	09/30/2020
State Program	00106	06/30/2020
State Program - NELAP	460181	09/14/2020
State Program	C1018	07/31/2020
	State Program State Program State Program State Program State Program State Program State Program State Program - NELAP State Program State Program - NELAP State Program State Program State Program State Program State Program State Program State Program State Program State Program State Program State Program State Program State Program State Program State Program State Program State Program A2LA ISO 17025:2017 State Program - NELAP State Program State Program	State Program         40750           State Program         AZ0816           State Program         88-0650           State Program         2904           State Program         C044           State Program - NELAP         200078           State Program         80215           State Program         KY90047           State Program - NELAP         04015           State Program         MS           State Program         9311           State Program - NELAP         68-03195           State Program         84002           State Program         84002           State Program         02027           A2LA ISO 17025:2017         4313.01           State Program - NELAP         T104704180           State Program - NELAP         T104704180           State Program - NELAP         460181

Page 1 of 1 00001/20-164-0004



## **Sample Summary Table**

Report Number: 20-164-0004

**Client Project Description:** Elliott Ditch - Levee Topsoil

**Project No.:172-367** 

Lab No	Client Sample ID	Matrix	Date Collected	Date Received
93047	ED-Topsoil-1	Solids	06/11/2020 14:45	06/12/2020
93048	ED-Topsoil-2	Solids	06/11/2020 14:46	06/12/2020



25226

Civil & Environmental Consultants, Inc.

Ms. Jenny Rickford O'Brien

2704 Cherokee Farm Way²Suite 101

Report Number: 20-164-0004

Sample ID: ED-Topsoil-1

Suite 101

Knoxville, TN 37920

Project Elliott Ditch - Levee Topsoil

Information: Project No.:172-367

Report Date: 06/22/2020 Received: 06/12/2020

Andrea R. Brownfield Project manager

**REPORT OF ANALYSIS** 

Sampled: 6/11/2020 14:45

Matrix: Solids 93047 Lab No:

Analytical Method: 8082A Prep Batch(es): **L497187** 06/18/20 17:30

Prep Method: 3540C							
Test	Results	Units	MQL	DF	Date / Time Analyzed	Ву	Analytical Batch
Aroclor 1016	<1.00	mg/Kg	1.00	1	06/19/20 14:22	VIC	L497363
Aroclor 1221	<1.00	mg/Kg	1.00	1	06/19/20 14:22	VIC	L497363
Aroclor 1232	<1.00	mg/Kg	1.00	1	06/19/20 14:22	VIC	L497363
Aroclor 1242	<1.00	mg/Kg	1.00	1	06/19/20 14:22	VIC	L497363
Aroclor 1248	<1.00	mg/Kg	1.00	1	06/19/20 14:22	VIC	L497363
Aroclor 1254	<1.00	mg/Kg	1.00	1	06/19/20 14:22	VIC	L497363
Aroclor 1260	<1.00	mg/Kg	1.00	1	06/19/20 14:22	VIC	L497363
Surrogate: Decachlorobiphenyl	:	106	Limits: 25-125%		1 06/19/20 14:2	22	L497363
Surrogate: Tetrachloro-m-xvlene	7	3.4	Limits: 25-125%		1 06/19/20 14:2	22	L497363

Qualifiers/ **Definitions**  DF

Dilution Factor

MQL



25226

Civil & Environmental Consultants, Inc.

Ms. Jenny Rickford O'Brien

2704 Cherokee Farm Way²Suite 101

Suite 101

Lab No:

Knoxville, TN 37920

Elliott Ditch - Levee Topsoil Project

Information: Project No.:172-367

Andrea R. Brownfield Project manager

Report Date: 06/22/2020

Received: 06/12/2020

**REPORT OF ANALYSIS** Report Number: 20-164-0004

Matrix: Solids

Sample ID: ED-Topsoil-2 Sampled: 6/11/2020 14:46

Analytical Method: 8082A Prep Batch(es): **L497187** 06/18/20 17:30

93048

Prep Method: 3540C							
Test	Results	Units	MQL	DF	Date / Time Analyzed	Ву	Analytical Batch
Aroclor 1016	<1.00	mg/Kg	1.00	1	06/19/20 14:44	VIC	L497363
Aroclor 1221	<1.00	mg/Kg	1.00	1	06/19/20 14:44	VIC	L497363
Aroclor 1232	<1.00	mg/Kg	1.00	1	06/19/20 14:44	VIC	L497363
Aroclor 1242	<1.00	mg/Kg	1.00	1	06/19/20 14:44	VIC	L497363
Aroclor 1248	<1.00	mg/Kg	1.00	1	06/19/20 14:44	VIC	L497363
Aroclor 1254	<1.00	mg/Kg	1.00	1	06/19/20 14:44	VIC	L497363
Aroclor 1260	<1.00	mg/Kg	1.00	1	06/19/20 14:44	VIC	L497363
Surrogate: Decachlorobiphenyl	6	3.5	Limits: 25-125%		1 06/19/20 14:4	14	L497363
Surrogate: Tetrachloro-m-xvlene	6	5.0	Limits: 25-125%		1 06/19/20 14:4	14	L497363

Qualifiers/ **Definitions**  DF

Dilution Factor

MQL

Method Quantitation Limit



### **Quality Control Data**

Client ID: Civil & Environmental Consultants, Inc.

**Project Description:** Elliott Ditch - Levee Topsoil

Report No: 20-164-0004

QC Prep: L497187 QC Analytical Batch(es): L497363
QC Prep Batch Method: 3540C Analysis Method: 8082A

**Analysis Description:** Polychlorinated Biphenyls (PCB's)

Matrix: SOL

Lab Reagent Blank LRB-L497187

Associated Lab Samples: 93047, 93048

Parameter	Units	Blank Result	MQL	Analyzed	% Recovery	% Rec Limits
Aroclor 1016	mg/Kg	<0.0066	0.0066	06/19/20 11:28		
Aroclor 1221	mg/Kg	<0.0066	0.0066	06/19/20 11:28		
Aroclor 1232	mg/Kg	<0.0066	0.0066	06/19/20 11:28		
Aroclor 1242	mg/Kg	<0.0066	0.0066	06/19/20 11:28		
Aroclor 1248	mg/Kg	<0.0066	0.0066	06/19/20 11:28		
Aroclor 1254	mg/Kg	<0.0066	0.0066	06/19/20 11:28		
Aroclor 1260	mg/Kg	<0.0066	0.0066	06/19/20 11:28		
Decachlorobiphenyl (S)				06/19/20 11:28	78.5	25-125
Tetrachloro-m-xylene (S)				06/19/20 11:28	67.0	25-125

Laboratory Control Sample

LCS-L497187

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Aroclor 1016	mg/Kg	0.167	0.127	76.0	50-125
Aroclor 1260	mg/Kg	0.167	0.145	86.8	50-125
Decachlorobiphenyl (S)				72.0	25-125
Tetrachloro-m-xylene (S)				68.5	25-125

**Matrix Spike & Matrix Spike Duplicate** 

L 93048-MS-L497187

L 93048-MSD-L497187

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Aroclor 1016	mg/Kg	<0.0066	0.167	0.166	0.175	0.166	105	100	40-140	5.2	30
Aroclor 1260	mg/Kg	<0.0066	0.167	0.166	0.198	0.191	119	115	40-140	3.5	30
Decachlorobiphenyl (S)							99.0	94.4	25-125		
Tetrachloro-m-xylene (S)							90.0	85.9	25-125		

Date: 06/22/2020 12:42 PM



#### **Shipment Receipt Form**

Customer Number: 25226

Customer Name: Civil & Environmental Consultants, Inc.

Report Number: 20-164-0004

#### **Shipping Method**

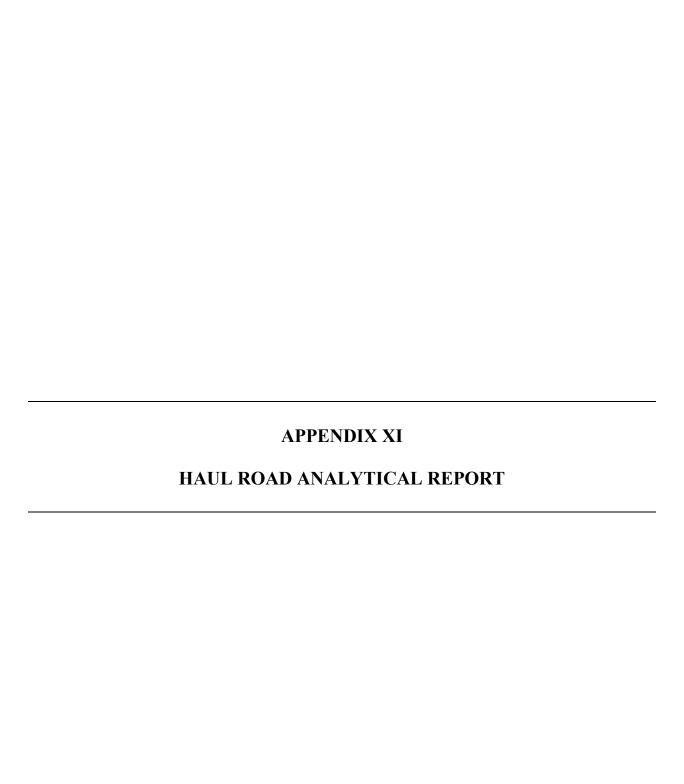
Fed Ex	O US Postal	◯ Lab		Other:	
UPS	Client	O Couri	er	Thermometer ID:	#100
Shipping conta	iner/cooler uncomprom	ised?	Yes	○ No	,
Number of coo	lers/boxes received		2		
Custody seals	intact on shipping conta	iner/cooler?	Yes	○ No	O Not Present
Custody seals	intact on sample bottles	5?	O Yes	○ No	Not Present
Chain of Custo	dy (COC) present?		Yes	○ No	
COC agrees w	ith sample label(s)?		Yes	○ No	
COC properly of	completed		Yes	○ No	
Samples in pro	per containers?		Yes	○ No	
Sample contair	ners intact?		Yes	○ No	
Sufficient samp	ole volume for indicated	test(s)?	Yes	○ No	
All samples red	ceived within holding tim	ne?	Yes	○ No	
Cooler tempera	ature in compliance?		Yes	○ No	
	s arrived at the laborato considered acceptable egun.		Yes	○ No	
Water - Sample	e containers properly pr	eserved	O Yes	○ No	● N/A
Water - VOA vi	als free of headspace		O Yes	○ No	● N/A
Trip Blanks rec	eived with VOAs		O Yes	○ No	● N/A
Soil VOA metho	od 5035 – compliance c	riteria met	O Yes	○ No	● N/A
High conce	ntration container (48 h	r)	Lo	w concentration EnC	Core samplers (48 hr)
High concer	ntration pre-weighed (m	ethanol -14 c	l) Lo	w conc pre-weighed	vials (Sod Bis -14 d)
Special precau	tions or instructions incl	luded?	O Yes	● No	
Comments:					

Page 7 of 8

Date & Time: 06/12/2020 10:14:30

Signature: Kristina A. McAdams

Ą	Matrix Key WW – Wastewater GW – Groundwater DW – Drinking Water S – Soil /Solid O – Oil P - Product M - Misc		rch	Cool < 10C Na252O3 (Micro Only) Cool <= 6C H2504 pH<2 None Required NaOH pH>10 HNO3 pH<2 HCL pH<2 Cool <= 6C NA252O3	Comments/Notes			7		sampling!	Date Time	Date Time	Date Time
For Laboratory Use Only	Matrix Key WW - Wastewater DW - Drinking Water P - Product M - Misc	Site/Facility ID #	Siliat Ditch	A Cool < 10C Na2 B Cool <= 6C C H2SO4 pH<2 D None Required E NaOH pH>10 F HNO3 pH<2 G HCL pH<2 G HCL pH<2 I Cool <= 6C NA2	Comi			20-164-0004 25226 06-12-2020 09:54:43		incremental	VTURE)	ATURE)	ATURE)
For La	Method of Shipment Fed Ex UPS USPS Courier Client Drop Off Other	Purchase Order Number			Required Analysis / Preservative			 Civil & Environmental Consultants, Inc.		Do not composite via incremental sampling	Date Time Received by: (SIGNATURE)	Date Time Received by: (SIGNATURE)	Date Time Received by: (SIGNATURE)
invoice send to government	RUSH – Additional charges apply Special Detection Limit(s) Date Results Needed	Project Manager Email	gooden@ recinc.com	Irab or (C)omposite  POS2 - Nocs		X	★			O'Brien)	Relinguished by: (SIGNATURE)	Relinquighed by: (SIGNATURE)	Relinquished by: (SIGNATURE)
	/State)	d		umber of Containers	M	1 3 6	0			Sampled by (Name - Print)	Relingalshed b	Relinquighed b	Relinquished b
Garret Melch Jenny O'Brien	Project/Site Location (City/State)	Project Manager Phone #	865-440-165S	Unless noted, all containers per Table II of 40 CFR Part 136.	Sample Identification	1	7-			Only Lab Comments	Toology of	S/Coon;	Mahieres
Civil + Environmental Consultants	en-Levæ		1	Soint Wasad N 38133	Sample	1- Lossal -1	SD-Topsoil			For Laboratory Use Only Custody Lab	N. C.		+(2) +(2)
Civil + Envivol	Project Description Ellioth Ditch-Levee Topson	Project Number	172367	Waypoint ANALYTICA 2790 Whitten Road Memphis, TN 38133 (901) 213-2400	Date Time	VIII 1445	गमा ।।/व				Z (S	Cooler T	1.44.



### **Haul Road Sampling Results**

Elliott Ditch Levee Interim Measures Post Construction Report Arconic Lafayette Operations, Lafayette, Indiana

Samula ID	Data		<b>Total PCBs</b>						
Sample ID	Date	1016	1221	1232	1242	1248	1254	1260	(mg/Kg)
ED-HR>50	7/22/2020 11:05	ND	ND	ND	ND	ND	ND	ND	ND
ED-HR Exit	7/22/2020 11:00	ND	ND	ND	ND	ND	ND	ND	ND

ND = constituent was not detected above the laboratory method detection limit (1.00 mg/Kg).



7/30/2020

Civil & Environmental Consultants, Inc. Ms. Jenny Rickford O'Brien 2704 Cherokee Farm Way²Suite 101 Suite 101 Knoxville, TN, 37920

Ref: Analytical Testing

Lab Report Number: 20-205-0146

Client Project Description: Elliott Ditch Haul Road

Project No.: 172-367

Dear Ms. Jenny Rickford O'Brien:

Waypoint Analytical, LLC. received sample(s) on 7/23/2020 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method. Where the laboratory was not responsible for the sampling stage (refer to the chain of custody) results apply to the sample as received.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule August 2017) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an asreceived basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

Andrea R Brownfield Project manager

Indrew Broungheld

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.





### **Certification Summary**

### Laboratory ID: WP MTN: Waypoint Analytical, LLC., Memphis, TN

State	Program	Lab ID	Expiration Date
Alabama	State Program	40750	02/28/2021
Arizona	State Program	AZ0816	08/30/2020
Arkansas	State Program	88-0650	02/07/2021
California	State Program	2904	05/10/2020
Florida	State Program - NELAP	E871157	06/30/2021
Georgia	State Program	C044	02/18/2023
Georgia	State Program	04015	06/30/2021
Illinois	State Program - NELAP	200078	10/10/2020
Kentucky	State Program	80215	06/30/2021
Kentucky	State Program	KY90047	12/31/2020
Louisiana	State Program - NELAP	LA037	12/31/2020
Louisiana	State Program - NELAP	04015	06/30/2021
Mississippi	State Program	MS	02/11/2023
North Carolina	State Program	415	12/31/2020
Oklahoma	State Program	9311	08/31/2020
Pennsylvania	State Program - NELAP	68-03195	05/31/2021
South Carolina	State Program	84002	06/30/2021
South Carolina	State Program	84002	06/30/2020
Tennessee	State Program	02027	02/11/2023
Tennessee	A2LA ISO 17025:2017	4313.01	10/31/2021
Texas	State Program - NELAP	T104704180	09/30/2020
Virginia	State Program	00106	06/30/2021
Virginia	State Program - NELAP	460181	09/14/2020
Washington	State Program	C1018	07/31/2020

Page 1 of 1 00001/20-205-0146



#### **Sample Summary Table**

**Report Number:** 20-205-0146

Client Project Description: Elliott Ditch Haul Road Project No.: 172-367

 Lab No
 Client Sample ID
 Matrix
 Date Collected
 Date Received

 94472
 ED-HR>50
 Solids
 07/22/2020 11:05
 07/23/2020

 94473
 ED-HR Exit
 Solids
 07/22/2020 11:00
 07/23/2020



25226

Civil & Environmental Consultants, Inc.

Ms. Jenny Rickford O'Brien

2704 Cherokee Farm Way²Suite 101

Report Number: 20-205-0146

Suite 101

Knoxville, TN 37920

Sample ID: ED-HR>50

Project Elliott Ditch Haul Road

Information: Project No.: 172-367

Report Date: 07/30/2020 Received: 07/23/2020

Andrea R. Brownfield Project manager

**REPORT OF ANALYSIS** 

Matrix: Solids

Sampled: 7/22/2020 11:05

94472 Lab No:

Analytical Method: 8082A Prep Batch(es): **L503600** 07/28/20 17:00

Prep Method: 35400							
Test	Results	Units	MQL	DF	Date / Time Analyzed	Ву	Analytical Batch
Aroclor 1016	<1.00	mg/Kg	1.00	1	07/30/20 01:24	VIC	L503949
Aroclor 1221	<1.00	mg/Kg	1.00	1	07/30/20 01:24	VIC	L503949
Aroclor 1232	<1.00	mg/Kg	1.00	1	07/30/20 01:24	VIC	L503949
Aroclor 1242	<1.00	mg/Kg	1.00	1	07/30/20 01:24	VIC	L503949
Aroclor 1248	<1.00	mg/Kg	1.00	1	07/30/20 01:24	VIC	L503949
Aroclor 1254	<1.00	mg/Kg	1.00	1	07/30/20 01:24	VIC	L503949
Aroclor 1260	<1.00	mg/Kg	1.00	1	07/30/20 01:24	VIC	L503949
Surrogate: Decachloro	biphenyl 7	5.9	Limits: 25-125%		1 07/30/20 01:2	24 VIC	L503949
Surrogate: Tetrachloro	-m-xylene 7	6.4	Limits: 25-125%		1 07/30/20 01:2	24 VIC	L503949

Qualifiers/ **Definitions**  DF

Dilution Factor

MQL

Method Quantitation Limit



25226

Civil & Environmental Consultants, Inc.

Ms. Jenny Rickford O'Brien

2704 Cherokee Farm Way²Suite 101

Report Number: 20-205-0146

Suite 101

Knoxville, TN 37920

Sample ID : ED-HR Exit

Project Elliott Ditch Haul Road

Information: Project No.: 172-367

Report Date: 07/30/2020 Received: 07/23/2020

Andrea R. Brownfield Project manager

REPORT OF ANALYSIS

riv: Colida

Sampled: 7/22/2020 11:00

Lab No : 94473 Matrix: Solids

81.6

Analytical Method: 8082A Prep Batch(es): L503600 07/28/20 17:00 3540C Prep Method: Test Results Units MQL DF Date / Time Ву **Analytical** Analyzed **Batch** Aroclor 1016 mg/Kg <1.00 1.00 1 07/30/20 01:46 VIC L503949 Aroclor 1221 mg/Kg <1.00 1.00 1 07/30/20 01:46 VIC L503949 Aroclor 1232 mg/Kg <1.00 1.00 1 07/30/20 01:46 VIC L503949 Aroclor 1242 <1.00 mg/Kg 1.00 1 07/30/20 01:46 VIC L503949 Aroclor 1248 <1.00 mg/Kg 1 07/30/20 01:46 VIC 1.00 L503949 Aroclor 1254 <1.00 mg/Kg 1.00 1 07/30/20 01:46 VIC L503949 Aroclor 1260 <1.00 mg/Kg 1.00 1 07/30/20 01:46 VIC L503949 Surrogate: Decachlorobiphenyl 64.3 Limits: 25-125% 1 07/30/20 01:46 VIC L503949

Qualifiers/ Definitions DF

Surrogate: Tetrachloro-m-xylene

**Dilution Factor** 

MQL

Limits: 25-125%

Method Quantitation Limit

1 07/30/20 01:46 VIC

L503949



### **Quality Control Data**

Client ID: Civil & Environmental Consultants, Inc.

Project Description: Elliott Ditch Haul Road

Report No: 20-205-0146

QC Prep: L503600 QC Analytical Batch(es): L503949 QC Prep Batch Method: 3540C Analysis Method: 8082A

Analysis Description: Polychlorinated Biphenyls (PCB's)

Lab Reagent Blank

LRB-L503600

Matrix: SOL

Associated Lab Samples: 94472, 94473

Parameter	Units	Blank Result	MQL	Analyzed	% Recovery	% Rec Limits
Aroclor 1016	mg/Kg	<0.0066	0.0066	07/29/20 23:59		
Aroclor 1221	mg/Kg	<0.0066	0.0066	07/29/20 23:59		
Aroclor 1232	mg/Kg	<0.0066	0.0066	07/29/20 23:59		
Aroclor 1242	mg/Kg	<0.0066	0.0066	07/29/20 23:59		
Aroclor 1248	mg/Kg	<0.0066	0.0066	07/29/20 23:59		
Aroclor 1254	mg/Kg	<0.0066	0.0066	07/29/20 23:59		
Aroclor 1260	mg/Kg	<0.0066	0.0066	07/29/20 23:59		
Decachlorobiphenyl (S)				07/29/20 23:59	64.0	25-125
Tetrachloro-m-xylene (S)				07/29/20 23:59	76.0	25-125

**Laboratory Control Sample** 

LCS-L503600

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Aroclor 1016	mg/Kg	0.167	0.102	61.0	50-125
Aroclor 1260	mg/Kg	0.167	0.0886	53.0	50-125
Decachlorobiphenyl (S)				75.5	25-125
Tetrachloro-m-xylene (S)				79.5	25-125

**Matrix Spike & Matrix Spike Duplicate** 

L 94472-MS-L503600

L 94472-MSD-L503600

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Aroclor 1016	mg/Kg	<0.0066	0.164	0.162	0.156	0.164	95.1	101	40-140	5.0	30
Aroclor 1260	mg/Kg	<0.0066	0.164	0.162	0.170	0.172	104	106	40-140	1.1	30
Decachlorobiphenyl (S)							80.2	78.4	25-125		
Tetrachloro-m-xylene (S)							85.7	80.5	25-125		

Date: 07/30/2020 04:23 PM

Page 1 of 1



#### **Shipment Receipt Form**

Customer Number: 25226

Customer Name: Civil & Environmental Consultants, Inc.

20-205-0146 Report Number:

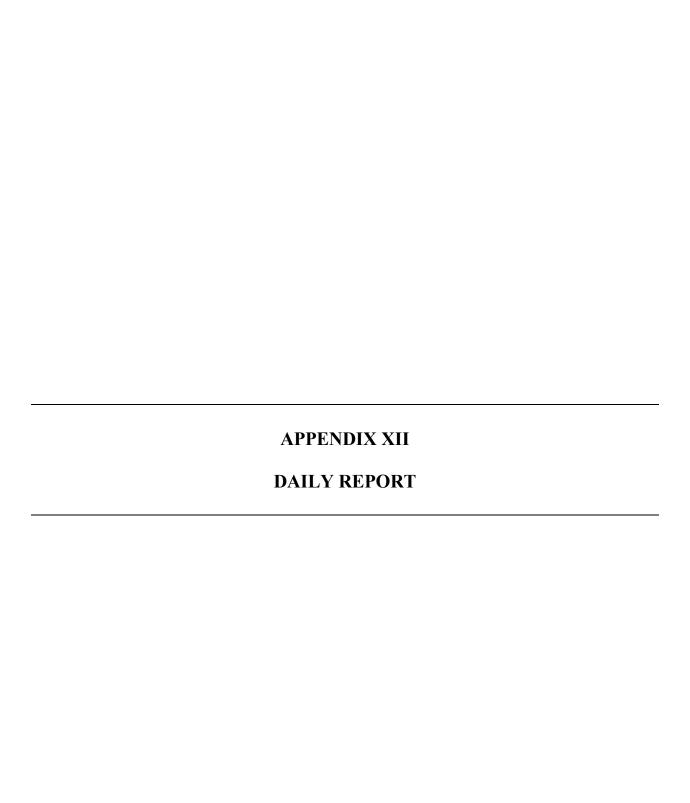
		Snipp	ing Method		
Fed Ex	O US Postal	◯ Lab		Other :	
UPS	Client	○ Cou	rier	Thermometer ID:	#102
Shipping contain	ner/cooler uncomprom	ised?	Yes	○ No	
Number of coole	ers/boxes received		1		
Custody seals in	ntact on shipping conta	iner/cooler?	Yes	○ No	O Not Present
Custody seals in	ntact on sample bottles	?	O Yes	○ No	Not Present
Chain of Custod	y (COC) present?		Yes	○ No	
COC agrees with	h sample label(s)?		Yes	○ No	
COC properly co	ompleted		Yes	○ No	
Samples in prop	er containers?		O Yes	No	
Sample containe	ers intact?		Yes	○ No	
Sufficient sample	e volume for indicated	test(s)?	Yes	○ No	
All samples rece	eived within holding tim	ie?	Yes	○ No	
Cooler temperat	ure in compliance?		Yes	○ No	
	arrived at the laborato onsidered acceptable gun.		Yes	○ No	
Water - Sample	containers properly pr	eserved	O Yes	○ No	● N/A
Water - VOA via	ls free of headspace		O Yes	○ No	● N/A
Trip Blanks rece	eived with VOAs		O Yes	○ No	● N/A
Soil VOA method 5035 – compliance criteria met			O Yes	○ No	● N/A
High concentration container (48 hr)			☐ Lo\	w concentration EnC	ore samplers (48 hr)
High concent	tration pre-weighed (m	ethanol -14	d) Lov	w conc pre-weighed	vials (Sod Bis -14 d)
Special precauti	ons or instructions inc	uded?	O Yes	● No	
Comments: Sa	amples were received	in bags for	PCB's. Appr	oval to analyze sam	oles.

Page 7 of 8

Date & Time: 07/23/2020 13:54:45

Signature: Tory Phillips

8





2704 Cherokee Farm Way, Suite 101 Knoxville, Tennessee 37920

P: (865) 977-9997 F: (865) 977-9919

PAGE	1	OF 4	

DATE: 3/9/2020

**REPORT NO: 1** 

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 50-60F, cloudy

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Inc.	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☐ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Excavator: Doosen Track Excavator 140 w/ thumb

Haul Trucks: None

Passenger Vehicles: 9 vehicles (2 – Kramer, 1 – CEC, 2 – Bloodhound, 4 – EFS)

<u>Miscellaneous Equipment:</u> Bandit Tree Chipper Other: 1 Porta-John and 1 Hand Wash Station

#### **MATERIAL DELIVERED ONSITE:**

No materials delivered on site		

#### **OBSERVATIONS:**

#### Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Adam Herrmann (AH), Conner Hedderick (CH), Andrew Chapman (AC), Honore Ayro (HA), Greg Utz (GU)
- Kramer (a/k/a C.A.S., Tree Clearing) Brett Kramer (BK), James Hendrickson (JH), Gary Kramer (GK), Phillip Mosier (PM)
- Bloodhound (Utility Locating) Roger Gruiser (RG)

PAGE 2 OF 4

DATE: 3/9/2020

REPORT NO: 1

#### Onsite Activities:

- CEC arrives onsite at 0745. BK and EFS team onsite.
- EFS began site activities with a safety briefing. All attendees sign-off on EFS' HASP. The Tree Cutting JSA was signed.
- EFS and CEC conducted a site walkthrough of the levee to show Kramer the tree cutting area.
- Kramer off-loaded their equipment for tree clearing activities. Equipment included a wood chipper and excavator
  with a thumb. Right lane of traffic on Concord Road was temporarily shut down during the equipment delivery.
  EFS served as flaggers and used signs during the road shutdown. Dirt and debris was cleaned up after the unloading
  of the equipment.
- GU (EFS) leaves site around 1000
- A Port-A-John and hand wash station was delivered.
- Kramer conducted pre-job inspections on equipment.
- CEC and EFS staked out the tree cutting area. Areas were estimated based on remediation drawings (revised 2/19/2020). Area to be confirmed by EFS's Surveyor. A 10-15 foot buffer was given to allow for t fence line clearing.
- BK (Kramer) leaves site around 1030.
- AH (EFS) leaves site around 1230.
- EFS marked 8 manholes.
- Kramer began tree cutting around 1030, stopped for lunch, and resumed around 1300. Cleared into Area B (refer to excavation overview drawing C200).
- CEC, EFS, and Kramer depart site at 1715.

#### **CONTRACT LINE ITEMS PERFORMED:**

### 2.0 - Mobilization

#### 3.0 – Site Preparation

- 3.1 Utility Locating
- 3.2 Clearing and Grubbing

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety briefing with all personnel. EFS discussed hazards in
  relation to the project work, such as tree cutting safety, slip trips and falls, and rainy weather. Cards with language
  on how to direct emergency response to the project site were distributed to all personnel. Emergency response
  procedures and the nearest hospital location were discussed. All personnel participated in the discussions and signed
  off on the HASP. EFS also discussed the Tree Clearing JSA with personnel; tree cutting personnel signed off on
  the Tree Cutting JSA.
- CRP signage onsite and will be installed once weather permits.

### **UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:**

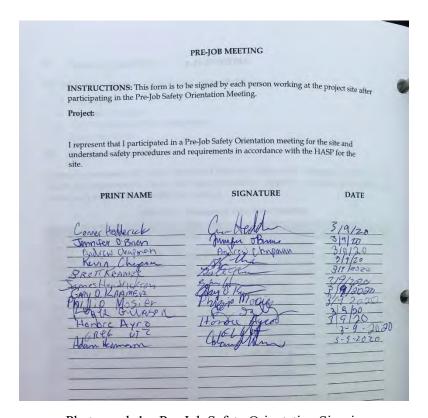
None

PAGE 3 OF 4

DATE: 3/9/2020

REPORT NO: 1

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.



Photograph 1 – Pre-Job Safety Orientation Sign-in



PAGE 4 OF 4

DATE: 3/9/2020

REPORT NO: 1

Photograph 2 – Offloading Tree Cutting Equipment



Photograph 3 – Tree Cutting



2704 Cherokee Farm Way, Suite 101 Knoxville, Tennessee 37920

P: (865) 977-9997 F: (865) 977-9919

PAGE 1 OF 5

DATE: 3/10/2020

**REPORT NO: 2** 

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	<b>WEATHER:</b> 50F, morning showers & cloudy

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Inc.	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☐ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS	

### **EQUIPMENT ONSITE:**

Excavator: Doosen Track Excavator 140 w/ thumb

Skid-steer: CAT 279D, Deere 333E w/ Brush-Hog Attachment

Haul Trucks: None

<u>Passenger Vehicles:</u> 5 vehicles (1 – Kramer, 1 – CEC, 2 – EFS, 1 – Fisher)

Miscellaneous Equipment: Bandit Tree Chipper

#### **MATERIAL DELIVERED ONSITE:**

Stone: Virgin sourced (as required by 3.2.7 of EFS Work Plan)

- #2 Stone -3 deliveries = 62.61 ton
- #53 stone -2 deliveries = 42.05 ton

#### **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Conner Hedderick (CH), Andrew Chapman (AC), Honore Ayro (HA)
- Kramer (a/k/a C.A.S., Tree Clearing) James Hendrickson (JH), Gary Kramer (GK), Phillip Mosier (PM)

PAGE 2 OF 5

DATE: 3/10/2020

REPORT NO: 2

• Fisher (Survey) – Larry Jones (LJ)

#### Onsite Activities:

- CEC and Kramer arrived onsite at 0745. EFS arrived at 0750.
- EFS began site activities with a daily tailgate safety meeting. All attendees sign-off on EFS's tailgate meeting form
- Kramer conducted pre-job inspections on equipment. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- Rain delayed the start of tree cutting work. Kramer began tree cutting at 1000, stopped for lunch, and resumed around 1320.
- Fisher arrived onsite at 1000. LJ completed staking of project area, specifically dig area, no dig, and fence line.
- A brush-hog was delivered onsite with EFS coordinating delivery. Right lane of traffic on Concord Road was shut down during delivery. EFS served as flaggers during the closure.
- Virgin stone (#2 and #53 stone) was delivered to the site to be installed near the entrance along Concord Road. EFS graded the stone following delivery.
- LJ (Fisher) leaves site around 1515.
- KC and JO went to scope out the secondary truck entrance and haul road route along the Winsted and Patton properties (Olympia Drive/Olympia Court). Patton currently has materials (i.e. pipes, hoses, dump buckets, electrical pole, and barrier wall) in the clearing/haul road area. KC and JO met with Mr. Duffy Anthrop, with Patton, and explained that the tree clearing process in support of Levee cleanup activities was underway and it would be helpful if the materials could be moved. Some more permanent items (i.e. the light pole and barrier wall) will require further discussion/coordination. JO indicated that CEC will coordinate with Patton as tree clearing gets closer to their property. JO to update communication log.
- The tree chipper experienced potential mechanical issues requiring chipping activities to be halted. EFS suspects the tree chipper will be available for use on March 11, 2020.
- Approximately, 750 feet has been cut with 575 feet cleared and mulched.
- CEC, EFS, and Kramer departed site at 1745.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 2.0 - Mobilization

#### 3.0 – Site Preparation

• 3.2 – Clearing and Grubbing

#### 7.0 – Construction Survey

- 7.1 Establishment of Survey Control
- 7.2 Pre-project Survey

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

Prior to the start of work activities, EFS conducted a safety tailgate meeting. EFS asked about any safety issues
developed during yesterday's work. They also discussed hazards in relations to today's work, such as tree cutting
safety, slip trips and falls, and rainy weather. All personnel participated in the discussions and signed off on the
tailgate form. The Tree Cutting JSA was summarized again and personnel signed off on the Tree Cutting JSA. EFS

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also gave Kramer equipment inspection documents for them to complete prior to using equipment. EFS and Kramer also discussed expected site deliveries of rock & dirt for the parking area, a skid-steer, and a brush-hog.

- The weekly project call was conducted by CEC with EFS and Arconic. Meeting notes to follow.
- Discussion with Mr. Anthrop, Patton, as described above.
- Call between KC, JO and Garrett Welch occurred to discuss that the current driveway will need to stay open during the driveway expansion. It was proposed to move the driveway expansion south of the current driveway.
- Call between KC, JO, and Garrett Welch occurred to clarify the route for the secondary truck entrance on Beth Winstead's property (R&B Management).

### **UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:**

None

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### **PHOTOGRAPHS**



Photograph 1 – Surveyor (Fisher) Onsite

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Photograph 2 – #2 Stone Delivery



Photograph 3 – Grading Stone near the Concord Road Entrance



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DATE: 3/11/2020

**REPORT NO: 3** 

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	<b>WEATHER:</b> 40F, morning showers & cloudy

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Inc.	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☐ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Excavator: Doosen Track Excavator 140 w/ thumb

Skid-steer: CAT 279D; Deer 333E w/ Brush-Hog Attachment

**Dump Trucks:** None

<u>Passenger Vehicles:</u> 4 vehicles (1 – Kramer, 1 – CEC, 2 – EFS)

Miscellaneous Equipment: Bandit Tree Chipper

#### **MATERIAL DELIVERED ONSITE:**

Fuel – Kramer scheduled a fuel delivery for their equipment

#### **OBSERVATIONS:**

#### Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Conner Hedderick (CH), Andrew Chapman (AC), Honore Ayro (HA)
- Kramer (a/k/a C.A.S.) James Hendrickson (JH), Gary Kramer (GK), Phillip Mosier (PM)

#### Onsite Activities:

• CEC arrived onsite at 0745. EFS and Kramer arrived at 0750.

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- A fuel truck arrived onsite to fuel Kramer's equipment.
- EFS began site activities with a daily tailgate safety meeting. All attendees sign-off on EFS's tailgate meeting form.
- Kramer conducted pre-job inspections on equipment. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- Kramer mowed the brush along the haul road markers. Tree chipper use began at 1400.
- EFS offset the southern levee boundary stakes in case the original stakes were damaged.
- JO and KC met with Ritch Winstead to discuss the haul road route on R&B Management property. JO explained that the proposed entrance on his property will only be used for material delivery and empty trucks; excavated material will be leaving the site on Concord Road. JO and KC pointed out a few items that would need to be moved, such as bricks and material along the back end. Mr. Winstead said that was fine, but might need help with moving materials. The truck trailer parked south of the building, along the entrance of the site is being rented and might not be able to be moved. The black standpipe pipe along the west portion of the property can be removed. Mr. Winstead is okay with the potential Y road design and with tarping trucks on the property. Mr. Winstead mentioned that there is an agreement with the adjoining neighborhood (across Elliott Ditch) that the trees needed to be present. Mr. Winstead said he look into providing CEC a copy of the agreement. JO took site condition pictures.
- EFS installed the CRP signage.
- KC & AH (EFS) departed site around 1645.
- Kramer cleared up to Area D (refer to excavation overview drawing C200). Kramer parked equipment along R&B Management property for the night.
- CEC, EFS (AC & CH), and Kramer departed site at 1805.

### **CONTRACT LINE ITEMS PERFORMED:**

2.0 - Mobilization

3.0 – Site Preparation

• 3.2 – Clearing and Grubbing

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. EFS asked about any safety issues during yesterday's work that needed to be discussed. They also discussed hazards in relation to today's work, such as tree cutting safety, such as staying back at least 200 ft. from brush hog. All personnel participated in the discussions and signed off on the tailgate meeting form.
- Discussion with Mr. Winstead as detailed above.
- Call with Garrett Welch, JO and KC to re-cap meeting with Mr. Winstead.

### **UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:**

None

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### **PHOTOGRAPHS**



Photograph 1 – Skid-steer w/ Brush-Hog Attachment

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Photograph 2 – Installing CRP Sign along Concord Road



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DATE: 3/12/2020

**REPORT NO: 4** 

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 40-50F, Cloudy

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Inc.	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☐ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Excavator: Doosen Track Excavator 140 w/ thumb

Skid-steer: CAT 279D; Deer 333E w/ Brush-Hog Attachment

**Dump Trucks:** None

<u>Passenger Vehicles:</u> 5 vehicles (1 – Kramer, 1 – CEC, 3 – EFS)

Miscellaneous Equipment: Bandit Tree Chipper

#### **MATERIAL DELIVERED ONSITE:**

No expected deliveries onsite.
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#### **OBSERVATIONS:**

#### Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Conner Hedderick (CH), Andrew Chapman (AC), Adam Herrmann (AH),
- Kramer (a/k/a C.A.S.) James Hendrickson (JH), Gary Kramer (GK), Phillip Mosier (PM)

#### Onsite Activities:

• CEC arrived onsite at 0750. Kramer already onsite. EFS arrived at 0755.

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- EFS began site activities with a daily tailgate safety meeting. All attendees sign-off on EFS's tailgate meeting form.
- Kramer conducted pre-job inspections on equipment. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- JO called Mr. Duffy Anthrop, of Patton Construction, to let him know that the crew is expected to be on property to clear trees today. Mr. Anthrop informed JO that he had a crew moving materials out of the tree clearing area. JO updated communications log.
- Kramer began work at 0845. The spill kit and fire extinguisher were moved to the R&B Management Property to be available, if needed.
- JO takes additional pre-project pictures of the R&B Management property and Olympia Ct cul-de-sac.
- JO, KC, and CH walked along the cleared area to determine progress. No root balls were observed to be removed from the levee. Areas with potential erosion concerns were addressed. Equipment is mostly making tracks, not ruts, in ground to the east of levee. KC, with input from JO, marked an additional tree along levee edge with ditch that will need to be removed.
- EFS offset the northern levee boundary stakes in case the original stakes were damaged.
- AH (EFS) arrived onsite around 1530 to drop off original, signed bond for delivery to the City of Lafayette. AH reviewed the tailgate documentation for the day and signed off. Following delivery of the signed bond, AH walked the site to assess the work activities. AH departed site after delivery and site walk.
- JO delivered bond to the City Engineering office.
- KC (EFS) departed site 1640.
- Kramer finished brush-hogging and cleared up to Area E (refer to excavation overview drawing C200). Kramer parked equipment along R&B Management property for the night.
- CEC, EFS, and Kramer departed site at 1715.

#### **CONTRACT LINE ITEMS PERFORMED:**

2.0 - Mobilization

3.0 - Site Preparation

• 3.2 – Clearing and Grubbing

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of any work onsite, EFS conducted a safety tailgate meeting. EFS asked about any safety issues/concerns from yesterday's work. They also discussed hazards in relations to today's work, such as wearing PPE, being cautious of the cable line in the cutting area. It was also discussed that Kramer will be fueling equipment from truck fuel tank on R&B Management property. The spill kit and fire extinguisher will be moved to that location. All personnel participated in the discussions and signed off on the tailgate meeting form.
- Call with Mr. Anthrop as detailed above.

#### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:

None

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#### **PHOTOGRAPHS**



Photograph 1 – Tree Cutting

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Photograph 2 – Clearing Progress



Photograph 3 – Marking Additional Trees for Removal



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DATE: 3/13/2020

REPORT NO: 5

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 30-40F, Clear

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Inc.	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☐ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Excavator: Doosen Track Excavator 140 w/ thumb,

Dozer: CAT D5 LPG Dozer

Skid-steer: CAT 279D w/ Grapple Attachment; Deer 333E w/ Brush-Hog Attachment

**Dump Trucks:** None

Passenger Vehicles: 6 vehicles (1 – Kramer, 1 – CEC, 4 – EFS)

Miscellaneous Equipment: Bandit Tree Chipper

#### **MATERIAL DELIVERED ONSITE:**

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No expect	ed de	liver	ies on	site
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#### **OBSERVATIONS:**

### Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Conner Hedderick (CH), Andrew Chapman (AC), Brian Chapman (BC)
- Kramer (a/k/a C.A.S.) James Hendrickson (JH), Gary Kramer (GK), Phillip Mosier (PM)

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#### Onsite Activities:

- CEC arrived onsite at 0750. Kramer already onsite. EFS arrived at 0755.
- EFS began site activities with a daily tailgate safety meeting. All attendees sign-off on EFS's tailgate meeting form.
- Kramer conducted pre-job inspections on equipment. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- Kramer began work around 0830.
- BC arrived onsite around 0845 to operate the dozer for mulch spreading activities.
- EFS off-loaded the grapple skid attachment and dozer for mulch spreading activities. The grapple attachment was offloaded at the site entrance on Concord Road. Right lane of traffic on Concord Road was temporarily shut down during the delivery. EFS served as flaggers and used signs during the road shutdown. The dozer was offloaded at the R&B Management property to decrease the amount of ground disturbance.
- Public utility locator onsite along Concord Road to mark utilities in proximity to the driveway expansion location.
- EFS placed straw bales along the drainage outlets behind R&B Management and Patton Construction.
- Lamar Advertising Company (Lamar) came onsite around 1300 to remove a billboard sign on property owned by Tippecanoe County, LLC. Lamar's work was conducted away from tree clearing activities.
- JO left a message with Mr. Duffy Anthrop, of Patton Construction, to let him know that tree cutting would be completed on Patton's property on Monday (3/16). JO requested that Patton move their trucks along the tree line. JO stated she will call Mr. Anthrop again Monday morning.
- EFS replaced additional stakes that were damaged during the tree cutting.
- CH (EFS) departed site around 1530.
- EFS and Kramer departed site around 1600.
- Kramer cleared into Area E (refer to excavation overview drawing C200) and circled back to cut trees that were initially missed. Kramer parked equipment along R&B Management property for the weekend.
- CEC departed site at 1615.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 2.0 - Mobilization

#### 3.0 – Site Preparation

- 3.1 Utility Locating
- 3.2 Clearing and Grubbing

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of any work onsite, EFS conducted a safety tailgate meeting. EFS asked about any safety issues developed during yesterday's work. They also discussed hazards in relations to today's work, such as it being Friday and the need to avoid complacency as the weekend approaches. They also mentioned that mulch spreading will be occurring on the northeast end of site, while tree clearing occurs on the southwest end. The tree clearing personnel and mulching personnel need to be aware of each other and communicate during the process. EFS is expecting a delivery of the grapple attachment and dozer for mulch spreading. All personnel participated in the discussions and signed off on the tailgate meeting form.
- EFS conducted the safety briefing and review of the HASP with BC prior to any of his work onsite. BC signed off on the HASP.

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• Call with Mr. Anthrop as detailed above.

### **UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:**

None

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#### **PHOTOGRAPHS**



Photograph 1 – Delivery of CAT D5 Dozer

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Photograph 2 – Spreading Mulch



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DATE: 3/16/2020

**REPORT NO: 6** 

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 30-40F, Cloudy w/ scattered showers

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Inc.	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Conner Hedderick

#### THIS REPORT INCLUDES:

☐ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

## **EQUIPMENT ONSITE:**

Excavator: Doosen Track Excavator 140 w/ thumb,

Dozer: CAT D5 LPG Dozer

Skid-steer: CAT 279D w/ Grapple Attachment; Deer 333E w/ Brush-Hog Attachment

**Dump Trucks:** None

Passenger Vehicles: 6 vehicles (1 – Kramer, 1 – CEC, 4 – EFS)

Miscellaneous Equipment: Bandit Tree Chipper

#### **MATERIAL DELIVERED ONSITE:**

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No expect	ed de	liver	ies on	site
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#### **OBSERVATIONS:**

### Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Conner Hedderick (CH), Andrew Chapman (AC), Brian Chapman (BC), Adam Herrmann (AH), Honore Ayro (HA)
- Kramer (a/k/a C.A.S.) James Hendrickson (JH), Gary Kramer (GK), Phillip Mosier (PM)

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DATE: 3/16/2020

REPORT NO: 6

### Onsite Activities:

- CEC arrived onsite at 0745. EFS arrived at 0750.
- Kramer arrived to the site entrance location at 0840. Prior to arrival, Kramer demobilized their skid steer from R&B Management Property.
- EFS began site activities with a daily tailgate safety meeting. All attendees sign-off on EFS's tailgate meeting form.
- Kramer and EFS conducted pre-job inspections on equipment. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week, or upon completion of work (whichever one occurs first). Kramer's inspections from the week of 3/9 were provided to EFS for recordkeeping purposes. EFS will maintain the inspection records.
- EFS began spreading mulch with the dozer around 0830. EFS also spread mulch manually along levee where tree removal disturbed soil.
- JO contacted Mr. Duffy Anthrop, of Patton Construction, to let him know that tree cutting would be completed on Patton's property. JO requested that Patton move their trucks along the tree line. Mr. Anthrop understood and stated he would move equipment as necessary.
- Kramer began work around 0910.
- HA (EFS) arrives onsite around 0915.
- EFS repositioned straw bales along the drainage outlets behind R&B Management and Patton Construction. EFS also completed re-staking of survey stakes that were damaged during tree cutting.
- AH (EFS) departs site mid-afternoon.
- EFS and CEC mobilized to R&B Management and Mr. Ritch Winstead, of R&B Management, was onsite. JO talked with him to ensure that sure that site activities near his property were not in the way of his work. Mr. Winstead did not have any issues.
- Kramer has 5 more tree left to cut in Area F and G (refer to excavation overview drawing C200). Tree grinding needs to be completed for Area F H. Kramer and EFS parked equipment along R&B Management property for the night.
- EFS, Kramer, and CEC departed site around 1720.

#### **CONTRACT LINE ITEMS PERFORMED:**

2.0 - Mobilization

3.0 – Site Preparation

• 3.2 – Clearing and Grubbing

#### **COMMUNICATION:**

## **MEETINGS / DISCUSSIONS:**

• Prior to the start of any work onsite, EFS conducted a safety tailgate meeting. EFS asked about any safety issues developed during Friday's work. They also discussed hazards in relations to today's work, such as due to large trees being cut down, EFS and CEC needs to maintain appropriate distance from the cutting area. Additionally, mulch spreading will be occurring on the northeast end of site, while tree clearing occurs on the southwest end. The tree clearing personnel and mulching personnel need to be aware of each other and communicate during the process. All personnel participated in the discussions and signed off on the tailgate meeting form.

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- Call with Mr. Anthrop as detailed above.
- Discussion with Mr. Winstead as detailed above.

## **UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:**

None

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Photograph 1 – Straw bales installed around drainage outlet

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Photograph 2 – Mulch Spread along fence line area and levee where soil was disturbed



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DATE: 3/17/2020

**REPORT NO: 7** 

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 40F, Cloudy with sun in afternoon

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Inc.	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Conner Hedderick

#### THIS REPORT INCLUDES:

$\square$ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

### **EQUIPMENT ONSITE:**

Excavator: Doosen Track Excavator 140 w/ thumb

Dozer: CAT D5 LPG Dozer

Skid-steer: CAT 279D w/ Grapple Attachment

**Dump Trucks:** None

Passenger Vehicles: 6 vehicles (1 – Kramer, 1 – CEC, 4 – EFS)

Miscellaneous Equipment: Bandit Tree Chipper

#### **MATERIAL DELIVERED ONSITE:**

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#### **OBSERVATIONS:**

## Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Conner Hedderick (CH), Andrew Chapman (AC), Brian Chapman (BC), Honore Ayro (HA); Adam Herrmann (AH)
- Kramer (a/k/a C.A.S.) James Hendrickson (JH), Gary Kramer (GK), Phillip Mosier (PM)

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#### Onsite Activities:

- CEC arrived onsite at 0745. EFS and Kramer arrived at 0800.
- EFS began site activities with a daily tailgate safety meeting. All attendees sign-off on EFS's tailgate meeting form.
- Kramer and EFS conducted pre-job inspections on equipment. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week or upon completion of work (whichever occurs first).
- EFS and CEC walk site to confirm trees have been removed as required and to mark any remaining trees that need to be removed.
- Kramer began tree removal work around 0845.
- EFS spread mulch with the skid-steer and dozer along the fence line. EFS also manually spread mulch along levee.
- LJ (Fisher) arrived onsite at 0940 to complete a topographic survey (preconstruction survey). However, upon discussion LJ and EFS decided it would be best for LJ to return once the tree clearing was complete.
- Tree clearing activities were completed around 1140. Equipment is expected to be picked up on Thursday (3/19).
- JO took additional pre-project pictures and videos along Olympia Drive and Olympia Court.
- JO talked with Chris Jackson, who is renting the southern storage unit and the trailer on the southern side of the entrance. JO explained the project and gave him her business card. She also asked if it was possible to move the trailer slightly in case there isn't enough room for the haul entrance. Mr. Jackson said that a new trailer was coming on 3/20, and he would call the trailer company to see if the trailer could be repositioned to allow for more space. He also mentioned that it would be helpful if the project work did not block the back entrance of the trailer.
- AH (EFS) arrived onsite around 1300 to assist as needed and assess the work activities.
- Kramer departs site with work completed at 1300.
- AH (EFS) departs site around 1445.
- EFS and CEC departed site around 1645.

#### **CONTRACT LINE ITEMS PERFORMED:**

2.0 - Mobilization

3.0 – Site Preparation

• 3.2 – Clearing and Grubbing

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of any work onsite, EFS conducted a safety tailgate meeting. EFS asked about any safety issues developed during Monday's work. They also discussed hazards in relation to today's work, with the main discussion being COVID-19 safety. EFS mentioned to continue to practice good hygiene by washing hands/using hand sanitizer and wiping down machinery and vehicles. Additionally, a surveyor is expected to be onsite today. EFS will communicate with Kramer if the surveyor will be in their area. All personnel participated in the discussions and signed off on the tailgate meeting form.
- The weekly project call was conducted by CEC with EFS and Arconic. Meeting notes to follow.

### **UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:**

None

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Photograph 1 – Cleared and mulched Area E and no dig area (refer to excavation overview drawing C200)

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Photograph 2 – Cleared and mulched Area F (refer to excavation overview drawing C200)



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DATE: 3/18/2020

**REPORT NO: 8** 

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PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 40F, Cloudy

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Inc.	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Conner Hedderick

### THIS REPORT INCLUDES:

☐ TEST RESULTS		□ SKETCH	□ ATTACHMENTS
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### **EQUIPMENT ONSITE:**

Excavator: Doosen Track Excavator 140 w/ thumb

**Dozer:** CAT D5 LPG Dozer

Skid-steer: CAT 279D w/ Grapple Attachment

**Dump Trucks:** None

Passenger Vehicles: 6 vehicles (1 – CEC, 4 – EFS, 1 - Fisher)

Miscellaneous Equipment: Bandit Tree Chipper

#### MATERIAL DELIVERED ONSITE:

No expected deliveries onsite.	
--------------------------------	--

#### **OBSERVATIONS:**

## Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Conner Hedderick (CH), Andrew Chapman (AC), Brian Chapman (BC), Honore Ayro (HA)
- Fisher (Survey) Larry Jones (LJ)

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DATE: 3/18/2020

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#### Onsite Activities:

- CEC and CH (EFS) arrived onsite at 0745. The rest of EFS team arrived at 0810.
- EFS began site activities with a daily tailgate safety meeting. All attendees sign-off on EFS's tailgate meeting form
- EFS conducted pre-job inspections on equipment. Documentation of inspections is being maintained on EFS provided forms that will be submitted at the end of the week or upon completion of work (whichever occurs first).
- EFS demobilized project trailer. HA departs site with trailer at 0830.
- LJ (Fisher) arrived onsite at 0830 to survey the topography and cleared area.
- EFS and CEC walk site to take site condition pictures and any correct any erosion concerns.
- EFS finished spreading mulch in Area F- H (refer to excavation overview drawing C200) with the skid-steer.
- CEC departed site at 1000.
- AC and BC (EFS) stayed onsite until approximately 4:15pm until all equipment was demobilized. Equipment was picked up from R&B Management Property with no issues.

### **CONTRACT LINE ITEMS PERFORMED:**

#### 2.0 - Mobilization

#### 3.0 – Site Preparation

• 3.2 – Clearing and Grubbing

### 7.0 – Construction Survey

- 7.1 Establishment of Survey Control
- 7.2 Pre-project Survey

#### **COMMUNICATION:**

## **MEETINGS / DISCUSSIONS:**

• Prior to the start of any work onsite, EFS conducted a safety tailgate meeting. EFS asked about any safety issues developed during Tuesday's work. They also discussed hazards in relations to today's work, with the main discussion being to avoid end of job complacency. EFS mentioned that a heavy rain storm is expected midmorning, so personnel need to watch for lightning and thunder. If lightning occurs, the team will return to their vehicles and stand down for 30 minutes after the last lightning strike. All personnel participated in the discussions and signed off on the tailgate meeting form.

### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:

None

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Photograph 1 – Equipment Parked and Prepared for Demobilization



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DATE: 4/8/2020

**REPORT NO: 9** 

SITE SUPERINTENDENT: Kevin Chapman

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	<b>WEATHER:</b> 65F, Cloudy with sun in afternoon
PERSONNEL	
CEC FIELD REPRESENTATIVE: Jonathan Pasyk	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Inc.	CLIENT CONTACT: Robert Prezbindowski

## THIS REPORT INCLUDES:

**GENERAL CONTRACTOR: EFS** 

☐ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

## **EQUIPMENT ONSITE:**

Excavator	CAT 323F	Excavator and	1 bucket

Dozer: None

Skid-steer: CAT 279D w/ Attachments

**Dump Trucks:** None

Passenger Vehicles: 8 vehicles (1 – CEC, 4 – EFS, 1 GPRS, 2 Case Construction)

Miscellaneous Equipment: survey GPS (Case Construction), Hursqvana Saw FS 5000 D

## MATERIAL DELIVERED ONSITE:

None delivered		

#### **OBSERVATIONS:**

## Site personnel includes:

- CEC Jonathan Pasyk (JP)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Brian Chapman (BC), Chase Chapman (CC);
- Case Construction Chris Coors (CC), Tyler Emily (TE), R. Dimm (RD)
- Ground Penetrating Radar Systems (GPRS) Isiah Runkle (IR)

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DATE: 4/8/2020

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#### Onsite Activities:

- EFS and Case Construction arrived onsite at 0800. CEC arrived onsite at 0802.
- EFS began site activities with a safety briefing at 0815. All attendees signed-off on EFS' HASP, Saw Cutting JSA, and Traffic Control JSA.
- Case Construction and EFS conducted pre-job inspections on equipment. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week or upon completion of work (whichever occurs first).
- EFS and CEC walk site to inspect scope of day's work.
- Case Construction begins layout of driveway off of Concord Road
- Lana Freemont, City of Lafayette, stopped by the site and reviewed the lane closure.
- Case Construction completes driveway layout, marking saw cut locations and 25' curb radii.
- IR arrived onsite at 0900 to locate existing utilities along Concord Road right-of-way. He measured depths of existing fiber optic lines in walking pedestrian path (~3.5 fiber optic depth).
- Case Construction began saw cuts of Concord Road curb at 0930.
- Saw cuts, including pedestrian walking path, finished at 1100.
- Case Construction leaves site at 1200.
- EFS moved construction equipment closer to Concord Rd. right-of-way (excavator, skid steer) at 1230.
- EFS departs site around 1315.
- CEC departed site around 1330.

#### **CONTRACT LINE ITEMS PERFORMED:**

Change Order 002 - Driveway Expansion

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

• Prior to the start of work activities, EFS conducted a safety briefing with all personnel. EFS discussed hazards in relation to the project work, such as saw cutting safety, traffic control safety, slip trips and falls, and COVID-19 precautions. All personnel participated in the discussions and signed off on the HASP. EFS also discussed the saw cutting JSA and Traffic Control JSA with personnel; personnel signed off on JSAs.

### **UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:**

None

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Photograph 1 – Preparation for Saw Cutting.



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DATE: 4/9/2020

REPORT NO: 10

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 45F, Cloudy with high wind

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jonathan Pasyk	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Inc.	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☐ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

### **EQUIPMENT ONSITE:**

Excavator: CAT 323F Excavator and bucket

Roller: CAT CS44B

Skid-steer: CAT 279D w/ Attachments

**Dump Trucks:** None

Passenger Vehicles: 5 vehicles (1 - CEC, 4 - EFS)

Miscellaneous Equipment: Leica Rugby 320 SG total station & grade rod

### **MATERIAL DELIVERED ONSITE:**

- (2) trucks of INDOT No. 8 stone
- (3) trucks of INDOT No. 53 stone
- (2) sticks of 36" CMP culvert pipe
- (1) CMP culvert joint band from D2 (originally provided wrong size band in morning- redelivered in afternoon)

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DATE: 4/9/2020

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#### **OBSERVATIONS:**

## Site personnel includes:

- CEC Jonathan Pasyk (JP)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Brian Chapman (BC), Chase Chapman (CC);

#### Onsite Activities:

- EFS arrived onsite at 0730. CEC arrived onsite at 0740.
- EFS began site activities with a daily tailgate safety meeting at 0745. All attendees signed-off on EFS's tailgate meeting form.
- EFS conducted pre-job inspections on equipment. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week or upon completion of work (whichever occurs first).
- EFS and CEC reviewed scope of day's work.
- EFS begins stripping topsoil at 0800 across proposed drive footprint
- EFS picked up barricades from RoadSafe to close pedestrian walking path prior to demolition.
- EFS closed pedestrian walking path at 0800.
- EFS removed pedestrian path with stone & soil base at 0845. The Concord Road curb/gutter was left in place.
- Existing pedestrian path was removed and pulverized into smaller pieces (pervious concrete path with reusable aggregate as determined by EFS). Reused aggregate was utilized as backfill in existing ditch.
- EFS removed topsoil and graded subbase elevations, checking with grade laser total station throughout rest of morning.
- EFS set CMP culvert pipe in place at 1130 and backfilled with No. 8 stone around and on top of pipe. EFS was unable to install adequate joint connection to second stick of pipe- supplier (provided two 18"-dia. bands instead of 36") dia. band. EFS could not connect second stick of culvert & communicated this to D2 (supplier) so they could deliver the correct product.
- EFS continued backfill and grading in separate 6" lifts of stone until culvert band arrived onsite at approximately 1500 (delivered from D2).
- EFS connected culvert pipes, backfilled with No. 8 stone and compacted two lifts of No. 53 stone overtop, backfilled topsoil along outside of driveway footprint to transition back to grade. Filter fabric was placed in between No. 8 stone lifts and overtopping No. 53 stone lifts.
- EFS departs site around 1730.
- CEC departed site around 1735.

#### **CONTRACT LINE ITEMS PERFORMED:**

Change Order 002 – Driveway Expansion

#### **COMMUNICATION:**

## **MEETINGS / DISCUSSIONS:**

Prior to the start of any work onsite, EFS conducted a safety tailgate meeting. Slip & fall hazards and caution
around equipment were safety topics covered. EFS also reviewed scope of daily work such as excavating, laying
pipe and backfilling grade. All personnel participated in the discussions and signed off on the tailgate meeting
form.

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## **UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:**

None

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Photograph 1 – EFS Stripping Topsoil.

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Photograph 2 – EFS Removing Pedestrian Path (After Closure of Path).



Photograph 3 – CMP Culvert joint band with No. 8 Stone Backfill

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Photograph 4 – Culvert Pipe Install with No. 8 Stone Backfill, Filter Fabric, and No. 53 Stone Overtop



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DATE: 4/10/2020

REPORT NO: 11

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	<b>WEATHER:</b> 35-45F, scattered cloud cover

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jonathan Pasyk	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Inc.	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☐ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

## **EQUIPMENT ONSITE:**

Excavator: CAT 323F Excavator and bucket

Roller: CAT CS44B

Skid-steer: CAT 279D w/ Attachments

Dump Trucks: None

Passenger Vehicles: 5 vehicles (1 - CEC, 4 - EFS)

Miscellaneous Equipment: Leica Rugby 320 SG total station & grade rod, Wicket WP 1540 plate compactor

## MATERIAL DELIVERED ONSITE:

RoadSafe Traffic barrels, signs
(10) trucks of INDOT No. 53 stone

#### **OBSERVATIONS:**

#### Site personnel includes:

- CEC Jonathan Pasyk (JP)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Brian Chapman (BC), Chase Chapman (CC);
- Case Construction (briefly) Tyler Emily (TE), R. Dimm (RD)

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#### Onsite Activities:

- EFS arrived onsite at 0700. CEC arrived onsite at 0700.
- EFS began site activities with a daily tailgate safety meeting at 0700. All attendees signed-off on EFS's tailgate meeting form.
- EFS conducted pre-job inspections on equipment. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week or upon completion of work (whichever occurs first).
- EFS and CEC reviewed scope of day's work.
- RoadSafe Traffic Systems arrived about 0725 to drop off traffic control barrels, signs, sand bags. According to EFS, miscommunication of RoadSafe prevented set up of the traffic control system and lane closure on Concord. Without lane closure, the existing street curb was not removed and remained in place.
- Case Construction left the site at 0720.
- EFS continued with grade fill of No. 53 stone for the drive. EFS filled stone over culvert and brought the drive elevation up-to-grade. 10 trucks delivered No. 53 stone starting at approximately 0815 and ending at 1330.
- EFS graded topsoil off sides of drive to transition back to existing ditch grade.
- Patriot Engineering (Nate) ran density tests at 1300. The results were:
  - o 99% proctor over culvert
  - o 97% proctor at drive apron
  - o 96% proctor at drive
- EFS finalized sidewalk and stone subbase grade near drive apron.
- EFS and all subcontractors depart site around 1300.
- CEC departed site around 1305.

#### **CONTRACT LINE ITEMS PERFORMED:**

Change Order 002 – Driveway Expansion

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

Prior to the start of any work onsite, EFS conducted a safety tailgate meeting. Safety items discussed included
proceeding with caution around Concord Road and being aware of slip/fall hazards. There was also discussion of
flagging for stone delivery trucks. EFS reviewed scope of day for finishing subbase fill & grade while also
informing that lane closure would not be possible today. All personnel participated in the discussions and signed
off on the tailgate meeting form.

### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:

None

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Photograph 1 – EFS continuing fill over culvert with No. 53 stone and grading side slopes with excavated topsoil

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Photograph 2 – EFS preparing subbase grade of pedestrian walking path and drive apron location



Photograph 3 – EFS finishing subbase grading, ready for Concord Rd. curb removal and concrete forming



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DATE: 4/27/2020

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#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation		
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367	
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 55-75F, sunny	

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Corp.	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☐ TEST RESULTS	⊠ PHOTOGRAPHS	□ SKETCH	☐ ATTACHMENTS

## **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and bucket

**Dozer:** CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Telehandler: CAT 642 Telehandler

Passenger Vehicles: 9 vehicles (1 – CEC, 8 – EFS)

Miscellaneous Equipment: Equipment Trailer, Kubota 4x4 ATV, Pull Behind Max Power 40 generator

#### **MATERIAL DELIVERED ONSITE:**

- Temporary Fence: 3,700 linear feet
- Geofabric: 11 500 square yard rolls = 5,500 square yards

### **OBSERVATIONS:**

Site personnel includes:

• CEC – Jenny O'Brien (JO)

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• EFS – Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Chase Chapman (CC), Conner Hedderick (CH), Honore Ayro (HA), Adam Herrmann (AH), Scott Coles (SC), Dustin Perry (DP)

#### Onsite Activities:

- EFS and CEC arrived onsite around 0745.
- EFS began site activities with a safety briefing and reviewed scope of day's work at 0800. All attendees signed-off on EFS' HASP and tailgate meeting form.
- EFS and CEC conducted pre-job site walk.
- All equipment was delivered to R&B Management property and was onsite at the start of the day.
- EFS conducted pre-job inspections on equipment. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week or upon completion of work (whichever occurs first).
- EFS began clearing mulch and grubbing along the fence line at 0910 to provide space to install erosion control and security fencing.
- Geofabric was delivered at 0940.
- Temporary fence was delivered at 1130.
- AH (EFS) departed site at 1245.
- EFS began installing the temporary fence around 1330. Approximately 2,000 linear feet of fencing was installed.
- EFS began removing mulch around the laydown area and haul road in preparation for constructing the haul road and laydown area at 1430.
- EFS and CEC departed site around 1700.

### **CONTRACT LINE ITEMS PERFORMED:**

#### 2.0 Mobilization

#### 3.0 Site Preparation:

- 3.3 Construction of Temporary Access Roads
- 3.5 Site Security Measures

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of any work onsite, EFS conducted a safety briefing with all personnel. EFS discussed the HASP and hazards in relation to the site preparation work. Safety items discussed were being aware of slip, trips, and falls while walking, rainy/severe weather actions, nearest hospital, and being aware of heavy equipment moving around site. Discussion relating to COVID-19 occurred, such as maintaining social distance, wiping down equipment, using hand sanitizer, and to let team know if someone feels sick. All personnel participated in the discussions and signed off on the HASP and tailgate meeting form.
  - o Scope of day: installing the security fence and preparation for erosion control installation
  - o Expected contractors: None expected.
  - o Expected deliveries: geofabric and fencing.
- Discussion between Garrett Welch (CEC), JO (CEC), and KC (EFS) about best way to proceed with removing mulch for haul road. It was determined that building the haul road on top of the mulch would likely result in an unstable haul road due to a poor subbase.

## UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:

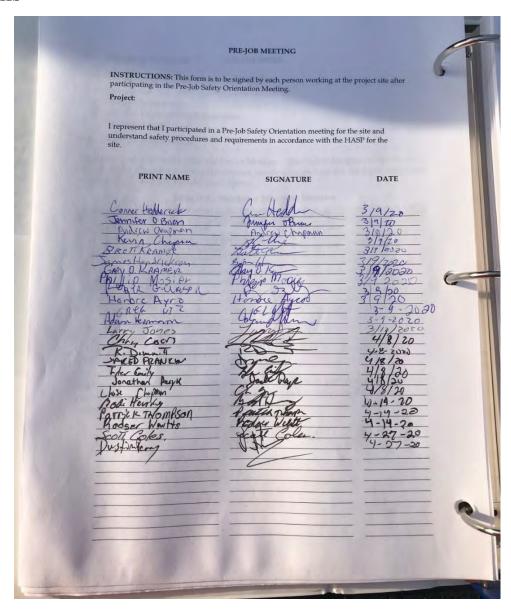
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None

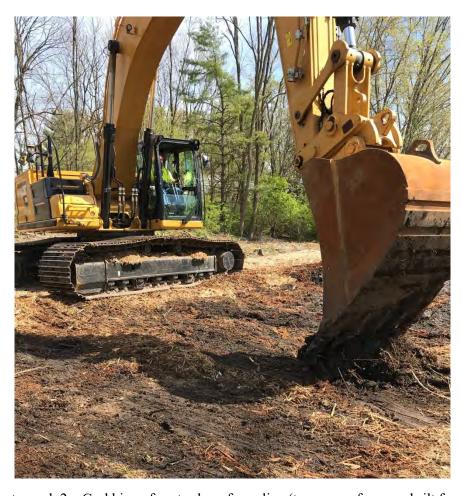
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Photograph 1 – HASP Pre-Job Signature Page

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Photograph 2 – Grubbing of roots along fence line (temporary fence and silt fence)

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Photograph 3 – Removing Mulch in Preparation for Haul Road



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DATE: 4/28/2020

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#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation		
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367	
PLANS AND SPECIFICATIONS BY: CEC, Inc.	<b>WEATHER:</b> 55-75F, morning showers, afternoon sun	

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Corp	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☐ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and bucket

**Dozer:** CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Telehandler: CAT 642 Telehandler

Haul Truck: CAT 730 Off-Road Haul Truck (for moving mulch)

Tractor: John Deer Tractor (Erosion Runners for installing silt fence)

<u>Passenger Vehicles</u>: 7 vehicles (1 – CEC, 6 – EFS), 1 truck and trailer (Erosion Runners)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box

## **MATERIAL DELIVERED ONSITE:**

- Stone: Virgin sourced (as required by 3.2.7 of EFS Work Plan)
  - o Surge Stone -21 deliveries =423.85 tons

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• Geofabric: 2 - 500 sq. yard rolls = 1,000 sq. yards

• Galvanized pipe: 2- 12 inch pipes (will be used to extend the culvert pipe)

### **OBSERVATIONS:**

### Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Chase Chapman (CC), Conner Hedderick (CH), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP)
- Erosion Runners Alan Shockey (AS), Jovani Chappel (JC)

#### Onsite Activities:

- EFS and CEC arrived onsite around 0720.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0730. All attendees signed-off on EFS' tailgate meeting form.
- EFS conducted pre-job inspections on equipment. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week or upon completion of work (whichever occurs first).
- EFS began work at 0745 with continuation of fencing install and prepping site for stone delivery.
- Virgin surge stone was delivered to the site to be installed in the laydown area and haul road along site exit. The
  haul road area had geofabric laid down prior to spreading the stone. EFS graded the stone following delivery. The
  stone was compacted and vibrated using the smooth drum roller.
- Erosion Runners arrived onsite at 1000 and began installing silt fencing. EFS discussed the HASP with Erosion Runners. AS and JC signed the HASP prior to beginning work.
- Haul truck was delivered to the R&B Management Property. EFS began hauling mulch from the haul road area to
  the laydown property. The mulch is being stockpiled at a high point of the property to prevent mulch from entering
  stormwater.
- EFS installed the "Warning No Trespassing" signs every 50 feet on the fence line.
- A Connex Box was delivered onsite around 1330 for storage purposes.
- EFS began setting the posts for the CRP sign at the site entrance from the R&B Management Property.
- Lana Freestone (City of Lafayette) arrived onsite to complete a final inspection of the driveway around 1400. She communicated with KC that there were no issues observed.
- Erosion Runners completed installing silt fence and departed site at 1730. Demobilized tractor.
- Approximately 1/3 of mulch (14 loads) was stockpiled by the end of the day.
- The excavator was determined to have a hydraulic leak at the end of the day. The excavator was mobilized to the gravel pad in the laydown area for repair access. Plastic was placed under the equipment and absorbent pads were used around the leaking area.
- EFS (except KC and CH) and CEC departed site around 1815. KC and CH continued work in preparation for rain overnight.
- KC and CH departed site around 1930.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 2.0 Mobilization

## 3.0 Site Preparation:

- 3.3 Construction of Temporary Access Roads
- 3.5 Site Security Measures

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### **6.0 Erosion and Sedimentation Control**

- 6.1 SWPPP Construction Implementation
  - 6.1.1 Installation and Maintenance of Erosions Control Features

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. EFS asked about any safety issues
  developed during yesterday's work. They also discussed hazards in relations to today's work, such as pinch points
  when installing fencing, slip trips and falls, and rainy weather. All personnel participated in the discussions and
  signed off on safety tailgate form.
  - O Scope of day: continuing installation the security fence, laying down geofabric for the haul road, and removal of mulch.
  - o Expected contractors: Erosion Runners for silt fence install.
  - o Expected deliveries: stone deliveries for haul road and laydown area and dump truck arriving for removal of mulch.
- The weekly project call was conducted by CEC with EFS and Arconic. Meeting notes to follow.

## **UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:**

None

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Photograph 1 – EFS Spreading and Grading Stone



Photograph 2 – Erosion Runners Installing Silt Fence

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Photograph 3 – Silt Fence Install along Security Fencing



Photograph 4 – Loading Mulch into Haul Truck to be Relocated Onsite.



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DATE: 4/29/2020

REPORT NO: 14

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation		
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367	
PLANS AND SPECIFICATIONS BY: CEC, Inc.	<b>WEATHER:</b> 55-60F, morning showers, afternoon clouds	

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Corp	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

### THIS REPORT INCLUDES:

	☐ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS
ı			

### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and bucket

**Dozer:** CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Telehandler: CAT 642 Telehandler

Haul truck: CAT 730 Off-Road Haul Truck (for moving mulch)

Passenger Vehicles: 8 vehicles (1 - CEC, 7 - EFS),

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer

### **MATERIAL DELIVERED ONSITE:**

No ma	aterials delivered.		

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DATE: 4/29/2020

REPORT NO: 14

#### **OBSERVATIONS:**

## Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Chase Chapman (CC), Conner Hedderick (CH), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP)

#### Onsite Activities:

- EFS and CEC arrived onsite around 0720.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0730. All attendees signed-off on EFS' tailgate meeting form.
- EFS conducted pre-job inspections on equipment. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week or upon completion of work (whichever occurs first).
- EFS began work at 0740 with finishing fencing install.
- Heavy showers from 0830 to 1100.
- JO assessed the area surrounding the excavator for any signs of hydraulic fluid entering the ground or stormwater. No releases were observed.
- A Porta-John was delivered to the R&B Management property around 0815.
- EFS mostly completed install of the fence, with the exception of hanging the warning signs along Area B (refer to excavation overview drawing C200)
- Pac Van arrived on site to deliver the office trailer at 0915.
- DP departed site for the day at 1000.
- Pac Van departed site at 1100. EFS set up interior of trailer. The following were posted/hung inside the office trailer: Employment Law signs, Construction in a Floodway permit, exit signs, eye wash station and sign, and fire extinguisher and sign.
- AC, HA, and SC leave site to go to EFS office to pick up necessary project items, such as boot wash stations, trash pumps, water safety ring, etc. They return to the site with the trailer mid-afternoon.
- Two employees from Huston arrived onsite midday to connect electricity to the office trailer. They departed site upon connecting the electricity.
- BC departed site for the day at 1400.
- Excavator hydraulic leak repair completed at 1410. The mechanic left site upon completing the repair.
- AC, HA, SC, and CH departed site for the day around 1615.
- CEC departed site around 1645.
- CC and KC departed site around 1700.

#### **CONTRACT LINE ITEMS PERFORMED:**

### 2.0 Mobilization

#### 3.0 Site Preparation:

• 3.5 – Site Security Measures

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

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DATE: 4/29/2020

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• Prior to the start of work activities, EFS conducted a safety tailgate meeting. EFS asked about any safety issues developed during yesterday's work. They also discussed hazards in relations to today's work, such as pinch points when installing fencing, slip trips and falls, avoid driving equipment in the dirt, watch for leaking equipment. Rain with possible thunderstorms were expected; EFS discussed the severe weather process. All personnel participated in the discussions and signed off on safety tailgate form.

- o Scope of day: continuing installation the security fence and set up office trailer.
- o Expected contractors: a mechanic to repair the excavator, Huston to connect the office trailer to electricity.
- o Expected deliveries: the office trailer

### **UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:**

None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.



Photograph 1 – Excavator on tarp and gravel pad (no releases to the site/environment observed)

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Photograph 2 – Office trailer delivery



Photograph 3 – Employment law signs and Construction in a Floodway permit



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DATE: 4/30/2020

REPORT NO: 14

### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 45F, windy & cloudy

### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Corp.	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

### THIS REPORT INCLUDES:

☐ TEST RESULTS ☐ PHOTOGRAPHS ☐ SKETCH	$\square$ ATTACHMENTS

### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and bucket

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Telehandler: CAT 642 Telehandler

Haul Truck: CAT 730 Off-Road Haul Truck (for moving mulch)

Passenger Vehicles: 9 vehicles (1 – CEC, 8 – EFS),

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 Cart; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer

### **MATERIAL DELIVERED ONSITE:**

No materials delivered.		

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DATE: 4/30/2020

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### **OBSERVATIONS:**

### Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Chase Chapman (CC), Conner Hedderick (CH), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP), Eric Likens (EL)

### Onsite Activities:

- EFS and CEC arrived onsite around 0720.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0740. All attendees signed-off on EFS' tailgate meeting form.
- Due to wet ground from rain yesterday and last night (1.15 inches total of rain), the conditions are too wet for equipment usage. Pre-job equipment inspections are not completed on equipment that is not being used. A pre-job inspection is completed for the skid steer.
- EFS began work at 0800 with finishing fencing install and CRP sign install.
- EFS completed installing the fence. The skid steer is used for an hour for sandbag moving. The containment area and warning signs were installed on the fence.
- KC and EL completed a site walk and SWPPP erosion control inspection.
- DP departed site for the day at 1000.
- EFS completed installing the base for the CRP sign on R&B Management property. However, the sign could not be stuck on the plywood due to the cold, wet weather.
- EFS began layout of the concrete pad at 1330 on R&B Management property.
- BC, AC, HA, CH, and SC departed site at 1600.
- CC and JO departed site at 1630.
- EL and KC departed site at 1700.

### **CONTRACT LINE ITEMS PERFORMED:**

### 2.0 Mobilization

### 3.0 Site Preparation:

• 3.5 – Site Security Measures

### **COMMUNICATION:**

### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work, such as pinch points when installing fencing, slip trips and falls, avoid driving equipment in the dirt. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: continuing installation the security fence and beginning to construct the concrete pad. Due to the wet weather, heavy equipment usage is limited.
  - o Expected contractors: None expected.
  - o Expected deliveries: None expected.
- Due to heavy precipitation, EFS did not utilize their heavy equipment with the exception of the skid-steer to place sand bags. Heavy equipment usage would have resulted in heavy ground disturbance (i.e., rutting). As such, EFS's field activities were minimal and focused on non-equipment related activities. At this time, EFS does not see a

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schedule slip as a result of the heavy precipitation. EFS will evaluate the overall effect of the precipitation event in conjunction with future adverse weather days to determine their impacts to the overall project delivery (i.e., impacts to the budget and schedule).

### **UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:**

None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.



Photograph 1 – Warning Signs on Fence



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P: (865) 977-9997 F: (865) 977-9919

DATE: 5/1/2020

REPORT NO: 15

### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 50-60F, sunny

### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

### THIS REPORT INCLUDES:

Ī	☐ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and bucket

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Telehandler: CAT 642 Telehandler

Haul Truck: CAT 730 Off-Road Haul Truck (for moving mulch)

Passenger Vehicles: 8 vehicles (1 - CEC, 7 - EFS),

<u>Fuel Tank</u>: Empty fuel cell (500 gallon, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATC; Pull behind max power 40 generator; Connex

box; Office trailer

### **MATERIAL DELIVERED ONSITE:**

• Concrete – 2 deliveries = 7.25 cubic yards

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### **OBSERVATIONS:**

### Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Chase Chapman (CC), Conner Hedderick (CH), Honore Ayro (HA), Scott Coles (SC), Eric Likens (EL)

### Onsite Activities:

- EFS and CEC arrived onsite around 0720.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0730. All attendees signed-off on EFS' tailgate meeting form.
- Due to wet ground from rain this week (1.15 inches total of rain on Tuesday Wednesday), the conditions are too wet for equipment usage. Pre-job equipment inspections are not completed on equipment, with the exception of the skid steer.
- EFS began work at 0745 with preparation for concrete pad construction and the concrete delivery.
- Concrete delivery to the R&B Management property at 0845. EFS completed construction the concrete pad.
- EFS installed the CRP signage at the entrance of the site
- EFS back dragged the soil with the skid steer to rid the haul road area of ruts and to help the soil dry out over the weekend.
- BC, CH, and SC departed site for the day at 1200.
- EFS installed additional safety signs around the office trailer and on the fence line, i.e. hard hat area, visitors sign in, etc.
- Empty fuel cell (500 gallon, double-walled with leak detection system) was delivered to site at 1330. The tank will eventually contain off-road diesel.
- KC, CC, AC, HA departed site for the day at 1430.
- EL and JO departed site at 1500.

### **CONTRACT LINE ITEMS PERFORMED:**

### 2.0 Mobilization

### 3.0 Site Preparation:

- 3.4 Construction of Temporary Access Road
- 3.5 Site Security Measures

### **COMMUNICATION:**

### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work, such as slip trips and falls on the slick ground and avoid driving equipment in the dirt. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Today's activities: install the concrete pad, finish install of CRP sign, begin moving mulch depending on how wet the site is, and back drag the soil to rid the haul road area of ruts.
  - o Expected contractors: none expected.
  - o Expected deliveries: concrete delivery for the truck lining pad.

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### **UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:**

None

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Photograph 1 – Concrete pad for truck lining.

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Photograph 2 – CRP sign at haul truck site entrance (R&B Management Property).



Photograph 3 – Double-walled 500-gallon fuel tank.



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DATE: 5/4/2020

REPORT NO: 16

### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 50-60F, sunny

### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

### THIS REPORT INCLUDES:

☐ TEST RESULTS ☐ PHOTOGRAPHS ☐ SKETCH	$\square$ ATTACHMENTS

### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and bucket

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Telehandler: CAT 642 Telehandler

Haul Truck: CAT 730 Off-Road Haul Truck (for moving mulch)

Passenger Vehicles: 8 vehicles (1 – CEC, 7 – EFS),

<u>Fuel Tank</u>: Fuel cell (500 gallon, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer

### **MATERIAL DELIVERED ONSITE:**

• Off-road diesel fuel delivery

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DATE: 5/4/2020

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### **OBSERVATIONS:**

### Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Chase Chapman (CC), Conner Hedderick (CH), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP)

### Onsite Activities:

- EFS and CEC arrived onsite around 0720.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0730. All attendees signed-off on EFS' tailgate meeting form.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week or upon completion of work (whichever occurs first).
- EFS began work at 0745 with moving mulch for the haul road and posting no trespassing signs facing the stream side along the bank.
- Fuel truck arrived onsite at 0815 to deliver fuel for the fuel cell and EFS truck transfer fuel tank. All refueling procedures were followed.
- The dry wheel wash station was delivered to the laydown area at 1045. Right lane of traffic on Concord Road was temporarily shut down during the equipment delivery. EFS served as flaggers and used signs during the road shutdown. EFS unloaded the equipment with the telehandler.
- EFS installed the no trespassing signs facing the stream along the first 1,000 feet of the southwestern portion of site.
- The Stormwater Pollution Prevention Plan (SWPPP) was posted inside the office trailer (as required by the SWPPP conditions).
- AC and HA departed site for the day at 1545.
- EFS refueled the excavator and haul truck, using proper refueling procedures.
- EFS completed removing mulch from the haul road (24 loads). The haul road was graded in preparation for the potential rain tonight and tomorrow.
- SC and DP departed site for the day at 1630.
- JO and CH departed site at 1700.
- KC departed site around 1730.
- CC and BC departed site at 1900.

### **CONTRACT LINE ITEMS PERFORMED:**

### 2.0 Mobilization

### 3.0 Site Preparation:

- 3.4 Construction of Temporary Access Road
- 3.5 Site Security Measures

#### **COMMUNICATION:**

### **MEETINGS / DISCUSSIONS:**

Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work, such as slip trips and falls on the stream bank when posting signs and using proper speed with

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hauling the mulch. A life ring will be near the personnel who are working on the stream bank at all times. All personnel participated in the discussions and signed off on safety tailgate form.

- O Scope of day: posting no trespassing signs facing the stream side along the bank and moving mulch from the haul road areas.
- o Expected contractors: None expected.
- o Expected deliveries: fuel delivery & dry wheel wash station

### **UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:**

None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.



Photograph 1 – Delivery of dry wheel wash station.

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Photograph 2 – Dumping of mulch.



Photograph 3 – SWPPP posting.



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DATE: 5/5/2020

**REPORT NO: 17** 

### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 45-50F, cloudy with showers

### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

### THIS REPORT INCLUDES:

	☐ TEST RESULTS	⊠ PHOTOGRAPHS	□ SKETCH	$\square$ ATTACHMENTS
ı				

### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and bucket

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Telehandler: CAT 642 Telehandler

Haul Truck: CAT 730 Off-Road Haul Truck (rental has ended, but remains onsite)

<u>Passenger Vehicles</u>: 7 vehicles (1 - CEC, 6 - EFS),

<u>Fuel Tank</u>: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer

### **MATERIAL DELIVERED ONSITE:**

- Stone: Virgin sourced (as required by 3.2.7 of EFS Work Plan)
  - o Surge Stone -11 deliveries = 217.26 tons
  - o #53 1 delivery = 19.55 tons

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### **OBSERVATIONS:**

### Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Chase Chapman (CC), Conner Hedderick (CH), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP), Adam Herrmann (AH)

### Onsite Activities:

- EFS and CEC arrived onsite around 0720.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0730. All attendees signed-off on EFS' tailgate meeting form.
- AH arrived on site at 0740.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week or upon completion of work (whichever occurs first).
- EFS began work at 0745 with installing the dry wheel wash at the site exit.
- Virgin surge stone was delivered to the R&B Management property for haul road and entrance construction activities. The haul road area included geofabric installation prior to stone placement. Stone was also delivered to the Concord Road entrance for installation around the dry wheel wash. EFS graded the stone following delivery. The stone was compacted and vibrated using the smooth drum roller.
- SC, DP, AC, and HA departed site for the day at 1515.
- CC, BC, and CH departed site for the day at 1530.
- AH obtained the water meter for the fire hydrant at R&B Management from the City of Lafayette Utilities.
- AH, KC, and JO departed from site at 1600.

### **CONTRACT LINE ITEMS PERFORMED:**

### 2.0 Mobilization

### 3.0 Site Preparation:

- 3.3 Construction of Temporary Access Road
- 3.4 Construction of Vehicle Wash Pad(s) and Sumps
- 3.5 Site Security Measures

### 6.0 Erosion and Sedimentation Control:

• 6.1.1 – Installation and Maintenance of Erosion Control Features (silt fence, filter sock, straw bale, inlet protection, waterless wheel wash, dust suppression)

### **COMMUNICATION:**

### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations
  to today's work, such as working in rain and severe weather. EFS is also required to complete a COVID health
  assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate
  form.
  - o Scope of day: stone the entrance of the haul road (R&B Management Property) and install the dry wheel wash.
  - o Expected contractors: None expected.
  - o Expected deliveries: Surge stone delivery at R&B Management for the entrance.

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• The weekly project call was conducted by EFS with CEC and Arconic. Meeting notes to follow.

### **UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:**

None

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Photograph 1 – Installation of dry wheel wash station.

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Photograph 2 – Completed installation of dry wheel wash station.



Photograph 3 – Installation of haul road following geofabric placement.



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DATE: 5/6/2020

REPORT NO: 18

### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 50-60F, sunny

### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

### THIS REPORT INCLUDES:

Γ				
	$\square$ TEST RESULTS	☑ PHOTOGRAPHS	$\square$ SKETCH	$\square$ ATTACHMENTS

### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and bucket

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Tele-handler: CAT 642 Tele-handler

Passenger Vehicles: 7 vehicles (1 – CEC, 6 – EFS),

<u>Fuel Tank</u>: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer

### **MATERIAL DELIVERED ONSITE:**

- Stone: Virgin sourced (as required by 3.2.7 of EFS Work Plan)
  - o Surge Stone -14 deliveries = 283.78 tons

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DATE: 5/6/2020

REPORT NO: 18

### **OBSERVATIONS:**

### Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Chase Chapman (CC), Conner Hedderick (CH), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP)

### Onsite Activities:

- EFS and CEC arrived onsite around 0720. Two "for rent" signs were posted on the border of the laydown area property (owned by Jason Abbott) along Concord Road.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0730. All attendees signed-off on EFS' tailgate meeting form. EFS and JO completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week or upon completion of work (whichever occurs first).
- EFS began work at 0740 with prepping for stone delivery.
- AC and SC returned the extra fence and went to EFS shop to pick up a few items.
- Matthew Devine (Code Enforcement Office from City of Lafayette) arrived onsite around 1120 to inquire about
  who owns the semi-tractor trailer and what work in being completed. JO said that the property is owned by
  Tippecanoe Co Properties, LLC and listed with Jason Abbott contact information. JO also provided brief overview
  of the project.
- Virgin surge stone was delivered to the R&B Management property for stoning the site entrance and the beginning of the haul road. The haul road area had geo-fabric laid down prior to spreading the stone. EFS graded the stone following delivery. The stone was compacted and vibrated using the smooth drum roller.
- EFS extended the two drainage pipes for the haul road construction. The western most drainage pipe did not need to be extended.
- Alan White (of Alan White Agency) arrived onsite around 1300 on behalf of Jason Abbott. See description of the conversation in the communication section below.
- The tele-handler required a repair. A mechanic came to site to work on the equipment.
- The haul truck was demobilized from site around 1400. Previously taken off rent.
- Snow fencing was installed around the manholes to increase visibility of manholes. Additionally, a pedestrian crossing sign was installed at the site exit off of Concord Road.
- DP, AC, BC, SC, HA departed site for the day at 1600. EFS locked the fence entrance prior to leaving.
- CC departed site for the day at 1615
- CH departed site at 1630.
- KC and JO departed from site at 1645.

### **CONTRACT LINE ITEMS PERFORMED:**

### 2.0 Mobilization

### 3.0 Site Preparation:

- 3.4 Construction of Temporary Access Road
- 3.5 Site Security Measures

### 6.0 Erosion and Sedimentation Control:

• 6.1.1 – Installation and Maintenance of Erosion Control Features (silt fence, filter sock, straw bale, inlet protection, waterless wheel wash, dust suppression)

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REPORT NO: 18

### **COMMUNICATION:**

### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations
  to today's work, such as caution when working around stone delivery. EFS and JO completed a COVID health
  assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate
  form.
  - o Scope of day: stone the entrance of the haul road (R&B Management Property)
  - o Expected contractors: Mechanic to fix the tele-handler
  - o Expected deliveries: Surge stone delivery at R&B Management for site entrance.
- Alan White (of Alan White Agency) arrived onsite around 1300 on behalf of Jason Abbott. Per Mr. White in discussion with JO, Mr. Abbott drove by the laydown area over the weekend and was surprised to see what was being done to his property. Mr. White stated that Mr. Abbott did not sign an access agreement and is not receiving compensation for the occupancy. JO informed Mr. White that a signed and executed access was available. However, Mr. White preferred that this was handled between Mr. Abbott and CEC/Arconic. JO gave Mr. White her contact information for Mr. Abbott to follow up, if needed. The property owner contact log was updated with interactions relating to the Abbott property.

### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:

• Two "for rent" signs were posted on the border of the laydown area property (owned by Jason Abbott) along Concord Road.

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.



Photograph 1 – "For Rent" sign near the laydown area.

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DATE: 5/6/2020



Photograph 2 – Installation of stone for the haul road entrance at R&B Management.

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DATE: 5/6/2020



Photograph 3 – Extended drainage pipe.



2704 Cherokee Farm Way, Suite 101 Knoxville, Tennessee 37920

P: (865) 977-9997 F: (865) 977-9919

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DATE: 5/7/2020

REPORT NO: 20

### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 50-60F, sunny

### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

### THIS REPORT INCLUDES:

☐ TEST RESULTS	⊠ PHOTOGRAPHS	□ SKETCH	☐ ATTACHMENTS

### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and bucket

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Tele-handler: CAT 642 Tele-handler

Passenger Vehicles: 8 vehicles (1 – CEC, 7 – EFS),

<u>Fuel Tank</u>: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer

### **MATERIAL DELIVERED ONSITE:**

- Stone: Virgin sourced (as required by 3.2.7 of EFS Work Plan)
  - $\circ$  #53 Stone 14 deliveries = 286.32 tons
- 40 mil HPD Liner 25'x 300' = 7,500 sq. feet

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DATE: 5/7/2020

REPORT NO: 20

### **OBSERVATIONS:**

### Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Chase Chapman (CC), Conner Hedderick (CH), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP), Eric Likens (EL)

### Onsite Activities:

- EFS and CEC arrived onsite around 0720.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0730. All attendees signed-off on EFS' tailgate meeting form. EFS and JO completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week or upon completion of work (whichever occurs first).
- EL arrived onsite at 0740.
- EFS began work at 0740 with prepping for stone delivery and loading fence.
- AC and SC departed the site to pick up items and 72 rolls of 4 mil and 10 rolls of 10 mil polysheeting.
- Virgin #53 stone was delivered to the R&B Management property for stoning the site entrance. EFS graded the stone following delivery. The stone was compacted and vibrated using the smooth drum roller.
- EFS removed roots/branches that were causing the silt fence to pull off the stakes. The silt fence was reattached to stakes where repair was necessary.
- BC and SC departed site for the day at 1630.
- EFS locks the fence at both entrances. AC, HA, CC, and DP departed site for the day at 1700.
- JO and CH departed site at 1715.
- KC and EL departed from site at 1730.

### **CONTRACT LINE ITEMS PERFORMED:**

### 2.0 Mobilization

### 3.0 Site Preparation:

- 3.4 Construction of Temporary Access Road
- 3.5 Site Security Measures

### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosions Control Features

### **COMMUNICATION:**

### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations
  to today's work, such as caution when working around stone delivery and not standing near the end of the tuck
  during delivery. EFS and JO completed a COVID health assessment before work each day. All personnel
  participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: stone the entrance of the haul road (R&B Management Property).
  - o Expected contractors: None.
  - o Expected deliveries: Surge stone delivery at R&B Management for site entrance.

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### **UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:**

None

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Photograph 1 – Silt fence pulling off stakes due to roots and branches. Repairs completed.

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Photograph 2 – Silt fence with branch removed and reattached to stakes .



Photograph 3 – Installation of #53 stone on R&B Management.



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DATE: 5/8/2020

REPORT NO: 21

### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 50F, cloudy

### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

### THIS REPORT INCLUDES:

☐ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and bucket

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Tele-handler: CAT 642 Tele-handler

Passenger Vehicles: 8 vehicles (1 – CEC, 7 – EFS),

<u>Fuel Tank</u>: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer

### **MATERIAL DELIVERED ONSITE:**

- Stone: Virgin sourced (as required by 3.2.7 of EFS Work Plan)
  - o Surge Stone -34 deliveries =702.71 tons

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DATE: 5/8/2020

REPORT NO: 21

### **OBSERVATIONS:**

### Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Chase Chapman (CC), Conner Hedderick (CH), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP), Eric Likens (EL)

### Onsite Activities:

- EFS and CEC arrived onsite around 0720.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0730. All attendees signed-off on EFS' tailgate meeting form. EFS and JO completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0740 with prepping for stone delivery.
- CH and JO completed the weekly erosion control inspection. No measurable storm events this week.
- KC, CH, and JO marked the haul road route in Area A D (refer to excavation overview drawing C200) based revised excavation area from Fisher's pre-project survey. The haul route was marked based on scaling from updated drawings. EFS contacted Fisher to mark the haul road location earlier in the week. Fisher put EFS on their schedule for Thursday, but Fisher had scheduling conflict and did not mobilize to the site as expected.
- Virgin surge stone was delivered to the R&B Management property for stoning the haul road. The haul road area had geo-fabric laid down prior to spreading the stone. EFS graded the stone following delivery. The stone was compacted and vibrated using the smooth drum roller. Surge stone was installed in Area D, C and part of B (refer to excavation overview drawing C200).
- CEC reviewed concrete testing data, as provided by Patriot, and approved the expanded driveway entrance for use.
- BC departed for the day at 1700.
- EFS locks the fence at both entrances. AC, HA, SC and DP departed site for the day at 1745.
- JO, CC, and CH departed site at 1800.
- KC and EL departed from site at 1830.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and end of day. Hand sanitizer and cleaning wipes are available.

#### CONTRACT LINE ITEMS PERFORMED:

### 2.0 Mobilization

### 3.0 Site Preparation

• 3.4 – Construction of Temporary Access Road

### 6.0 Erosion and Sedimentation Control

• 6.1.2 – Inspections

### **COMMUNICATION:**

### **MEETINGS / DISCUSSIONS:**

• Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work, such as caution when working around stone delivery, not standing near the end of the tuck during delivery, and notifying equipment operators if they are in there blind spots. EFS and JO completed a COVID health

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DATE: 5/8/2020

REPORT NO: 21

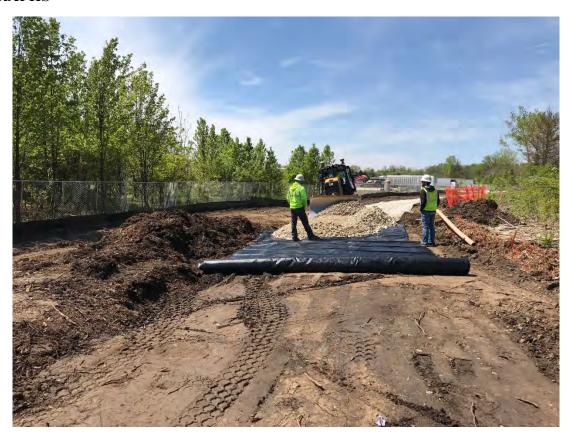
assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.

- O Scope of day: stone the haul road.
- o Expected contractors: None.
- o Expected deliveries: Surge stone delivery at R&B Management for haul road.

### **UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:**

None

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Photograph 1 – Spreading stone.

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Photograph 2 – Haul road over the eastern most culvert .



Photograph 3 – Marking of haul road.



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DATE: 5/9/2020

REPORT NO: 22

### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation		
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367	
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 50F, sunny	

### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

### THIS REPORT INCLUDES:

☐ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and bucket

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Tele-handler: CAT 642 Tele-handler

Passenger Vehicles: 7 vehicles (1 – CEC, 6 – EFS),

<u>Fuel Tank</u>: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer

### **MATERIAL DELIVERED ONSITE:**

- Stone: Virgin sourced (as required by 3.2.7 of EFS Work Plan)
  - o Surge Stone -26 deliveries = 523.83 tons

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DATE: 5/9/2020

REPORT NO: 22

### **OBSERVATIONS:**

### Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Chase Chapman (CC), Conner Hedderick (CH), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP)

### Onsite Activities:

- EFS and CEC arrived onsite around 0620.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0625. All attendees signed-off on EFS' tailgate meeting form. EFS and JO completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0630 with prepping for stone delivery.
- BC shaped the mulch pile to prevent sloughing during storage.
- KC, CH, and JO marked the haul road route in Area E G (refer to excavation overview drawing C200) based revised excavation area from Fisher's pre-project survey. The haul route was marked based on scaling from updated drawings.
- Virgin surge stone was delivered to the R&B Management property for stoning the haul road. The haul road area had geo-fabric laid down prior to spreading the stone. EFS graded the stone following delivery. The stone was compacted and vibrated using the smooth drum roller. Surge stone was installed in Area B, Area A, connected the haul road to the laydown area, Area E, and Area F (refer to excavation overview drawing C200).
- KC departed for the day at 1045.
- EFS locks the fence at both entrances. EFS and CEC departed site for the day at 1200.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and end of day. Hand sanitizer and cleaning wipes are available.

### **CONTRACT LINE ITEMS PERFORMED:**

### 2.0 Mobilization

### 3.0 Site Preparation

• 3.4 – Construction of Temporary Access Road

### **COMMUNICATION:**

### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work, such as make eye contact with machine operators, use proper lifting techniques when rolling out the fabric, and wearing seatbelts when in equipment. EFS and JO completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - O Scope of day: stone the haul road.
  - o Expected contractors: None.
  - o Expected deliveries: Surge stone delivery at R&B Management for haul road.

### **UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:**

None

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NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.



Photograph 1 – Shaping mulch to prevent sloughing.

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DATE: 5/9/2020



Photograph 2 – Haul road construction.



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DATE: 5/11/2020

REPORT NO: 23

### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation		
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367	
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 40F, cloudy	

### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

### THIS REPORT INCLUDES:

Γ			
	$\square$ TEST RESULTS	$\square$ SKETCH	$\square$ ATTACHMENTS

### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and bucket

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 7 vehicles (1 - CEC, 6 - EFS),

<u>Fuel Tank</u>: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer

### **MATERIAL DELIVERED ONSITE:**

- Stone: Virgin sourced (as required by 3.2.7 of EFS Work Plan)
  - o Surge Stone -22 deliveries =441.08 tons
- Metal Scaffolding: to be used for truck lining

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DATE: 5/11/2020

REPORT NO: 23

### **OBSERVATIONS:**

### Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Chase Chapman (CC), Conner Hedderick (CH), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP)

### Onsite Activities:

- EFS and CEC arrived onsite around 0720.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0730. All attendees signed-off on EFS' tailgate meeting form. EFS and JO completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0745 with prepping for stone delivery.
- Virgin surge stone was delivered to site property for stoning the haul road. The haul road area had geo-fabric laid down prior to spreading the stone. EFS graded the stone following delivery. The stone was compacted and vibrated using the smooth drum roller. Surge stone was installed in Area F, Area G, and Area H and the truck turnaround near area G (refer to excavation overview drawing C200).
- EFS installed the rope and no trespassing signs facing the creek along northeastern portion of the creek bank.
- The tele-handler was demobilized offsite (the lease ended).
- DP and AC depart site at 1600.
- EFS locks the fence at both entrances. EFS and CEC departed site for the day at 1715.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.

### **CONTRACT LINE ITEMS PERFORMED:**

### 2.0 Mobilization

### 3.0 Site Preparation

- 3.4 Construction of Temporary Access Road
- 3.5 Site Security Measures

### **COMMUNICATION:**

### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations
  to today's work, such as make eye contact with machine operators, use proper lifting techniques when rolling
  out/moving the fabric, and wearing seatbelts when in equipment. EFS discussed COVID prevention, reminding
  the personnel to disinfect hands, wipe down equipment regularly, and social distance. EFS and JO completed a
  COVID health assessment before work each day. All personnel participated in the discussions and signed off on
  safety tailgate form.
  - o Scope of day: Stone the haul road.
  - o Expected contractors: None.
  - o Expected deliveries: Surge stone delivery at R&B Management for haul road.

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DATE: 5/11/2020

REPORT NO: 23

### **UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:** None

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### **PHOTOGRAPHS**

and sequences of construction.



Photograph 1 – Spreading stone at the turn-around near Area H.

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DATE: 5/11/2020

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Photograph 2 – No trespassing sign (facing creek) and rope along creek bank.



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DATE: 5/12/2020

REPORT NO: 24

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 50F, sunny

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☐ TEST RESULTS	⊠ PHOTOGRAPHS	□ SKETCH	☐ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and bucket

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 7 vehicles (1 - CEC, 6 - EFS),

<u>Fuel Tank</u>: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding

- Stone: Virgin sourced (as required by 3.2.7 of EFS Work Plan)
  - $\circ$  Surge Stone 3 deliveries = 62.06 tons
  - $\circ$  #53 Stone 5 deliveries = 104.82 tons
  - o INDOT #53 Crushed stone -1 delivery = 21.08 tons
  - o INDOT #2 Stone -2 deliveries = 41.04 tons
- Off-road Diesel Fuel 400 gallons

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DATE: 5/12/2020

REPORT NO: 24

#### **OBSERVATIONS:**

#### Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Chase Chapman (CC), Conner Hedderick (CH), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP)

#### Onsite Activities:

- EFS and CEC arrived onsite around 0720.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0730. All attendees signed-off on EFS' tailgate meeting form. EFS and JO completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0745 with prepping for stone delivery.
- EFS picked up a backfill sample from Purdy Materials (where the backfill and topsoil will be sourced from) to be analyzed by Patriot for soil classification and proctor development.
- Virgin #53 stone was spread and graded to cap the haul road and to fill any voids. Virgin surge stone was used for the frack tank pad. The virgin #2 stone was used on the construction entrance by the dry wheel wash. All stone was graded, compacted and vibrated.
- Newton arrived onsite at 1330 to fill up fuel cell with off road diesel.
- EFS constructed the metal scaffolding for the haul truck lining.
- JO and KC visited Purdy Materials to view the available backfill. Additionally, JO took 10 composite samples of the backfill for PCB analysis as required by IDEM IMWP approval. CEC will HOLD the samples until sampling the sampling frequency and analytical suite is confirmed by IDEM/EPA.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS (except KC and CH) departed site for the day at 1600.
- CH, KC, and JO departed at 1645.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 2.0 Mobilization

#### 3.0 Site Preparation

- 3.3 Construction of Temporary Access Road
- 3.4 Construction of Vehicle Wash Pad(s) and Sumps

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work, such as make eye contact with machine operators, watch trips when walking around site, and wearing seatbelts when in equipment. EFS discussed COVID prevention, reminding the personnel to disinfect hands, wipe down equipment regularly, and social distance. EFS and JO completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - O Scope of day: Finish haul road and build frack tank area.
  - o Expected contractors: None.
  - o Expected deliveries: Stone delivery for haul road.

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DATE: 5/12/2020

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### **UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:**

None

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Photograph 1 – End of haul road.

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Photograph 2 – Frack tank pad.



Photograph 3 – Haul road turn around.



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DATE: 5/13/2020

**REPORT NO: 25** 

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 50F, cloudy

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

	☐ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS
ı			

#### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 7 vehicles (1 - CEC, 6 - EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frack tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

- Stone: Virgin sourced (as required by 3.2.7 of EFS Work Plan)
  - o INDOT #2 Stone -4 deliveries = 79.90 tons

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DATE: 5/13/2020

REPORT NO: 25

#### **OBSERVATIONS:**

### Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Chase Chapman (CC), Conner Hedderick (CH), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP)

#### Onsite Activities:

- EFS and CEC arrived onsite around 0720.
- EFS began site activities with a safety tailgate meeting, reviewed project JHAs, and reviewed scope of day's work at 0730. All attendees signed-off on EFS' tailgate meeting form and JHAs. EFS and JO completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0800 with prepping the site decon pad.
- The decon pad was established to the northeast of the Area A. A 55 gallon plastic drum was installed for the sump at the downgrade corner of the pad. A layer of geo-textile, HDPE 40 mil liner, and another layer of geo-textile was installed. Virgin #2 stone was spread and graded on top of the liner (1 foot thick). Liner will be cut for the sump entrance to prevent the sump from filling with rain water.
- E-Tank arrived onsite at 0930 to deliver and set up frack tank. The frack tank and equipment is inside secondary containment.
- SC picked up second excavator bucket to be used for the  $\geq$  50 ppm dig areas.
- EFS moved the equipment to the laydown area on mulch in preparation for the potential rain tomorrow.
- HA and KC picked up the water truck (4,000 gallons) for dust suppression.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS (except KC and CH) departed site for the day at 1630.
- CH, KC, and JO departed at 1700.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 2.0 Mobilization

#### 3.0 Site Preparation

• 3.4 – Construction of vehicle wash pad and sump

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work, such as making your presence in machine area known, proper cutting techniques, watch slips, trips, and falls when walking around site, and allowing hand sanitizer to dry before touching any surfaces. EFS and JO completed a COVID health assessment before work each day EFS also reviewed the JHAs for the next stages of work. All personnel participated in the discussions and signed off on safety tailgate form and JHAs.
  - o Scope of day: Construct the decon pad.
  - o Expected contractors: E-Tank for frack tan delivery and set up.
  - o Expected deliveries: Stone delivery decon pad.

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### **UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:**

None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.



Photograph 1 – Establishment of the decon pad.

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Photograph 2 – Frack tank and water treatment equipment with secondary containment.



Photograph 3 – Completed decon pad.



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DATE: 5/14/2020

REPORT NO: 26

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation		
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367	
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 50F, cloudy and rain storms	

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☐ TEST RESULTS ☐ PHOTOGRAPHS ☐ SKETCH	$\square$ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

**Dozer:** CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 7 vehicles (1 - CEC, 6 - EFS),

<u>Fuel Tank</u>: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frack tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

#### **MATERIAL DELIVERED ONSITE:**

• Fiber Wattles: 2,500 sq. ft and 20 bundles of 2ft wooden stakes

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#### **OBSERVATIONS:**

#### Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Chase Chapman (CC), Conner Hedderick (CH), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP)

#### Onsite Activities:

- EFS and CEC arrived onsite around 0720.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0730. All attendees signed-off on EFS' tailgate meeting form. EFS and JO completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0745 with dressing up the mulch for erosion purposes and staging the equipment on stone or mulch in preparation for rain.
- EFS installed a stop sign at the site exit along Concord Rd.
- EFS graded the stone at the entrance and exit of the dry wheel wash.
- Sitech arrived onsite around 1130 to install the GPS model on the excavator and dozer.
- D2 arrived onsite at 1300 to deliver straw wattles. EFS covered the wattles with plastic in preparation for rain.
- Started raining at 1335.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available. X's were marked on the office floor every 6 feet for social distancing.
- BC, SC, DP departed site at 1530.
- EFS locked the fence at both entrances. AC, HA, CH, CC, KC, and JO departed site for the day at 1415.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 2.0 Mobilization

#### 3.0 Site Preparation

- 3.3 Construction of Temporary Access Road
- 3.5 Site Security Measures

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations
  to today's work, such as severe weather protocol, be aware of lightning, and allowing hand sanitizer to dry before
  touching any surfaces. EFS and JO completed a COVID health assessment before work each day. All personnel
  participated in the discussions and signed off on safety tailgate form.
  - O Scope of day: Dress up site (mulch and move equipment)
  - o Expected contractors: Sitech to install GPS models.
  - o Expected deliveries: Fiber wattles

#### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the

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contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.



Photograph 1 – Stop sign at Concord Road.



Photograph 2 – Dry wheel wash surrounding stone grading.



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**REPORT NO: 27** 

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation		
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367	
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 50F, cloudy and rain storms	

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

$\square$ TEST RESULTS	$\square$ SKETCH	$\square$ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 7 vehicles (1 - CEC, 6 - EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATC; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

• None
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#### **OBSERVATIONS:**

#### Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Chase Chapman (CC), Conner Hedderick (CH), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP)

#### Onsite Activities:

- EFS and CEC arrived onsite around 0720.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0730. All attendees signed-off on EFS' tailgate meeting form. EFS and JO completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0745 with prepping for excavation on Monday. EFS confirmed GPS is working as expected in excavator.
- CH and JO completed the weekly erosion control inspection. Rain Thursday Friday, but not measurable.
- EFS finished install of scaffolding.
- KC assigned and discussed the roles of each personnel (i.e. dust suppression, excavating, truck tarpping, manifest process). EFS reviewed the JHAs for the excavation and excavation water management activities. All personnel signed off on JHAs.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS (Except CH and KC) departed site at 1145.
- Started raining at 1145.
- CH, KC, and JO departed site for the day at 1300.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 2.0 Mobilization

#### 3.0 Site Preparation

• 3.5 – Site Security Measures

#### 6.0 Erosion and Sedimentation Control

• 6.1.2 – Inspections

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations
  to today's work, such as severe weather protocol, be aware of lightning, watching for biological hazards when
  picking up equipment, and cutting techniques. EFS and JO completed a COVID health assessment before work
  each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Prep for excavation.
  - o Expected contractors: None.
  - o Expected deliveries: None.
- EFS reviewed the JHAs for the next stages of work (excavation and excavation water management activities). All necessary personnel involved in tasks signed off on JHAs.

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### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.



Photograph 1 – One row of scaffolding for truck lining.



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REPORT NO: 28

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 50F, cloudy

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

$\square$ TEST RESULTS	$\square$ SKETCH	$\square$ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 9 vehicles (2 – CEC, 7 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

•	None					

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#### **OBSERVATIONS:**

#### Site personnel includes:

- CEC Jenny O'Brien (JO), Garrett Welch (GW)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Chase Chapman (CC), Conner Hedderick (CH), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP), Reggie Manavazhi (RM)

#### Onsite Activities:

- EFS and CEC arrived onsite at 0720.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0730. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0745 with beginning excavation in Area H. See excavation notes below.
- CH completed the weekly erosion control inspection. A measurable storm of 1.3 inch of rain occurred Sunday 5/17.
- SC continuously maintained the haul road by rolling and regrading to prevent ruts due to the wet ground.
- An EFS employee family member tested positive for COVID-19. The employee was sent offsite immediately due to potential exposure and will take a COVID-19 test on Tuesday, 5/19.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS (except KC and CH) departed site at 1600.
- CH, KC, JO, and GW departed site for the day at 1700

#### Excavation:

- Location: Area H
- Additional Notes:
  - o Five dump trucks arrived onsite. EFS completed lining of each truck using scaffolding.
  - o AC provided each driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o The first haul truck was sent to Purdy Materials to be weighed in order to check excavator operator. The weight of the loaded haul truck was 18.8 tons.
  - o BC completed the excavation while CC and CH confirmed elevations depths using GPS. CC and CH inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.

#### Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

- Off-site Disposal Location: Waste Management Oak Ridge Recycling and Disposal (Cass County, Indiana)
- Daily Total amount of non-TSCA (PCB <50 ppm) material transported: 319.04 tons / 15 truckloads
- To Date Total amount of non-TSCA (PCB <50 ppm) material transported: 319.04 tons / 15 truckloads

#### Confirmation Sampling:

- Location: None.
- Samples Ship Date: NA

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#### **CONTRACT LINE ITEMS PERFORMED:**

#### 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - $\circ$  4.2.1 <50 and  $\geq$ RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - $\circ$  4.3.1 <50 and  $\geq$ RBROs PCBs

#### 6.0 Erosion and Sedimentation Control

- 6.1.1 Installation and Maintenance of Erosion Control Features
- 6.1.2 Inspections

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations
  to today's work, such as truck lining, giving each truck a map of the site, be aware of truck driving around site,
  and communicate over radios. EFS and CEC completed a COVID health assessment before work each day. All
  personnel participated in the discussions and signed off on safety tailgate form.
  - Scope of day: Excavation of Area H.
  - o Expected contractors: None.
  - o Expected deliveries: None.
- GW and RM reviewed the HASP and JHAs for the next stages of work (excavation and excavation water management activities). GW and RM signed off on HASP and JHAs.

#### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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Photograph 1 – Truck lining.



Photograph 2 – Excavaton of Area H.

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Photograph 3 – Loading truck.



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DATE: 5/19/2020

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#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 50F, rainy

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☐ TEST RESULTS ☐ PHOTOGRAPHS ☐ SKETCH	$\square$ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 10 vehicles (2 - CEC, 8 - EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frack tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

• No	one					

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#### **OBSERVATIONS:**

#### Site personnel includes:

- CEC Jenny O'Brien (JO), Garrett Welch (GW)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Conner Hedderick (CH), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP), Reggie Manavazhi (RM), Adam Herrmann (AH)

#### Onsite Activities:

- KC, GW, and JO arrive onsite at 0630 to evaluate site conditions (0.25 inches of rain today).
- EFS arrived onsite around 0720.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0730. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0745 with continuing excavation in Area H. See excavation notes below.
- Fisher arrived onsite at 1100 to lay out the ≥ 50 ppm excavation areas, verify elevations of the excavated area G and complete QC of the model boundaries.
- Sitech arrived onsite at 1100 to load the backfill model and calibrate the second excavator bucket.
- SC maintained the haul road by rolling and regrading to prevent ruts due to the wet ground.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS (except KC and CH) departed site at 1600.
- CH departed site at 1630.
- KC, JO, and GW departed site for the day at 1700.

#### Excavation:

- Location: Area H and Area G
- Additional Notes:
  - o Nine dump trucks arrived onsite. EFS completed lining of each truck using scaffolding.
  - o AC provided each new drivers with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o BC completed the excavation while CH confirmed elevations depths using GPS. CH inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.

#### Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

- Off-site Disposal Location: Waste Management Oak Ridge Recycling and Disposal (Cass County, Indiana)
- Daily Total amount of non-TSCA (PCB <50 ppm) material transported: 480.21 tons/ 23 truckloads
- To Date Total amount of non-TSCA (PCB <50 ppm) material transported: 799.25 tons/ 38 truckloads

#### Confirmation Sampling:

- Location: Began sampling of Area H.
- Samples Ship Date: NA

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#### **CONTRACT LINE ITEMS PERFORMED:**

### 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - $\circ$  4.2.1 <50 and  $\geq$ RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - $\circ$  4.3.1 <50 and  $\geq$ RBROs PCBs

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, watch slip, trips, and falls on scaffolding, especially when wet, be aware of rainy conditions, and use
  communication via radios. EFS and CEC completed a COVID health assessment before work each day. All
  personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Excavation of Area H and G.
  - o Expected contractors: Fisher and Sitech.
  - o Expected deliveries: None.
- The weekly project call was conducted by EFS with CEC and Arconic. Meeting notes to follow.

#### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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Photograph 1 – Loading truck.



Photograph 2 – Excavaton of Area G.



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REPORT NO: 30

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 50F, cloudy

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☐ TEST RESULTS	⊠ PHOTOGRAPHS	□ SKETCH	☐ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

<u>Passenger Vehicles:</u> 9 vehicles (2 – CEC, 7 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

•	None					

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#### **OBSERVATIONS:**

#### Site personnel includes:

- CEC Jenny O'Brien (JO), Garrett Welch (GW)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Conner Hedderick (CH), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP), Reggie Manavazhi (RM)

#### Onsite Activities:

- EFS and CEC arrived onsite around 0620.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0630. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0645 with continuing excavation in Area G. See excavation notes below.
- SC maintained the haul road by rolling and regrading to prevent ruts.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS (except KC and CH) departed site at 1600.
- JO and GW departed site to drop of lab samples at 1630.
- KC and CH departed site at 1700.

#### Excavation:

- Location: Area G & Area F
- Additional Notes:
  - o Eight dump trucks arrived onsite. EFS completed lining of each truck using scaffolding.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o BC completed the excavation using GPS driven equipment. CH verified the elevations depths using a separate GPS. CH inspected the trucks prior to departure from site and documented inspection.
  - o EFS demobilized the excavator from Area G. EFS cleaned the tracks of the excavator prior to moving. The excavator tracked on geo-fabric, 10 mil plastic, and tires on the haul road to mitigate getting dirt on the road.
  - o EFS installed straw wattles along the creek bank of the completed excavation at the end of the day.

#### Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

- Off-site Disposal Location: Waste Management Oak Ridge Recycling and Disposal (Cass County, Indiana)
- Daily Total amount of non-TSCA (PCB <50 ppm) material transported: 438.12 tons/ 22 truckloads
- To Date Total amount of non-TSCA (PCB <50 ppm) material transported: 1237.37 tons/ 60 truckloads

#### Confirmation Sampling:

- Location: DU 11 and DU 10 (See IMWP Drawings 3 6)
- Samples Ship Date: 5/20/2020

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DATE: 5/20/2020

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#### **CONTRACT LINE ITEMS PERFORMED:**

#### 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - o 4.2.1 <50 and  $\geq$ RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - $\circ$  4.3.1 <50 and  $\geq$ RBROs PCBs

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work, watch slip, trips, and falls on scaffolding, using 3-point contact, and all personnel will need to stay in assigned roles. EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Excavation of Area H and G.
  - o Expected contractors: Fisher and Sitech.
  - o Expected deliveries: None.

#### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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Photograph 1 – Confirmation sampling of Area H



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DATE: 5/21/2020

REPORT NO: 31

PRO	JECT	INFO	RM	ATION

PROJECT NAME: Elliott Ditch Levee Remediation				
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367			
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 50F, cloudy			

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

$\square$ TEST RESULTS	□ SKETCH	$\square$ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 13 vehicles (3 - CEC, 10 - EFS),

<u>Fuel Tank</u>: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

•	None					

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#### **OBSERVATIONS:**

#### Site personnel includes:

- CEC Jenny O'Brien (JO), Garrett Welch (GW), Ian Jorgensen (IJ)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Conner Hedderick (CH), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP), Reggie Manavazhi (RM)

#### Onsite Activities:

- EFS and CEC arrived onsite around 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0615 with continuing excavation in Area G. See excavation notes below.
- SC maintained the haul road by rolling and regrading to prevent ruts.
- EFS executives came onsite to complete a site walk.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS (except KC and CH) departed site at 1600.
- IJ departed site to drop of lab samples at 1630.
- KC and CH departed site at 1700.

#### Excavation:

- Location: Area F
- Additional Notes:
  - Nine dump trucks arrived onsite. EFS completed lining of each truck using scaffolding.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o BC completed the excavation using GPS driven equipment. CH verified the elevations depths using a separate GPS. CH inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the creek bank of the completed excavation at the end of the day.

#### Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

- Off-site Disposal Location: Waste Management Oak Ridge Recycling and Disposal (Cass County, Indiana)
- Daily Total amount of non-TSCA (PCB <50 ppm) material transported: 578.74 tons/ 30 truckloads
- To Date Total amount of non-TSCA (PCB <50 ppm) material transported: 1816.11 tons/ 90 truckloads

#### Confirmation Sampling:

- Location: DU 9 (See IMWP Drawings 3 6)
- Samples Ship Date: 5/21/2020

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#### **CONTRACT LINE ITEMS PERFORMED:**

#### 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - $\circ$  4.2.1 <50 and  $\geq$ RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - $\circ$  4.3.1 <50 and  $\geq$ RBROs PCBs

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, wear PPE, watch slip, trips, and falls on scaffolding, use proper lifting technique, and all personnel
  will need to stay in assigned roles. EFS and CEC completed a COVID health assessment before work each day. All
  personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Excavation of Area F.
  - o Expected contractors: None.
  - o Expected deliveries: None.

#### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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Photograph 1 - Excavation of Area F



Photograph 2 – Checking elevations



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#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation				
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367			
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 70F, cloudy			

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

$\square$ TEST RESULTS	□ SKETCH	$\square$ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 10 vehicles (2 – CEC, 8 – EFS),

<u>Fuel Tank</u>: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

•	None					

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#### **OBSERVATIONS:**

#### Site personnel includes:

- CEC Jenny O'Brien (JO), Ian Jorgensen (IJ)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Conner Hedderick (CH), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP)

#### Onsite Activities:

- EFS and CEC arrived onsite around 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with continuing excavation in Area F. See excavation notes below.
- SC continuously maintained the haul road by rolling and regrading to prevent ruts.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- JO and KC went to Purdy Materials to mark the backfill sample location and will be used in project.
- IJ departed site at 1530.
- Virgin #53 stone was delivered for haul road repair. The stone was compacted and vibrated using the smooth drum roller. This stone was delivered at EFS's discretion and will not be billed to the project.
- EFS locked the fence at both entrances. EFS departed site around 1730
- JO departed site to drop of lab samples at 1615.

#### Excavation:

- Location: Area F, Area E, and Area D
- Additional Notes:
  - o Ten dump trucks arrived onsite. EFS completed lining of each truck using scaffolding.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o BC completed the excavation using GPS driven equipment. CH verified the elevations depths using a separate GPS. CH inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the creek bank of the completed excavation at the end of the day.

#### Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

- Off-site Disposal Location: Waste Management Oak Ridge Recycling and Disposal (Cass County, Indiana)
- Daily Total amount of non-TSCA (PCB <50 ppm) material transported: 677.36 tons/ 35 truckloads
- To Date Total amount of non-TSCA (PCB <50 ppm) material transported: 2,493.47 tons/ 125 truckloads

#### Confirmation Sampling:

- Location: DU 8 (See IMWP Drawings 3 6)
- Samples Ship Date: 5/22/2020

#### **CONTRACT LINE ITEMS PERFORMED:**

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#### 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - $\circ$  4.2.1 <50 and  $\geq$ RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - o 4.3.1 <50 and >RBROs PCBs

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, wear PPE, watch slip, trips, and falls on scaffolding, use proper lifting technique, and stay focused
  during day before long weekend. EFS and CEC completed a COVID health assessment before work each day. All
  personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Excavation of Area F & E.
  - o Expected contractors: None.
  - o Expected deliveries: None.

#### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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Photograph 1 – Truck traveling over dry tire wash



Photograph 2 – Active excavation of Area E

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Photograph 3 – Installation of straw wattles



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**REPORT NO: 33** 

### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 80-90F, sunny

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

$\square$ TEST RESULTS	□ SKETCH	$\square$ ATTACHMENTS

## **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 10 vehicles (2 – CEC, 8 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

•	None					

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#### **OBSERVATIONS:**

## Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP)

#### Onsite Activities:

- EFS and CEC arrived onsite around 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with continuing excavation in Area D. See excavation notes below.
- SC continuously maintained the haul road by rolling and regrading to prevent ruts.
- DP sprayed down the haul road for dust suppression with the water truck.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- CH completed the weekly erosion control inspection. No measurable rain events.
- JO shipped lab samples at 1230 at FedEx.
- EFS locked the fence at both entrances. EFS & CEC departed site around 1730.

#### Excavation:

- Location: Area D
- Additional Notes:
  - o Eight dump trucks arrived onsite. EFS completed lining of each truck using scaffolding.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o BC completed the excavation using GPS driven equipment. CH verified the elevations depths using a separate GPS. CH inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the creek bank of the completed excavation at the end of the day

### Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material transported (tons)	631.18	3,124.65
Truckloads	31	156

#### Confirmation Sampling:

• Location: DU 7 (See IMWP Drawings 3 – 6)

• Samples Ship Date: 5/26/2020

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#### **CONTRACT LINE ITEMS PERFORMED:**

## 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - $\circ$  4.2.1 <50 and  $\geq$ RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - $\circ$  4.3.1 <50 and >RBROs PCBs

#### 6.0 Erosion and Sedimentation Control

- 6.1.1 Installation and Maintenance of Erosion Control Features
- 6.1.2 Inspections

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work, such as scaffolding safety (locking safety chain, not being on scaffolding when trucks are driving through). EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Excavation of Area D.
  - o Expected contractors: None.
  - o Expected deliveries: None.

### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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## **PHOTOGRAPHS**



Photograph 1 – Dust suppression with water truck.



Photograph 2 – Excavation of Area D.

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Photograph 3-Excavator on liner within the >50ppm area.



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#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 80F, partly cloudy

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

$\square$ TEST RESULTS	$\square$ SKETCH	$\square$ ATTACHMENTS

## **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

<u>Passenger Vehicles</u>: 10 vehicles (2 – CEC, 8 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

•	None					

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#### **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP), Eric Likens (EL)

#### Onsite Activities:

- EFS and CEC arrived onsite around 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with continuing excavation in Area D. See excavation notes below.
- SC continuously maintained the haul road by rolling and regrading to prevent ruts. DP sprayed down the haul road for dust suppression with the water truck.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS & CEC departed site around 1600.

#### Excavation:

- Location: Area D
- Additional Notes:
  - o Two dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
  - o Three semi-trucks arrived onsite for the ≥50 ppm material. Trucks arrived pre-lined. Drivers tarp after loading.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o While excavating the ≥50 ppm material, the excavator was positioned on a liner as to not allow the excavator tracks to touch impacted soil. BC completed the excavation using GPS driven equipment. CC verified the elevations depths using a separate GPS. CC inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	25.8	3,150.45
Truckloads	2	158

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	206.54	206.54
Truckloads	9	9

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#### Confirmation Sampling:

• Location: None

• Samples Ship Date: NA

#### **CONTRACT LINE ITEMS PERFORMED:**

### 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - o 4.2.1 <50 and ≥RBROs PCBs
  - o  $4.2.2 \ge 50$  ppm PCBs
- 4.3 Disposal of Impacted Soil
  - o 4.3.1 <50 and ≥RBROs PCBs
  - o 4.3.2 ≥50 ppm PCBs (HERITAGE TO DIRECT INVOICE TO ARCONIC)

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work, such as safety when working around heavy machinery and property technique of using a chain saw (for cutting downed trees). KC and CH reviewed the hazardous materials uniform manifest and placarding process with AC prior to the transportation ≥50 ppm PCBs material. EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Excavation of Area D.
  - o Expected contractors: None.
  - o Expected deliveries: None.

## UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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## **PHOTOGRAPHS**



Photograph 1 – DOT Placarding.



Photograph 2 – Loading Heritage truck.

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Photograph 3 – Excavator on liner within the >50ppm area.



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### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 70F, Rain

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

_			
	☑ TEST RESULTS	□ SKETCH	$\square$ ATTACHMENTS

## **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 10 vehicles (2 – CEC, 8 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

•	None					

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#### **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP), Eric Likens (EL)

#### Onsite Activities:

- EFS and CEC arrived onsite around 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with continuing excavation in Area D. See excavation notes below.
- SC continuously maintained the haul road by rolling and regrading to prevent ruts, especially with the rain.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS & CEC departed site around 1600.

#### Excavation:

- Location: Area D
- Additional Notes:
  - o Five semi-trucks arrived onsite for the ≥50 ppm material. Trucks arrived pre-lined. Drivers tarp after loading.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o While excavating the ≥50 ppm material, the excavator was positioned on a liner as to not allow the excavator tracks to touch impacted soil. BC completed the excavation using GPS driven equipment. CC verified the elevations depths using a separate GPS. CC inspected the trucks prior to departure from site and documented inspection.
  - $\circ$  Landfill rain delay from 0805 0935.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date		
Material Transported (tons)	0	3,150.45		
Truckloads	0	158		

Transportation of TSCA regulated material (PCB >50 ppm) for offsite disposal:

Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	366.17	572.71
Truckloads	15	24

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## Confirmation Sampling:

• Location: None

• Samples Ship Date: NA

#### Laboratory Reports:

• Backfill samples. All 10 samples reported less than the laboratory reporting (<0.0066 mg/kg) for PCBs. See attachment for lab results.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - $\circ$  4.2.1 <50 and  $\geq$ RBROs PCBs
  - o  $4.2.2 \ge 50 \text{ ppm PCBs}$
- 4.3 Disposal of Impacted Soil
  - o 4.3.1 <50 and ≥RBROs PCBs
  - o 4.3.2 ≥50 ppm PCBs (HERITAGE TO DIRECT INVOICE TO ARCONIC)

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work, such as being aware of swing radius of the excavator and trucks entering site and watching trips, slips and falls on the haul road. EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Excavation of Area D.
  - o Expected contractors: None.
  - o Expected deliveries: None.

## UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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## **PHOTOGRAPHS**



Photograph 1 – Loading semi-truck



Photograph 2 – Truck traveling across rumble strips



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#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 70F, partly cloudy

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

$\square$ TEST RESULTS	□ SKETCH	$\square$ ATTACHMENTS

## **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

<u>Passenger Vehicles</u>: 10 vehicles (2 – CEC, 8 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

•	None					

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#### **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP)

#### Onsite Activities:

- EFS and CEC arrived onsite around 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with continuing excavation in Area D. See excavation notes below.
- SC continuously maintained the haul road by rolling and regrading to prevent ruts, especially with the rain.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS departed site around 1500.
- JO took two samples of soil in Area D to assess impact. CEC departed site at 1645.

#### Excavation:

- Location: Area D
- Additional Notes:
  - o Five semi-trucks arrived onsite for the ≥50 ppm material. Trucks arrived pre-lined. Drivers tarp after loading.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o While excavating the ≥50 ppm material, the excavator was positioned on a liner as to not allow the excavator tracks to touch impacted soil. BC completed the excavation using GPS driven equipment. CC verified the elevations depths using a separate GPS. CC inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.

Transportation of non-TSCA regulated material (PCB < 50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	3,150.45
Truckloads	0	158

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	356.73	929.44
Truckloads	15	39

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#### Confirmation Sampling:

• Location: None

• Samples Ship Date: NA

### Laboratory Reports:

- DU11 All samples > 1.0 kg/mg PCBs.
- DU10 All samples > 1.0 kg/mg PCBs.
- DU09 All samples > 1.0 kg/mg PCBs.

#### **CONTRACT LINE ITEMS PERFORMED:**

### 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - o 4.2.1 <50 and ≥RBROs PCBs
  - o  $4.2.2 \ge 50$  ppm PCBs
- 4.3 Disposal of Impacted Soil
  - $\circ$  4.3.1 <50 and  $\geq$ RBROs PCBs
  - o 4.3.2 ≥50 ppm PCBs (HERITAGE TO DIRECT INVOICE TO ARCONIC)

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### **COMMUNICATION:**

## **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work, such as being aware trucks entering site and watching trips, slips and falls on the haul road. EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Excavation of Area D.
  - o Expected contractors: None.
  - o Expected deliveries: None.

## UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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## **PHOTOGRAPHS**



Photograph 1 – Discussing haul route with new driver.



Photograph 2 – Truck taking right turn on Concord Rd.

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Photograph 3 – Area D excavation activities.



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REPORT NO: 37

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation					
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367				
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 70F, Sunny				

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☐ TEST RESULTS ☐ PHOTOGRAPHS ☐ SKETCH ☐ ATTACHMENT	ΓS

## **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

<u>Passenger Vehicles</u>: 10 vehicles (2 – CEC, 8 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

•	None					

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#### **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP)

#### Onsite Activities:

- EFS and CEC arrived onsite around 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with continuing excavation in Area D. See excavation notes below.
- Ms. Marla Hatchel (a resident on the north side of Elliott Ditch) stopped by the office around 0900. See the conversation notes in the communication section below.
- SC continuously maintained the haul road by rolling and regrading to prevent ruts.
- DP sprayed down the haul road for dust suppression with the water truck.
- CH completed the weekly erosion control inspection. No measurable rain events.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS departed site around 1400-1500.

#### Excavation:

- Location: Area D
- Additional Notes:
  - o Six semi-trucks arrived onsite for the ≥50 ppm material. Trucks arrived pre-lined. Drivers tarp after loading.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o While excavating the ≥50 ppm material, the excavator was positioned on a liner as to not allow the excavator tracks to touch impacted soil. BC completed the excavation using GPS driven equipment. CC verified the elevations depths using a separate GPS. CC inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
<b>Material Transported (tons)</b>	0	3,150.45
Truckloads	0	158

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date	
Material Transported (tons)	435.43	1364.87	
Truckloads	18	57	

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#### Confirmation Sampling:

• Location: None

• Samples Ship Date: NA

#### Laboratory Reports:

None received today

#### **CONTRACT LINE ITEMS PERFORMED:**

### 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - $\circ$  4.2.1 <50 and  $\geq$ RBROs PCBs
  - o  $4.2.2 \ge 50$  ppm PCBs
- 4.3 Disposal of Impacted Soil
  - $\circ$  4.3.1 <50 and  $\geq$ RBROs PCBs
  - o 4.3.2 ≥50 ppm PCBs (HERITAGE TO DIRECT INVOICE TO ARCONIC)

#### 6.0 Erosion and Sedimentation Control

- 6.1.1 Installation and Maintenance of Erosion Control Features
- 6.1.2 Inspections

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, such as avoiding walking in excavation and decontaminating boots as necessary. EFS and CEC
  completed a COVID health assessment before work each day. All personnel participated in the discussions and
  signed off on safety tailgate form.
  - o Scope of day: Excavation of Area D.
  - o Expected contractors: None.
  - o Expected deliveries: None.
- Conversation with Ms. Marla Hatchel: Ms. Hatchel spoke to JO about her concerns relating to trees on her property being removed and what would happen with the trees that have been already removed from the south side of the creek. JO informed her that trees will not be removed from her property during this phase of work and that the hope is that the next phase of the project (ditch cleanup) can be conducted from the southern portion of the ditch. JO also informed her that trees and vegetation will be planted after the project is complete. Ms. Hatchel mentioned her concerns about privacy and would like privacy shrubs and mature trees planted. JO stated that the INDR has approved a mitigation plan and it is located on the Elliott Ditch website for review. JO gave her the general Elliott Ditch website and contact information. Ms. Hatchel also informed JO she had not received any updates about the project to which JO directed her to website.

### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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## **PHOTOGRAPHS**



Photograph 1 – Area D Excavation

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Photograph 2 – Weepers to convey water for the haul road.



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DATE: 6/2/2020

REPORT NO: 38

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation					
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367				
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 85F, Sunny				

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

oxtimes TEST RESULTS $oxtimes$ PHOTOGRAPHS		□ SKETCH	⋈ ATTACHMENTS

### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 9 vehicles (1 – CEC, 8 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

•	None				

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#### **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP), Adam Herrmann (AH), Greg Utz (GU)

#### Onsite Activities:

- EFS and CEC arrived onsite around 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with continuing excavation in Area D. See excavation notes below.
- SC continuously maintained the haul road by rolling and regrading to prevent ruts. DP sprayed down the haul road for dust suppression with the water truck.
- GU and AH arrived onsite to complete an EFS internal safety inspection.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS departed site around 1400-1500.
- JO departed site at 1530 to ship samples.

#### Excavation:

- Location: Area D
- Additional Notes:
  - o Six semi-trucks arrived onsite for the ≥50 ppm material. Trucks arrived pre-lined. Drivers tarp after loading.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o While excavating the ≥50 ppm material, the excavator was positioned on a liner as to not allow the excavator tracks to touch impacted soil. BC completed the excavation using GPS driven equipment. CC verified the elevations depths using a separate GPS. CC inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	3,150.45
Truckloads	0	158

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date	
Material Transported (tons)	436.39	1,801.26	
Truckloads	19	76	

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#### Sampling:

- Confirmation Sample Location: None
- Additional Samples: JO took delineation samples in Area D (5 grab samples at 6 inches and 12 inches, each, to be composited into two samples using the incremental sampling approach). Samples shipped on 6/2/2020.

#### Laboratory Reports:

• Two samples of the dark soil in Area D were both reported as < 1 mg/kg, PCBs.

#### **CONTRACT LINE ITEMS PERFORMED:**

### 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - o  $4.2.2 \ge 50$  ppm PCBs
- 4.3 Disposal of Impacted Soil
  - o 4.3.2 ≥50 ppm PCBs (HERITAGE TO DIRECT INVOICE TO ARCONIC)

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### **COMMUNICATION:**

### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, such as watch truck traffic and be aware of high heat today (take breaks, drink water). EFS and CEC
  completed a COVID health assessment before work each day. All personnel participated in the discussions and
  signed off on safety tailgate form.
  - o Scope of day: Excavation of Area D.
  - o Expected contractors: None.
  - o Expected deliveries: None.

## UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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## **PHOTOGRAPHS**



Photograph 1 – Area D excavation.



Photograph 2 – Weepers to convey water for the haul road.



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DATE: 6/3/2020

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#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 85F, Sunny

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

⊠ TEST RESULTS	□ SKETCH	⋈ ATTACHMENTS

### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 9 vehicles (1 – CEC, 8 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

•	None				

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#### **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP)

#### Onsite Activities:

- EFS and CEC arrived onsite around 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with continuing excavation in Area D. See excavation notes below.
- SC continuously maintained the haul road by rolling and regrading to prevent ruts. DP sprayed down the haul road for dust suppression with the water truck.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS (except BC, CC, CH, and KC) departed site around 1600. JO departed site at 1700 to ship samples. BC, CH, CC, and KC departed at 1800.

#### Excavation:

- Location: Area D and Area C
- Additional Notes:
  - o Four semi-trucks arrived onsite for the ≥50 ppm material. Trucks arrived pre-lined. Drivers tarp after loading.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o While excavating the ≥50 ppm material, the excavator was positioned on a liner as to not allow the excavator tracks to touch impacted soil. BC completed the excavation using GPS driven equipment. CC verified the elevations depths using a separate GPS. CC inspected the trucks prior to departure from site and documented inspection.
  - o EFS began excavating Area C. The excavator bucket for ≥50 ppm material was dry decontaminated and the material was loaded with the last semi-truck. The bucket was switched back to the <50ppm bucket.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	3,150.45
Truckloads	0	158

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	298.77	2,100.03
Truckloads	12	88

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#### Sampling:

• Confirmation Sample Location: DU 6

• Additional Samples: None

Laboratory Reports: See Table 1 for results.

• DU08 – All samples < 1.0 kg/mg PCBs (Passed)

• DU07 – All samples > 1.0 kg/mg PCBs (Failed – over excavation required)

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - o  $4.2.2 \ge 50$  ppm PCBs
- 4.3 Disposal of Impacted Soil
  - o 4.3.2 ≥50 ppm PCBs (HERITAGE TO DIRECT INVOICE TO ARCONIC)

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### **COMMUNICATION:**

### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, such as be aware of high heat today (take breaks, drink water). EFS also discussed scaffolding work
  and all personnel signed off on the scaffolding JHA. EFS and CEC completed a COVID health assessment before
  work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Excavation of Area D and Area C.
  - o Expected contractors: None.
  - o Expected deliveries: None.

## UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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## **PHOTOGRAPHS**



Photograph 1 – Water truck dust surpression.



Photograph 2 – Loading  $\geq$ 50 ppm material.

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Photograph 3 – Excavation of Area C.



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DATE: 6/4/2020

REPORT NO: 40

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 85F, Sunny

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

Ī	☐ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

## **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

<u>Passenger Vehicles</u>: 10 vehicles (2 – CEC, 8 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

•	None					

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#### **OBSERVATIONS:**

## Site personnel includes:

- CEC Jenny O'Brien (JO), Ian Jorgensen (IJ)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP)

#### Onsite Activities:

- EFS and CEC arrived onsite at 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with continuing excavation in Area C. See excavation notes below.
- SC continuously maintained the haul road by rolling and regrading to prevent ruts.
- EFS executives came onsite to complete a site walk.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- Fisher arrived onsite to complete post-excavation survey of DU08 (second ½ of Area F). Fisher also quality checked elevations in comparison with EFS equipment in Area C and Area B.
- EFS locked the fence at both entrances. EFS departed site around 1400. CH departed site at 1600. JO & IJ departed site at 1700. JO shipped samples.

#### Excavation:

- Location: Area C
- Additional Notes:
  - o Ten dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o BC completed the excavation using GPS driven equipment. CC verified the elevations depths using a separate GPS. CC inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.
  - $\circ$  EFS switched the excavator bucket back to the  $\geq$ 50 ppm material bucket.

### Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	581.45	3,731.9
Truckloads	27	185

### Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,100.03
Truckloads	0	88

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# Sampling:

- Confirmation Sample Locations: DU05 & DU04. Samples shipped on 6/4/2020.
- Additional Samples: JO took delineation samples in Area E (DU07) (5 grab samples at 6 inches and 12 inches, each, to be composited into two samples using the incremental sampling approach). Samples shipped on 6/4/2020.

Laboratory Reports: None received

#### CONTRACT LINE ITEMS PERFORMED:

# 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - o 4.2.1 <50 and >RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - $\circ$  4.3.1 <50 and  $\geq$ RBROs PCBs

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

# 7.0 Construction Surveying

• 7.3 Post Excavation/Post Backfill

# **COMMUNICATION:**

## **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work, such as be aware of high heat today (take breaks, drink water) and use proper scaffolding techniques. EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Excavation of Area C.
  - o Expected contractors: Fisher
  - o Expected deliveries: None.

# UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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Photograph 1 – Area C excavation.



Photograph 2 – Loading trucks.

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Photograph 3 – Truck tarping after being loaded.



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DATE: 6/5/2020

REPORT NO: 41

# PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 85F, Sunny

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

# THIS REPORT INCLUDES:

□ TEST RESULTS	□ SKETCH	

# **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 9 vehicles (1 - CEC, 8 - EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

# **MATERIAL DELIVERED ONSITE:**

•	None					

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# **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP)

#### Onsite Activities:

- EFS and CEC arrived onsite around 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with continuing excavation in Area B. See excavation notes below.
- Mr. Daniel Grayson (resident at 195 Coldbrook Ct) stopped by the site. See below discussion notes in the communication section.
- SC continuously maintained the haul road by rolling and regrading to prevent ruts.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS departed site around 1400.

#### Excavation:

- Location: Area B
- Additional Notes:
  - o Six semi-trucks arrived onsite for the ≥50 ppm material. EFS completed lining of the dump trucks using scaffolding.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o While excavating the ≥50 ppm material, the excavator was positioned on a liner as to not allow the excavator tracks to touch impacted soil. BC completed the excavation using GPS driven equipment. CC verified the elevations depths using a separate GPS. CC inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	3,731.9
Truckloads	0	185

Transportation of TSCA regulated material (PCB  $\geq$ 50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	442.0	2,542.03
Truckloads	19	107

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### Sampling:

• Confirmation Sample Location: None

• Additional Samples: None

# Laboratory Reports:

• DU10 delineation of

o ED-DU10 - 0.5 – Composite (6 inch depth): <1.0 mg/kg PCB

o ED-DU10 – 1.0 – Composite (6 inch depth): <1.0 mg/kg PCB

#### **CONTRACT LINE ITEMS PERFORMED:**

# 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - $\circ$  4.2.2  $\geq$ 50 ppm PCBs
- 4.3 Disposal of Impacted Soil
  - o 4.3.2 ≥50 ppm PCBs (HERITAGE TO DIRECT INVOICE TO ARCONIC)

# **6.0 Erosion and Sedimentation Control**

• 6.1.1 – Installation and Maintenance of Erosion Control Features

# **COMMUNICATION:**

## **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, such as staying focused and using proper scaffolding techniques. EFS and CEC completed a COVID
  health assessment before work each day. All personnel participated in the discussions and signed off on safety
  tailgate form.
  - o Scope of day: Excavation of Area B.
  - o Expected contractors: None.
  - o Expected deliveries: None.
- Mr. Daniel Grayson (resident at 195 Coldbrook Ct) stopped by the site to discuss the project and some concerns relating to removal of the trees on his property. JO explained that trees will not be removed his property during the Levee cleanup, and CEC's intention is complete work for the ditch cleanup from the southern properties. JO mentioned that is some trees and branches are in the way, CEC might have to remove them but it will be addressed on a case by case basis. Mr. Grayson understood and appreciated the discussion.

# UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

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Photograph 1 – Area B excavation



Photograph 2 – Loading trucks



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DATE: 6/8/2020

REPORT NO: 42

# PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 85F, Sunny

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

# THIS REPORT INCLUDES:

☐ TEST RESULTS ☐ PHOTOGRAPHS ☐ SKETCH	$\square$ ATTACHMENTS

# **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

**Dozer:** CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 9 vehicles (1 - CEC, 8 - EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

# **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials) -30 loads = 616.39 tons

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# **OBSERVATIONS:**

# Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP)

# Onsite Activities:

- EFS and CEC arrived onsite around 0520.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0530. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0540 with continuing excavation in Area B. See excavation notes below.
- SC and CH began backfilling Area F (DU 8) via GPS driven equipment. Patriot arrived onsite to complete density testing. In order to achieve 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank due to bank stability concerns. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- CH completed the weekly erosion control inspection. No measurable rain events.
- EFS locked the fence at both entrances. EFS departed site in shifts from 1530-1700. JO departed site to ship samples at 1630.

#### Excavation:

- Location: Area B
- Additional Notes:
  - o Five semi-trucks arrived onsite for the ≥50 ppm material. Trucks arrived pre-lined. Trucks tarped following loading.
  - o The excavator bucket for ≥50 ppm material was gross decontaminated and the material was loaded with the last semi-truck.
  - o Seven dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding. EFS changed excavator buckets.
  - O AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o While excavating the ≥50 ppm material, the excavator was positioned on a liner as to not allow the excavator tracks to touch impacted soil. BC completed the excavation using GPS driven equipment. CC verified the elevations depths using a separate GPS. CC inspected the trucks prior to departure from site and documented inspection.
  - EFS installed straw wattles along the bank of completed excavation at the end of the day.

# Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	331.27	4,063.17
Truckloads	17	202

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Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	139.8	2,681.83
Truckloads	6	113

# Sampling:

• Confirmation Sample Location: DU03

• Additional Samples: None

Laboratory Reports: None received

# **CONTRACT LINE ITEMS PERFORMED:**

# 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - o 4.2.1 <50 and  $\geq$ RBROs PCBs
  - o  $4.2.2 \ge 50 \text{ ppm PCBs}$
- 4.3 Disposal of Impacted Soil
  - $\circ$  4.3.1 <50 and  $\geq$ RBROs PCBs
  - o 4.3.2 ≥50 ppm PCBs (HERITAGE TO DIRECT INVOICE TO ARCONIC)

# 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

- 6.1.1 Installation and Maintenance of Erosion Control Features
- 6.1.2 Inspections

# **COMMUNICATION:**

# **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, such as being aware of backfill trucks entering and leaving R&B Management property. EFS and
  CEC completed a COVID health assessment before work each day. All personnel participated in the discussions
  and signed off on safety tailgate form.
  - o Scope of day: Excavation of Area B.
  - o Expected contractors: Patriot.
  - o Expected deliveries: Backfill.

# UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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Photograph 1 – Backfill of DU08



Photograph 2 – Spreading and rolling backfill

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Photograph 3 – Excavating Area B



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DATE: 6/9/2020

REPORT NO: 43

# PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 85F, sunny, afternoon rain

### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

# THIS REPORT INCLUDES:

Γ			
	$\square$ TEST RESULTS	$\square$ SKETCH	$\square$ ATTACHMENTS

# **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 10 vehicles (2 – CEC, 8 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

# **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials) -23 loads = 480.04 tons

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DATE: 6/9/2020

REPORT NO: 43

# **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO), Ian Jorgenson (IJ)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP), Adam Herrmann (AH)

# Onsite Activities:

- EFS and CEC arrived onsite around 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with continuing excavation in Area B. See excavation notes below.
- SC and CH began backfilling Area F (DU 8) via GPS driven equipment. Patriot arrived onsite to complete density testing. In order to achieve 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank due to bank stability concerns. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS departed site at 1600-1700. IJ departed at 1545. JO departed at 1645.

#### Excavation:

- Location: Area B
- Additional Notes:
  - Seven dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o BC completed the excavation using GPS driven equipment. CC verified the elevations depths using a separate GPS. CC inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.
  - o EFS hand dug within a foot of the sanitary sewers in Area B.
  - o At the end of Area B, the excavator was positioned on a liner as to not allow the excavator tracks to touch impacted soil. EFS decontaminated the excavator tracks using chisel hammer over the plastic.

# Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date	
Material Transported (tons)	560.39	4,623.56	
Truckloads	29	231	

# Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,681.83
Truckloads	0	113

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# Sampling:

• Confirmation Sample Location: Began DU02

Additional Samples: None

Laboratory Reports: None received

#### CONTRACT LINE ITEMS PERFORMED:

# 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - o 4.2.1 <50 and >RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - $\circ$  4.3.1 <50 and  $\geq$ RBROs PCBs

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### **COMMUNICATION:**

# **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, such as being aware of backfill trucks entering and leaving R&B Management property and being
  cautious when excavating/hand digging around the manholes in Area B. EFS and CEC completed a COVID health
  assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate
  form.
  - o Scope of day: Excavation of Area B.
  - o Expected contractors: None.
  - o Expected deliveries: Backfill.

# UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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Photograph 1 – Backfill of DU08



Photograph 2 – Gross decontamination of the excavator tracks



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DATE: 6/10/2020

REPORT NO: 44

# PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 85F, Sunny

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☐ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

# **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

<u>Passenger Vehicles</u>: 10 vehicles (2 – CEC, 8 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

# **MATERIAL DELIVERED ONSITE:**

•	None					

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DATE: 6/10/2020

REPORT NO: 44

# **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO), Ian Jorgenson (IJ)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP)

#### Onsite Activities:

- EFS and CEC arrived onsite around 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with continuing excavation in Area B. See excavation notes below.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS departed site at 1500. IJ departed at 1430. JO departed at 1530 to ship samples.

#### **Excavation:**

- Location: Area B, Area A, and over-excavation of Area G and H
- Additional Notes:
  - Seven dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o BC completed the excavation using GPS driven equipment. CC verified the elevations depths using a separate GPS. CC inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.
  - o At the end of Area B, the excavator was positioned on a liner as to not allow the excavator tracks to touch impacted soil. EFS decontaminated the excavator tracks using chisel hammer over the plastic.
  - o A mechanic arrived onsite to install a straight edge on one of the buckets to assist with the over excavation.
  - o The excavator was tracked back to Area G along the haul road. Area G was over-excavated an additional 6 inches to elevation 638.3.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	525.85	5.149.41
Truckloads	26	257

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,681.83
Truckloads	0	113

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### Sampling:

Confirmation Sample Location: DU02, DU01, DU 11 2

• Additional Samples: None

Laboratory Reports: None received

# **CONTRACT LINE ITEMS PERFORMED:**

# 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - $\circ$  4.2.1 <50 and >RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - o 4.3.1 <50 and ≥RBROs PCBs

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

**Berm Over-Excavation** 

# **COMMUNICATION:**

# **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, such as checking the back tailgate of the dump trucks to make sure they are latched prior to loading.
  EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the
  discussions and signed off on safety tailgate form.
  - Scope of day: Excavation of Area B, Area A, and over-excavation of Area G.
  - o Expected contractors: Mechanic to add straight edge to excavator bucket.
  - o Expected deliveries: None.

# UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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Photograph 1 – Tracking of excavator back to Area H



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DATE: 6/11/2020

REPORT NO: 45

# PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 85F, Sunny

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

# THIS REPORT INCLUDES:

□ TEST RESULTS	□ SKETCH	⋈ ATTACHMENTS

# **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 9 vehicles (1 - CEC, 8 - EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

# **MATERIAL DELIVERED ONSITE:**

•	None					

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#### **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP)

# Onsite Activities:

- EFS and CEC arrived onsite at 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with continuing excavation in Area H. See excavation notes below.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- KC, DP, and JO mobilized to Winstead topsoil pile to take composition samples and PCB samples.
- DP sprayed the haul road with water for dust suppression purposes.
- EFS locked the fence at both entrances. EFS departed site at 1400-1500. JO departed at 1600 to ship samples.

#### **Excavation:**

- Location: Over-excavation of Area H and F
- Additional Notes:
  - o Area H was over-excavated an additional 12 inches to elevation 635.8. Area F was over-excavated an additional 6 inches to elevation 636.0.
  - Seven dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o BC completed the excavation using GPS driven equipment. CC verified the elevations depths using a separate GPS. CC inspected the trucks prior to departure from site and documented inspection.
  - o At the end of Area H, the excavator was tracked on liner on the haul road around the no dig area.
  - o Prior to removing the creek side berms in the backfilled portion of F (DU08), the excavator was positioned on a liner as to not allow the excavator tracks to touch clean soil. EFS decontaminated the excavator tracks using chisel hammer over the plastic.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	403.48	5,552.89
Truckloads	21	278

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,681.83
Truckloads	0	113

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# Sampling:

• Confirmation Sample Location: DU10_2

• Additional Samples: Topsoil PCB samples

Laboratory Reports: See attachments for results.

- Delineation of DU 07:
  - o ED-DU07 0.5 Composite (6 inch depth): <1.0 mg/kg PCB
  - o ED-DU07 1.0 Composite (6 inch depth): <1.0 mg/kg PCB
- DU06:
  - o All samples > 1.0 kg/mg PCBs (Failed over excavation required)

# **CONTRACT LINE ITEMS PERFORMED:**

# 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - 4.2.1 <50 and >RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - o 4.3.1 <50 and >RBROs PCBs

### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### **Berm Over-Excavation**

# **COMMUNICATION:**

# **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, such as wearing PPE and using caution while lining trucks. EFS and CEC completed a COVID health
  assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate
  form.
  - o Scope of day: Over-excavation of G, F
  - o Expected contractors: None.
  - o Expected deliveries: None.

# UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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Photograph 1 – Lining trucks



Photograph 2 – Excavator positioned on liner to go around no-dig area

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Photograph 3 – Excavating Area F



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DATE: 6/12/2020

REPORT NO: 46

# PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 85F, Sunny

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

# THIS REPORT INCLUDES:

□ TEST RESULTS	□ SKETCH	

# **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 9 vehicles (1 - CEC, 8 - EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

# **MATERIAL DELIVERED ONSITE:**

•	None					

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# **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP)

# Onsite Activities:

- EFS and CEC arrived onsite around 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with continuing excavation in Area H. See excavation notes below.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- DP sprayed down the haul road with water for dust suppression.
- SC backfilled the areas where berms were removed in DU08 (Area F). The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank due to bank stability concerns. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.
- EFS locked the fence at both entrances. EFS departed site between 1400-1500. JO departed at 1500 to ship samples.

# Excavation:

- Location: Over-excavation of Area E and D
- Additional Notes:
  - Area E (DU07) was over-excavated an additional 12 inches to elevation 637.0. The first half of Area D (DU06) was over-excavated an additional 6 inches to elevation 634.5.
  - o Six dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o BC completed the excavation using GPS driven equipment. CC verified the elevations depths using a separate GPS. CC inspected the trucks prior to departure from site and documented inspection.
  - o At the end of Area H, the excavator was tracked on liner on the haul road around the no dig area.
  - O Prior to removing the creek side berms in the backfilled portion of F (DU08) and while digging Area E, the excavator was positioned on a liner as to not allow the excavator tracks to touch clean soil or non-impacted soil in the no dig area. EFS decontaminated the excavator tracks using chisel hammer over the plastic.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.

Transportation of non-TSCA regulated material (PCB < 50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	292.63	5,845.52
Truckloads	16	294

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Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,681.83
Truckloads	0	113

#### Sampling:

- Confirmation Sampling Location: DU09 2
- Additional Samples: None

Laboratory Reports: See attachments for results.

- DU05:
  - All samples > 1.0 kg/mg PCBs with the exception of the Primary sample which was non-detect (Failed over excavation required)
- DU04:
  - o All samples > 1.0 kg/mg PCBs (Failed over excavation required)

# **CONTRACT LINE ITEMS PERFORMED:**

# 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - o 4.2.1 <50 and >RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - $\circ$  4.3.1 <50 and  $\geq$ RBROs PCBs

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

# 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### **Berm Over-Excavation**

#### **COMMUNICATION:**

# **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, such as wearing PPE and using caution while lining trucks. EFS and CEC completed a COVID health
  assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate
  form.
  - o Scope of day: Over-excavation of E and D
  - o Expected contractors: None.
  - o Expected deliveries: None.

# UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

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NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.



Photograph 1 – Backfill of DU08 (Area F)



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**REPORT NO: 47** 

# PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 85F, Sunny

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☐ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

# **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 9 vehicles (1 – CEC, 8 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

# **MATERIAL DELIVERED ONSITE:**

•	None					

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DATE: 6/15/2020

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# **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP)

# Onsite Activities:

- EFS and CEC arrived onsite around 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with continuing excavation in Area D. See excavation notes below.
- DP sprayed down the haul road with water for dust suppression.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- CH completed the weekly erosion control inspection. No measurable rain events.
- EFS locked the fence at both entrances. EFS departed site around 1500. JO departed at 1530 to ship samples.

#### Excavation:

- Location: Over-excavation of Area D
- Additional Notes:
  - o The Area D (DU06 and DU07) was over-excavated an additional 6 inches to elevation 634.5.
  - o Two Heritage semi-truck arrived onsite for the berm removal of ≥50 ppm material in Area D. Truck arrived pre-lined. Trucks tarped following loading.
  - o The excavator bucket was gross decontaminated after excavation of the  $\geq$ 50 ppm.
  - o Eight dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o BC completed the excavation using GPS driven equipment. CC verified the elevations depths using a separate GPS. CC inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	396.97	6,242.49
Truckloads	20	314

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	43.94	2,725.77
Truckloads	2	115

# Sampling:

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Confirmation Sample Location: DU07 2

• Additional Samples: None

Laboratory Reports: None

# **CONTRACT LINE ITEMS PERFORMED:**

# 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - o 4.2.1 <50 and ≥RBROs PCBs
  - o  $4.2.2 \ge 50 \text{ ppm PCBs}$
- 4.3 Disposal of Impacted Soil
  - o 4.3.1 <50 and ≥RBROs PCBs
  - o 4.3.2 ≥50 ppm PCBs (HERITAGE TO DIRECT INVOICE TO ARCONIC)

#### 6.0 Erosion and Sedimentation Control

- 6.1.1 Installation and Maintenance of Erosion Control Features
- 6.1.2 Inspections

#### **Berm Over-Excavation**

#### **COMMUNICATION:**

# **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work, such as caution with where the heritage truck is being loaded due to the deep excavation. EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Over-excavation Area D
  - o Expected contractors: None.
  - o Expected deliveries: None.

# UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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Photograph 1 – Over excavation of Area D



Photograph 2 – Confirming excavation depth via GPS

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Photograph 3 – Fiber wattle install in Area D



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DATE: 6/16/2020

REPORT NO: 48

# PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 85F, Sunny

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

# THIS REPORT INCLUDES:

$\square$ TEST RESULTS	□ SKETCH	$\square$ ATTACHMENTS

# **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 9 vehicles (1 - CEC, 8 - EFS),

<u>Fuel Tank</u>: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

# **MATERIAL DELIVERED ONSITE:**

• N	Vone					

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DATE: 6/16/2020

REPORT NO: 48

# **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Scott Coles (SC), Dustin Perry (DP)

#### Onsite Activities:

- EFS and CEC arrived onsite around 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with continuing excavation in Area C. See excavation notes below.
- DP sprayed down the haul road for dust suppression.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS departed site around 1400. JO departed at 1700 to ship samples.

#### Excavation:

- Location: Over-excavation of Area D and Area C
- Additional Notes:
  - o Area D (DU06 and DU07) was over-excavated an additional 6 inches to elevation 634.5. Area C was over-excavated an additional 12 inches to elevation 637.5.
  - Seven dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o BC completed the excavation using GPS driven equipment. CC verified the elevations depths using a separate GPS. CC inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.

Transportation of non-TSCA regulated material (PCB < 50 ppm) for offsite disposal:

Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	497.74	6,740.23
Truckloads	23	337

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

#### Sampling:

- Confirmation Sample Location: DU06 2
- Additional Samples: None

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Laboratory Reports: No sample results received.

## **CONTRACT LINE ITEMS PERFORMED:**

## 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - o 4.2.1 <50 and  $\geq$ RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - o 4.3.1 <50 and >RBROs PCBs

## 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

**Berm Over-Excavation** 

## **COMMUNICATION:**

## **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, such as wearing PPE and using proper scaffolding techniques. EFS and CEC completed a COVID
  health assessment before work each day. All personnel participated in the discussions and signed off on safety
  tailgate form.
  - o Scope of day: Over-excavation Area C.
  - o Expected contractors: None.
  - o Expected deliveries: None.

## UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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## **PHOTOGRAPHS**



Photograph 1 – Over excavating in Area C



Photograph 2 – Loading trucks

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Photograph 3 – Dust suppression of haul road



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## PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 85F, Sunny

### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck	
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski	
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman	

## THIS REPORT INCLUDES:

☑ TEST RESULTS	□ SKETCH	⋈ ATTACHMENTS

## **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 9 vehicles (1 - CEC, 8 - EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

## **MATERIAL DELIVERED ONSITE:**

•	None					

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## **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Dustin Perry (DP)

## Onsite Activities:

- EFS and CEC arrived onsite around 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with continuing excavation in Area C. See excavation notes below.
- DP sprayed down the haul road for dust suppression.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS departed site around 1430. JO departed at 1630 to ship samples.

### Excavation:

- Location: Over-excavation of Area C
- Additional Notes:
  - Area C was over-excavated an additional 12 inches to elevation 637.5.
  - o Note Area B lab results were due on 6/16. However, lab is delayed and results are expected 6/17.
  - o Six dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
  - o CH provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o BC completed the excavation using GPS driven equipment. CC verified the elevations depths using a separate GPS. CC inspected the trucks prior to departure from site and documented inspection.
  - O Because the sample results for Area B were not available, at the end of Area C, the excavator was positioned on a liner as to not allow the excavator tracks to touch potentially clean soil. EFS decontaminated the excavator tracks using chisel hammer over the plastic.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.
  - o Final dump truck departed site around 1230 following completion of excavation activities.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	368.68	7,108.91
Truckloads	17	354

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

### Sampling:

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• Confirmation Sample Location: DU05 2

• Additional Samples: None

Laboratory Reports: See attachments for results.

- DU03:
  - o All samples > 1.0 kg/mg PCBs (Failed over excavation required)

## **CONTRACT LINE ITEMS PERFORMED:**

## 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - $\circ$  4.2.1 <50 and  $\geq$ RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - $\circ$  4.3.1 <50 and  $\geq$ RBROs PCBs

## 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

**Berm Over-Excavation** 

## **COMMUNICATION:**

## **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, such as using proper scaffolding techniques. EFS and CEC completed a COVID health assessment
  before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Over-excavation Area C.
  - o Expected contractors: None.
  - o Expected deliveries: None.

## UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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## **PHOTOGRAPHS**



Photograph 1 – Over excavating in Area C



Photograph 2 – Gross decontaminating the excavator tracks

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Photograph 3 – Excavator sitting on liner after decon while excavating Area C



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DATE: 6/18/2020

REPORT NO: 50

## PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 85F, Sunny

### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

### THIS REPORT INCLUDES:

⊠ TEST RESULTS	□ SKETCH	

## **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 8 vehicles (2 – CEC, 6 – EFS)

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

## **MATERIAL DELIVERED ONSITE:**

•	None				

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DATE: 6/18/2020

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## **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO), Ian Jorgensen (IJ)
- EFS Kevin Chapman (KC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Dustin Perry (DP)

## Onsite Activities:

- EFS and CEC arrived onsite around 0720.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0730. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS removed silt fence from the Arconic Lafayette Facility.
- EFS locked the fence at both entrances. IJ and EFS departed site around 1530. JO departed at 1630 to ship samples.

#### **Excavation:**

- Location: Limited soil excavation preparation was completed in Area B in an effort to expedite offsite soil disposal.
- Additional Notes:
  - o The first half of Area B (DU03) preliminary lab results were received the evening of 6/17. Therefore, trucks were not available due to late notice.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	7,108.91
Truckloads	0	354

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

## Sampling:

• Confirmation Sample Location: DU04 2

Additional Samples: None

Laboratory Reports: See attachments for results.

- DU02:
  - o All samples > 1.0 kg/mg PCBs (Failed over excavation required)
- DU01:
  - o All samples > 1.0 kg/mg PCBs (Failed over excavation required)
- DU11 02:
  - o All samples < 1.0 kg/mg PCBs (Passed over excavation not required)

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## **CONTRACT LINE ITEMS PERFORMED:**

## 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

## **COMMUNICATION:**

## **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, such as wearing proper PPE, using cut resistant gloves, and completing tick checks. EFS will receive
  training at the Arconic facility. EFS and CEC completed a COVID health assessment before work each day. All
  personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Remove silt fence at Arconic facility.
  - o Expected contractors: None.
  - o Expected deliveries: None.

## UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.



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DATE: 6/19/2020

REPORT NO: 51

## PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 85F, Sunny

### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

## THIS REPORT INCLUDES:

□ TEST RESULTS	□ SKETCH	

## **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 9 vehicles (1 - CEC, 8 - EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

## **MATERIAL DELIVERED ONSITE:**

•	None					

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## **OBSERVATIONS:**

## Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Dustin Perry (DP)

## Onsite Activities:

- EFS and CEC arrived onsite around 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with continuing excavation in Area B. See excavation notes below.
- DP sprayed down the haul road with water for dust suppression.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS and JO departed site around 1430.

### Excavation:

- Location: Over-excavation of Area C
- Additional Notes:
  - o The first half of Area B (DU03) was over-excavated an additional 12 inches to elevation 636.7.
  - o Seven dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
  - o CH provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o BC completed the excavation using GPS driven equipment. CC verified the elevations depths using a separate GPS. CC inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.

## Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	468.24	7,577.15
Truckloads	24	378

## Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

## Sampling:

- Confirmation Sample Location: None.
- Additional Samples: None.

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Laboratory Reports: See attachments for results.

- DU10 02:
  - o All samples > 1.0 kg/mg PCBs (Failed over excavation required)

Other Laboratory Results:

• Topsoil - All samples < 1.0 kg/mg PCBs (Passed – available for use onsite)

## **CONTRACT LINE ITEMS PERFORMED:**

## 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - o 4.2.1 <50 and ≥RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - $\circ$  4.3.1 <50 and  $\geq$ RBROs PCBs

## 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

**Berm Over-Excavation** 

## **COMMUNICATION:**

## **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, such as using proper scaffolding techniques and making sure the back of the dump truck is latched.
  EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the
  discussions and signed off on safety tailgate form.
  - o Scope of day: Over-excavation Area B.
  - o Expected contractors: None.
  - Expected deliveries: None.

## UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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## **PHOTOGRAPHS**



Photograph 1 – Over-excavating in Area B



Photograph 2 – Loading dump trucks

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Photograph 3 – Dump truck driving over rubble strips



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REPORT NO: 52

## PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 90F, Sunny

## **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

## THIS REPORT INCLUDES:

□ TEST RESULTS	□ SKETCH	

## **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 9 vehicles (1 - CEC, 8 - EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

## **MATERIAL DELIVERED ONSITE:**

•	<ul><li>None</li></ul>			

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## **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Dustin Perry (DP), Andrew Chapman (AC)

## Onsite Activities:

- EFS and CEC arrived onsite around 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with continuing excavation in Area B. See excavation notes below.
- DP sprayed down the haul road with water for dust suppression.
- CH completed a weekly stormwater inspection. No measurable rain events have occurred in the past week.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS departed site around 1430. JO departed at 1500.

### Excavation:

- Location: Over-excavation of Area B
- Additional Notes:
  - o Area B (DU03 and DU02) was over-excavated an additional 12 inches to elevation 636.7.
  - O Six dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
  - o CH provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o BC completed the excavation using GPS driven equipment. CC verified the elevations depths using a separate GPS. CC inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.

Transportation of non-TSCA regulated material (PCB < 50 ppm) for offsite disposal:

Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date	
Material Transported (tons)	414.76	7,991.91	
Truckloads	22	400	

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

### Sampling:

- Confirmation Sample Location: None.
- Additional Samples: None.

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Laboratory Reports: See attachments for results.

- DU 09 02:
  - o Highest sample result > 1.0 kg/mg PCBs (Failed over excavation required)

### **CONTRACT LINE ITEMS PERFORMED:**

## 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - $\circ$  4.2.1 <50 and >RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - $\circ$  4.3.1 <50 and >RBROs PCBs

## 6.0 Erosion and Sedimentation Control

- 6.1.1 Installation and Maintenance of Erosion Control Features
- 6.1.2 Inspection

## **Berm Over-Excavation**

## **COMMUNICATION:**

## **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, such as using proper scaffolding techniques and making sure the back of the dump truck is latched.
  EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the
  discussions and signed off on safety tailgate form.
  - o Scope of day: Over-excavation Area B.
  - o Expected contractors: None.
  - o Expected deliveries: None.

## UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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## **PHOTOGRAPHS**



Photograph 1 – Ongoing soil excavation activities.



Photograph 2 – Excavating in Area B.

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Photograph 3 – Hand digging around the manhole in Area B.



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REPORT NO: 53

## PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 80F, Sunny

## **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

### THIS REPORT INCLUDES:

⊠ TEST RESULTS	□ SKETCH	

## **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 10 vehicles (2 – CEC, 8 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

## **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials) -26 loads = 534.71 tons

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DATE: 6/23/2020

REPORT NO: 53

## **OBSERVATIONS:**

## Site personnel includes:

- CEC Jenny O'Brien (JO), Ian Jorgensen (IJ)
- EFS Kevin Chapman (KC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Dustin Perry (DP), Andrew Chapman (AC)

### Onsite Activities:

- EFS and JO arrived onsite at 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with continuing excavation in Area B. See excavation notes below.
- Fisher (Surveying) arrived onsite to complete post-excavation survey of DU11 (Area H). Elevations were confirmed at or below 363.3. Fisher wrote elevations of post-excavation on 2 flags/cross section for 3 cross sections for confirmation prior to backfill.
- IJ arrived onsite around 0900.
- DP and KC began backfilling Area G (DU 11). See backfill notes below
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- IJ departed site at 1400.
- EFS locked the fence at both entrances. EFS departed site around 1630. JO departed at 1630 to ship samples.

#### Excavation:

- Location: Over-excavation of Area B, A, and G.
- Additional Notes:
  - Area B (DU03 and DU02) was over-excavated an additional 12 inches to elevation 636.7. Area A (DU01) was over-excavated an additional 6 inches to elevation 638.2. Area G (DU10) was over-excavated an additional 6 inches to elevation 635.3.
  - Six dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o BC completed the excavation using GPS driven equipment. CC verified the elevations depths using a separate GPS. CC inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.
  - O At the end of Area A, the excavator was positioned on a liner as to not allow the excavator tracks to touch impacted soil. EFS decontaminated the excavator tracks using chisel hammer over the plastic. The plastic was loaded with the last load from Area A. The excavator was tracked back to Area G on the haul road.

## Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	368.20	8,360.11
Truckloads	21	421

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REPORT NO: 53

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

## Backfill:

- Location: Area H (DU 11)
- Additional Notes:
  - o DP backfilled using GPS driven equipment (dozer and roller).
  - O Patriot arrived onsite to complete additional density tests. To achieve a minimum 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve 90% compaction by completing passes perpendicular to the bank.

## Sampling:

- Confirmation Sample Location: DU03 02 and DU02 02.
- Additional Samples: None.

Laboratory Reports: See attachments for results.

- DU 07 02:
  - o Highest sample result > 1.0 kg/mg PCBs (Failed over excavation required)

## **CONTRACT LINE ITEMS PERFORMED:**

## 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - $\circ$  4.2.1 <50 and >RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - $\circ$  4.3.1 <50 and  $\geq$ RBROs PCBs

## **5.0 Site Restoration**

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

## **COMMUNICATION:**

## **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work, such as using caution when walking around on wet surfaces. EFS and CEC completed a COVID health assessment. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Over-excavation Area B and A.
  - o Expected contractors: Fisher and Patriot.
  - o Expected deliveries: Backfill.

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## UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

## **PHOTOGRAPHS**



Photograph 1 –Surveyed bottom elevation in Area H.



Photograph 2 – Backfilling in Area H.

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DATE: 6/23/2020

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Photograph 3 – Grading backfill in Area H.



2704 Cherokee Farm Way, Suite 101 Knoxville, Tennessee 37920

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DATE: 6/24/2020

REPORT NO: 54

## PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 80F, Sunny

### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

### THIS REPORT INCLUDES:

⊠ TEST RESULTS	□ SKETCH	

## **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 9 vehicles (2 – CEC, 7 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

## **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials) -10 loads = 207.16 tons

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DATE: 6/24/2020

REPORT NO: 54

## **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Dustin Perry (DP), Andrew Chapman (AC), Scott Coles (SC)

## Onsite Activities:

- EFS and CEC arrived onsite around 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with continuing excavation in Area G. See excavation notes below.
- SC and CH continued backfilling Area G (DU 11). See backfill notes below
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS departed site around 1530. JO departed at 1630 to ship samples.

### Excavation:

- Location: Over-excavation of Area G and F
- Additional Notes:
  - o Area G (DU10) was over-excavated an additional 6 inches to elevation 635.3. The first half of Area F (DU09) was over-excavated an additional 6 inches to 635.5.
  - Five dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o BC completed the excavation using GPS driven equipment. CC verified the elevations depths using a separate GPS. CC inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.
  - o At the end of Area G, the excavator was positioned on a liner as to not allow the excavator tracks to touch non-impacted soil of the no-dig area. The plastic was loaded with the last load from Area G.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	312.8	8,672.91
Truckloads	18	439

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

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## Backfill:

- Location: Area H (DU 11)
- Additional Notes:
  - o One dump trucks arrived onsite with backfill from Purdy Materials.
  - o SC backfilled using GPS driven equipment (dozer) and CH rolled the backfill.
  - o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank due to bank stability concerns. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.

## Sampling:

- Confirmation Sample Location: DU01 02.
- Additional Samples: None.

Laboratory Reports: See attachments for results.

- DU 06_02:
  - o All sample results < 1.0 kg/mg PCBs (Passed over excavation not required)

## **CONTRACT LINE ITEMS PERFORMED:**

## 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - $\circ$  4.2.1 <50 and  $\geq$ RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - $\circ$  4.3.1 <50 and  $\geq$ RBROs PCBs

## 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

## **COMMUNICATION:**

## **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, such as using caution when working around the dump trucks. EFS and CEC completed a COVID
  health assessment before work each day. All personnel participated in the discussions and signed off on safety
  tailgate form.
  - Scope of day: Over-excavation Area G and F.
  - o Expected contractors: None.
  - o Expected deliveries: None.

## UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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## **PHOTOGRAPHS**



Photograph 1 – Grading and rolling backfill in Area H.



Photograph 2 – Grading backfill in Area H.



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DATE: 6/25/2020

REPORT NO: 55

## PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 80F, Sunny

### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

## THIS REPORT INCLUDES:

☑ TEST RESULTS	□ SKETCH	

## **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 8 vehicles (1 - CEC, 7 - EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frac Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

## **MATERIAL DELIVERED ONSITE:**

•	None					

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DATE: 6/25/2020

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## **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Dustin Perry (DP), Andrew Chapman (AC), Scott Coles (SC)

## Onsite Activities:

- EFS and CEC arrived onsite around 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with continuing excavation in Area F. See excavation notes below.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- DP sprayed down the haul road with water for dust suppression.
- EFS locked the fence at both entrances. EFS departed site around 1430. JO departed at 1430 to ship samples.

## Excavation:

- Location: Over-excavation of Area F and E
- Additional Notes:
  - o The first half of Area F (DU09) was over-excavated an additional 6 inches to 635.5. Area E (DU07) was over-excavated an additional 6 inches to 636.5.
  - o Five dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o SC completed the excavation using GPS driven equipment. CC verified the elevations depths using a separate GPS. CC inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.
  - O At the end of Area F and Area E, the excavator was positioned on a liner as to not allow the excavator tracks to touch backfill soil of Area F. EFS decontaminated the excavator tracks using chisel hammer over the plastic. The plastic was loaded with the last load from Area F and Area E. The excavator was tracked back to Area E through the backfilled Area F. At the end of Area E, the excavator was tracked on the haul road to Area C.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	197.71	8,870.62
Truckloads	12	451

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

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## Backfill:

• Location: No backfill occurred today due DU06 results being available after COB on Wednesday. EFS was unable to schedule Fisher to confirm over-excavation elevation.

## Sampling:

- Confirmation Sample Location: DU10 03.
- Additional Samples: None.

Laboratory Reports: See attachments for results.

- DU 05 02:
  - o All sample results < 1.0 kg/mg PCBs (Passed over excavation not required)

## **CONTRACT LINE ITEMS PERFORMED:**

## 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - o 4.2.1 <50 and >RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - $\circ$  4.3.1 <50 and >RBROs PCBs

## 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

## **COMMUNICATION:**

## **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, such as using caution when decontaminating the excavator tracks. EFS and CEC completed a COVID
  health assessment before work each day. All personnel participated in the discussions and signed off on safety
  tailgate form.
  - o Scope of day: Over-excavation Area F & E.
  - o Expected contractors: None.
  - o Expected deliveries: None.

## UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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## **PHOTOGRAPHS**



Photograph 1 – Gross decontamination of excavator tracks.



Photograph 2 – Haul truck passing through rubble strips.

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Photograph 3 – Tracking the excavator back to Area C (spotters helping due to overhead telecommunication line).



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DATE: 6/26/2020

REPORT NO: 56

## PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 80F, Cloudy- scattered showers

### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

## THIS REPORT INCLUDES:

☑ TEST RESULTS	□ SKETCH	

## **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 8 vehicles (1 - CEC, 7 - EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frac Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

## **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials) – 21 loads = 423 tons

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DATE: 6/26/2020

REPORT NO: 55

#### **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Dustin Perry (DP), Andrew Chapman (AC), Scott Coles (SC)

#### Onsite Activities:

- EFS and CEC arrived onsite around 0720.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0730. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- Fisher (Surveying) arrived onsite to complete post-excavation survey of DU06 and DU05 (Area D). Elevations were confirmed. Fisher wrote elevations of post-excavation on 8 flags for confirmation prior to backfill.
- EFS began work at 0830 with backfilling Area D. See backfill notes below.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS departed site around 1530. JO departed at 1500 to ship samples.

#### Excavation:

• Location: No excavation occurred today due to pending laboratory analytical results.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	8,672.91
Truckloads	0	439

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

#### Backfill:

- Location: Area D (DU 06 & DU05)
- Additional Notes:
  - o Two dump trucks arrived onsite with backfill from Purdy Materials.
  - o SC backfilled using GPS driven equipment (dozer) and CC rolled the backfill.
  - o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve 90% compaction by completing passes perpendicular to the bank.
  - o EFS installed straw wattles along the bank of the backfill area at the end of the day.

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#### Sampling:

• Confirmation Sample Location: DU09 03.

• Additional Samples: None.

Laboratory Reports: See attachments for results.

- DU04 02:
  - o Highest sample result > 1.0 kg/mg PCBs (Failed over excavation required)

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, such as using caution when working around the dump trucks. EFS and CEC completed a COVID
  health assessment before work each day. All personnel participated in the discussions and signed off on safety
  tailgate form.
  - o Scope of day: Backfill of Area D
  - o Expected contractors: Fisher.
  - o Expected deliveries: Backfill.

#### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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Photograph 1 – Surveyed bottom elevation in Area D.



Photograph 2 – Grading backfill in Area D.

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Photograph 3 – Backfill delivery.



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DATE: 6/29/2020

**REPORT NO: 57** 

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 90F, Sunny

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☐ TEST RESULTS ☐ PHOTOGRAPHS ☐ SKETCH ☐ ATTACHMENT	ΓS

#### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 8 vehicles (1 – CEC, 7 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frack Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

#### **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials) -26 loads = 530.12 tons

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DATE: 6/29/2020

REPORT NO: 56

#### **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Conner Hedderick (CH), Chase Chapman (CC), Bryan Chapman (BC), Honore Ayro (HA), Dustin Perry (DP), Andrew Chapman (AC), Scott Coles (SC)

#### Onsite Activities:

- EFS and CEC arrived onsite around 0650.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0700. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0710 with backfilling Area D. See backfill notes below.
- CH completed a weekly stormwater inspection. A measureable rain event occurred over the weekend, but not during working hours.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- JO was consulted by EFS regarding idle time for excavation.
- EFS locked the fence at both entrances. EFS departed site around 1500. JO departed at 1530 to ship samples.

#### Excavation:

- Location: Limited soil excavation preparation was completed in Area C in an effort to expedite offsite soil disposal.
- Additional Notes:
  - o Over-excavation of Area C (DU04_02) preliminary lab results were received the evening of 6/26. Therefore, trucks were not available due to late notice.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	8,672.91
Truckloads	0	439

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

#### Backfill:

- Location: Area D (DU06 & DU05)
- Additional Notes:
  - o Two dump trucks arrived onsite with backfill from Purdy Materials.
  - o SC backfilled using GPS driven equipment (dozer) and DP rolled the backfill.
  - o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The

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dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.

o EFS installed straw wattles along the bank of the backfill area at the end of the day.

#### Sampling:

- Confirmation Sample Location: DU07 03.
- Additional Samples: None.

Laboratory Reports: None received.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 5.0 Site Restoration

- 5.1.1 Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

- 6.1.1 Installation and Maintenance of Erosion Control Features
- 6.1.2 Inspection

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, such as using caution when backfilling the edge of excavation. EFS and CEC completed a COVID
  health assessment before work each day. All personnel participated in the discussions and signed off on safety
  tailgate form.
  - Scope of day: Backfill of Area D
    Expected contractors: None.
    Expected deliveries: Backfill.

### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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Photograph 1 – Backfill trucks driving across rumble strips prior to leaving site



Photograph 2 – Backfill in Area D



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#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 80F, Sunny

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

Ī	☐ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 8 vehicles (1 - CEC, 7 - EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frac Tank & Equipment: Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system

(with bags); flow meter; secondary containment

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

#### **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials) – 13 loads = 272.41 tons

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#### **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Dustin Perry (DP), Andrew Chapman (AC), Scott Coles (SC)

#### Onsite Activities:

- EFS and CEC arrived onsite at 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with excavation in Area C. See excavation notes below.
- CH completed a weekly stormwater inspection. A measureable rain event occurred overnight.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- JO was consulted by EFS regarding idle time due to rain overnight preventing backfill.
- EFS locked the fence at both entrances. EFS departed site around 1400 1630. JO departed site at 1630.

#### **Excavation:**

- Location: Over-excavation of Area C
- Additional Notes:
  - o Area C (DU04) was over-excavated an additional 6 inches to elevation 637.0.
  - o Six dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o BC completed the excavation using GPS driven equipment. CC verified the elevations depths using a separate GPS. CC inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.

Transportation of non-TSCA regulated material (PCB < 50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	352.49	9,223.11
Truckloads	18	469

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

#### Backfill:

- Location: Area D (DU06 and DU05)
- Additional Notes:

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- O Due to the heavy rain overnight, Purdy Materials quarry is too wet to successfully load up backfill in the morning. Additionally, the backfill already placed in Area D is saturated with water. SC moved backfill around to try to dry out the area.
- o Two dump trucks arrived onsite around 1300 with backfill from Purdy Materials.
- o SC backfilled using GPS driven equipment (dozer) and DP rolled the backfill.
- o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.
- Sampling:
  - o Confirmation Sample Location: None.
  - o Additional Samples: None.

#### Laboratory Reports:

None received.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - $\circ$  4.2.1 <50 and  $\geq$ RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - o 4.3.1 <50 and ≥RBROs PCBs

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

- 6.1.1 Installation and Maintenance of Erosion Control Features
- 6.1.2 Inspection

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, such as having the dump trucks use the rumble strips and use caution with the backfill and dump
  trucks working in the same area. EFS and CEC completed a COVID health assessment before work each day. All
  personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Over-excavation Area C and backfill of Area D.
  - o Expected contractors: None.
  - o Expected deliveries: Backfill.

### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the

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contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.



Photograph 1 – Over-Excavating Area C

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Photograph 2 – Wet backfill from precipitation event.



Photograph 3 –Lining dump trucks

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Photograph 4 - Grading backfill in Area D



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REPORT NO: 59

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 90F, Sunny

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☑ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 9 vehicles (1 – CEC, 7 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Frac Tank & Equipment: Removed from rent on 6/30.

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

#### **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials) – 23 loads = 487.69 tons

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#### **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Dustin Perry (DP), Andrew Chapman (AC), Scott Coles (SC)

#### Onsite Activities:

- EFS and CEC arrived onsite around 0650.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0700. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- JO was consulted by EFS regarding idle time due to awaiting sample results for excavating and rain overnight. Area D required drying prior to additional backfill installation.
- EFS began work at 0830 with limited soil excavation preparation in Area C. See excavation notes below.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS departed site around 1530-1600. JO departed site at 1630.

#### Excavation:

- Location: Limited soil excavation preparation was completed in Area C in an effort to expedite offsite soil disposal.
- Additional Notes:
  - Over-excavation of the second half of Area B (DU02_02) was delayed due to preliminary lab results not being provided until 7/1. Therefore, trucks were not available due to late notice.
  - o Based on DU02_02 results exceeding RBRO, it was determined that Area C should have an additional 6 inches excavated, making the elevation of the area 636.5.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	9,223.11
Truckloads	0	469

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

#### Backfill:

- Location: Area D (DU06 and DU05)
- Additional Notes:
  - o Due to the heavy rain overnight, backfilling was delayed.
  - o Two dump trucks arrived onsite at 1100 with backfill from Purdy Materials.
  - o SC backfilled using GPS driven equipment (dozer) and DP rolled the backfill.
  - o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The

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dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank. Sampling:

- Confirmation Sample Location: None.
- Additional Samples: None.

Laboratory Reports: See attachments for results.

- DU03 02:
  - o All sample results < 1.0 kg/mg PCBs (Passed– over excavation not required)
- DU02 02:
  - o Highest sample result > 1.0 kg/mg PCBs (Failed over excavation required)

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 4.0 Excavation and Disposal of Impacted Materials

• 4.1 – Excavation of Impacted Materials

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work, such as using caution when walking on slippery surfaces. EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: backfill of Area D.
  - o Expected contractors: None.
  - o Expected deliveries: Backfill.

## UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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Photograph 1 – Area D conditions following overnight precipitation



Photograph 2 – Grading backfill in Area D

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Photograph 3 – Grading and rolling backfill in Area D



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REPORT NO: 60

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 90F, Sunny

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Jenny O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

⊠ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

**Dozer:** CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 8 vehicles (1 – CEC, 7 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

#### **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials) -25 loads = 522.14 tons

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#### **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Bryan Chapman (BC), Conner Hedderick (CH), Chase Chapman (CC), Honore Ayro (HA), Andrew Chapman (AC), Scott Coles (SC)

#### Onsite Activities:

- EFS and CEC arrived onsite at 0550.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with excavation in Area C. See excavation notes below.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS departed site beginning at 1600. JO departed site at 1530 to ship samples.

#### **Excavation:**

- Location: Over-excavation of Area C and Area B
- Additional Notes:
  - o Area C (DU04) was over-excavated an additional 6 inches (plus the 6 inches already excavated on 6/30) to elevation 636.5. Area B (DU02) was over-excavated 2 feet to elevation 634.7.
  - o Seven dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety. Each driver signed off on receiving the haul route and site map.
  - o BC completed the excavation using GPS driven equipment. CC verified the elevations depths using a separate GPS. CC inspected the trucks prior to departure from site and documented inspection.
  - O At the end of Area C, the excavator was positioned on a liner as to not allow the excavator tracks to touch non-impacted soil of DU03. EFS decontaminated the excavator tracks using chisel hammers over the plastic. The plastic was loaded with the last load from Area C. The excavator tracked over DU03 to DU02.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	464.39	9,687.5
Truckloads	27	496

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

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#### Backfill:

- Location: Area D (DU06 and DU05)
- Additional Notes:
  - o Two dump trucks arrived onsite around 1300 with backfill from Purdy Materials.
  - o SC backfilled using GPS driven equipment (dozer) and CH rolled the backfill.
  - o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.
- Sampling:
  - o Confirmation Sample Location: DU04
  - o Additional Samples: None.

Laboratory Reports: See attachments for results.

- DU01 02:
  - o All sample results < 1.0 kg/mg PCBs (Passed– over not excavation required)

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - o 4.2.1 <50 and ≥RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - $\circ$  4.3.1 <50 and  $\geq$ RBROs PCBs

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### **COMMUNICATION:**

### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, such as staying focused today before the long weekend. EFS and CEC completed a COVID health
  assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate
  form.
  - o Scope of day: Over-excavation Area C & B and backfill of Area D.
  - o Expected contractors: None.
  - o Expected deliveries: Backfill.

#### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the

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contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.



Photograph 1 –Grading and rolling backfill in Area D



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**REPORT NO: 61** 

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 93F, Sunny

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: G Welch	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

□ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

**Dozer:** CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 8 vehicles (1 - CEC, 7 - EFS),

<u>Fuel Tank</u>: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

#### **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials) -30 loads = 602.14 tons

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#### **OBSERVATIONS:**

Site personnel includes:

- CEC Garrett Welch (GW)
- EFS Kevin Chapman (KC), Bryan Chapman (BC), Conner Hedderick (CH), Honore Ayro (HA), Andrew Chapman (AC), Scott Coles (SC), Jeremiah Miller (JM), Greg Buis (GB), Dustin Perry (DP)

#### Onsite Activities:

- EFS arrived onsite at 0600.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with excavation in Area B(a). See excavation notes below.
- CH completed stormwater inspection. No deficiencies noted during the inspection.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS departed site beginning at 1600. GW departed site at 1700.

#### Excavation:

- Location: Over-excavation of Area B
- Additional Notes:
  - o Area B(a) (DU02) was over-excavated an additional 24 inches to elevation 634.7.
  - o Six dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety, if applicable.
  - o BC completed the excavation using GPS driven equipment. JM verified the elevations depths using a separate GPS. JM inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	592.54	10,280.04
Truckloads	30	526

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

#### Backfill:

- Location: Area D (DU06 and DU05)
- Additional Notes:
  - o SC backfilled using GPS driven equipment (dozer) and CH rolled the backfill.

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o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.

- Sampling:
  - o Confirmation Sample Location: None
  - o Additional Samples: None.

Laboratory Reports: See attachments for results.

- DU10 03:
  - o Failed additional excavation required.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - o 4.2.1 <50 and >RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - $\circ$  4.3.1 <50 and  $\geq$ RBROs PCBs

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

- 6.1.1 Installation and Maintenance of Erosion Control Features
- 6.2.3 Inspections

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work, such as staying focused today after the long weekend. EFS and CEC completed a COVID health
  assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate
  form.
  - o Scope of day: Over-excavation Area B and backfill of Area D.
  - o Expected contractors: None.
  - o Expected deliveries: Backfill.

### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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DATE: 7/6/2020

REPORT NO: 61

Photograph 1 – Backfill of Area D





2704 Cherokee Farm Way, Suite 101 Knoxville, Tennessee 37920

P: (865) 977-9997 F: (865) 977-9919

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DATE: 7/7/2020

REPORT NO: 62

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 95F, afternoon storms

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: G Welch	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

a rest resolts a motodrams a sketch arthemicitis	□ TEST RESULTS		□ SKETCH	$\square$ ATTACHMENTS
--------------------------------------------------	----------------	--	----------	-----------------------

#### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 8 vehicles (1 - CEC, 7 - EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

#### **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials) – 16 loads = 326.10 tons

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DATE: 7/7/2020

REPORT NO: 62

#### **OBSERVATIONS:**

Site personnel includes:

- CEC Garrett Welch (GW)
- EFS Kevin Chapman (KC), Bryan Chapman (BC), Conner Hedderick (CH), Honore Ayro (HA), Andrew Chapman (AC), Jeremiah Miller (JM), Greg Buis (GB)

#### Onsite Activities:

- EFS arrived onsite at 0600.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with excavation in Area B(a). See excavation notes below.
- EFS continued backfilling of Area D. Due to lightning, backfill delivery was suspended at 1415.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS departed site beginning at 1600. GW departed site at 1645.

#### Excavation:

- Location: Over-excavation of Area B
- Additional Notes:
  - o Area B(a) (DU02) was over-excavated an additional 24 inches to elevation 634.7.
  - o Six dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety, if applicable.
  - o BC completed the excavation using GPS driven equipment. JM verified the elevations depths using a separate GPS. JM inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	420.74	10,700.78
Truckloads	21	547

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

#### Backfill:

- Location: Area D (DU06 and DU05)
- Additional Notes:
  - o SC backfilled using GPS driven equipment (dozer) and CH rolled the backfill.

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o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.

- Sampling:
  - o Confirmation Sample Location: None
  - o Additional Samples: None.

Laboratory Reports: See attachments for results.

- DU09 03:
  - Failed additional excavation required.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - o 4.2.1 <50 and  $\geq$ RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - $\circ$  4.3.1 <50 and  $\geq$ RBROs PCBs

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work. EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Over-excavation Area B and backfill of Area D.
  - o Expected contractors: None.
  - o Expected deliveries: Backfill.

#### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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DATE: 7/7/2020

REPORT NO: 62

Photograph 1 – Backfill delivery in Area D.





2704 Cherokee Farm Way, Suite 101 Knoxville, Tennessee 37920

P: (865) 977-9997 F: (865) 977-9919

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DATE: 7/8/2020

REPORT NO: 63

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 95F, afternoon storms

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: G Welch	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

□ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

**Dozer:** CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 8 vehicles (1 – CEC, 7 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

#### MATERIAL DELIVERED ONSITE:

• Backfill (from Purdy Materials) – 21 Loads = 407.96 tons

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DATE: 7/8/2020

REPORT NO: 63

#### **OBSERVATIONS:**

#### Site personnel includes:

- CEC Garrett Welch (GW), Ian Jorgensen (IJ)
- EFS Kevin Chapman (KC), Bryan Chapman (BC), Conner Hedderick (CH), Honore Ayro (HA), Andrew Chapman (AC), Jeremiah Miller (JM), Greg Buis (GB)

#### Onsite Activities:

- EFS arrived onsite at 0600.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with excavation in Area G (DU10). See excavation notes below.
- EFS continued backfilling of Area D.
- CEC sampled DU02_03 (Area B).
- Lightning near the site suspended field activities early at 1300.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS departed site beginning at 1500. GW and IJ departed site at 1530 to ship samples.

#### Excavation:

- Location: Over-excavation of Area G
- Additional Notes:
  - o Area G (DU10) was over-excavated an additional 12 inches to elevation 634.3.
  - o Six dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety, if applicable.
  - o BC completed the excavation using GPS driven equipment. JM verified the elevations depths using a separate GPS. JM inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.

#### Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	314.65	11,015.43
Truckloads	17	564

#### Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

#### Backfill:

• Location: Area D (DU06 and DU05)

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#### Additional Notes:

- o KC backfilled using GPS driven equipment (dozer) and CH rolled the backfill.
- o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.
- Sampling:
  - o Confirmation Sample Location: DU02 03
  - o Additional Samples: None.

Laboratory Reports: See attachments for results.

- DU07 03:
  - o Passed no additional excavation required.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - $\circ$  4.2.1 <50 and  $\geq$ RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - o 4.3.1 <50 and ≥RBROs PCBs

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work. EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Over-excavation Area F and backfill of Area D.
  - o Expected contractors: None.
  - o Expected deliveries: Backfill.

### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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DATE: 7/8/2020

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Photograph 1 – Completed over-excavation in Area G





2704 Cherokee Farm Way, Suite 101 Knoxville, Tennessee 37920

P: (865) 977-9997 F: (865) 977-9919

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DATE: 7/9/2020

REPORT NO: 64

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation		
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367	
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 95F, afternoon storms	

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: G. Welch	CEC PROJECT MANAGER: Matt Bruck	
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski	
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman	

#### THIS REPORT INCLUDES:

□ TEST RESULTS	□ SKETCH	☑ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 8 vehicles (1 – CEC, 7 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

#### **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials) – 22 Loads = 447.19 tons

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DATE: 7/9/2020

REPORT NO: 64

## **OBSERVATIONS:**

Site personnel includes:

- CEC Garrett Welch (GW), Ian Jorgensen (IJ)
- EFS Kevin Chapman (KC), Bryan Chapman (BC), Conner Hedderick (CH), Honore Ayro (HA), Andrew Chapman (AC), Jeremiah Miller (JM), Greg Buis (GB)

## Onsite Activities:

- EFS arrived onsite at 0600.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with excavation in Area F (DU09). See excavation notes below.
- EFS continued backfilling of Area D.
- Due to landfill reporting error, Waste Management suspended disposal from approximately 1030 to 1215. GW communicated with WM to resolve problem. Due to shutdown, each haul truck missed an estimated 1 turn to the landfill (~120 tons).
- CEC sampled DU10_04 (Area G).
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS departed site beginning at 1500. GW and IJ departed site at 1530 to ship samples.

#### Excavation:

- Location: Over-excavation of Area F
- Additional Notes:
  - o Area F (DU09) was over-excavated an additional 12 inches to elevation 634.3.
  - o Six dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety, if applicable.
  - o BC completed the excavation using GPS driven equipment. JM verified the elevations depths using a separate GPS. JM inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.

Transportation of non-TSCA regulated material (PCB < 50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	292.89	11,308.32
Truckloads	16	580

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

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DATE: 7/9/2020

REPORT NO: 64

## Backfill:

- Location: Area D (DU06 and DU05)
- Additional Notes:
  - o KC backfilled using GPS driven equipment (dozer) and CH rolled the backfill.
  - o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.
- Sampling:
  - o Confirmation Sample Location: DU10 04
  - o Additional Samples: None.

## Laboratory Reports:

- DU07 03:
  - o Passed no additional excavation required.

## **CONTRACT LINE ITEMS PERFORMED:**

## 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - o 4.2.1 <50 and ≥RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - o 4.3.1 <50 and >RBROs PCBs

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

## 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

## **COMMUNICATION:**

## **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work. EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - O Scope of day: Over-excavation Area F and backfill of Area D.
  - o Expected contractors: None.
  - o Expected deliveries: Backfill.

## UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

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DATE: 7/9/2020

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Photograph 1 – Excavation in Area F.





2704 Cherokee Farm Way, Suite 101 Knoxville, Tennessee 37920

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DATE: 7/10/2020

REPORT NO: 65

## PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 90F, Sunny

## **PERSONNEL**

CEC FIELD REPRESENTATIVE: G. Welch	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

## THIS REPORT INCLUDES:

## **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 8 vehicles (1 - CEC, 7 - EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

## **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials) – 21 Loads = 426.27 tons

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DATE: 7/10/2020

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## **OBSERVATIONS:**

Site personnel includes:

- CEC Garrett Welch (GW), Ian Jorgensen (IJ)
- EFS Kevin Chapman (KC), Bryan Chapman (BC), Conner Hedderick (CH), Honore Ayro (HA), Andrew Chapman (AC), Jeremiah Miller (JM), Greg Buis (GB), Scott Coles (SC)

## Onsite Activities:

- EFS arrived onsite at 0600.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0600. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0610 with excavation in Area F (DU09). See excavation notes below.
- EFS began backfilling of Area B.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS departed site beginning at 1600.

## Excavation:

- Location: Over-excavation of Area F
- Additional Notes:
  - o Area F (DU09) was over-excavated an additional 12 inches to elevation 634.5.
  - o Six dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
  - o AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety, if applicable.
  - o BC completed the excavation using GPS driven equipment. JM verified the elevations depths using a separate GPS. JM inspected the trucks prior to departure from site and documented inspection.
  - o EFS installed straw wattles along the bank of completed excavation at the end of the day.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	249.42	11,557.74
Truckloads	14	594

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

## Backfill:

- Location: Area B
- Additional Notes:
  - o SC backfilled using GPS driven equipment (dozer) and CH rolled the backfill.
  - o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The

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dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.

- Sampling:
  - o Confirmation Sample Location: None
  - o Additional Samples: None.

Laboratory Reports: Laboratory Reports: See attachments for results.

- DU04 03:
  - o Passed no additional excavation required.

## **CONTRACT LINE ITEMS PERFORMED:**

## 4.0 Excavation and Disposal of Impacted Materials

- 4.1 Excavation of Impacted Materials
- 4.2 Transportation of Impacted Materials
  - o 4.2.1 <50 and ≥RBROs PCBs
- 4.3 Disposal of Impacted Soil
  - o 4.3.1 <50 and ≥RBROs PCBs

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

## 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

## **COMMUNICATION:**

## **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work. EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Over-excavation Area F and backfill of Area B.
  - o Expected contractors: None.
  - o Expected deliveries: Backfill.

## UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

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DATE: 7/10/2020

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Photograph 1 – Excavation of Area F (DU09).





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P: (865) 977-9997 F: (865) 977-9919

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DATE: 7/13/2020

REPORT NO: 66

## PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 90F, Sunny

## **PERSONNEL**

CEC FIELD REPRESENTATIVE: J. O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

## THIS REPORT INCLUDES:

☐ TEST RESULTS ☐ PHOTOGRAPHS ☐ SKETCH	$\square$ ATTACHMENTS

## **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 2 buckets

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks and pickup broom)

Passenger Vehicles: 5 vehicles (2 - CEC, 3 - EFS),

<u>Fuel Tank</u>: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

## **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials):

<b>Backfill Amounts</b>	Daily	To Date
Backfill Delivered (tons)	701.26	6,993.58
Truckloads	34	341

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DATE: 7/13/2020

REPORT NO: 66

## **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO), Ian Jorgensen (IJ)
- EFS Kevin Chapman (KC), Conner Hedderick (CH), Andrew Chapman (AC), Scott Coles (SC)

## Onsite Activities:

- EFS arrived onsite at 0700.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0700. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0720 with backfilling of Area B. See backfill notes below.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- CH completed stormwater inspection. No deficiencies noted during the inspection.
- AC sprayed down the haul road with the water truck for dust suppression purposes.
- Fisher (Surveying) arrived onsite to complete post-excavation survey of DU04 (Area C) and DU07 (Area E). Elevations were confirmed. Fisher wrote elevations of post-excavation on flags for confirmation prior to backfill.
- IJ departed site at 1430.
- EFS locked the fence at both entrances. EFS departed site beginning at 1630. JO departed site at 1645 to ship samples.

### Excavation:

• Location: None. No excavation completed. Analytical results from DU02, DU10, and DU09 are forthcoming.

Transportation of non-TSCA regulated material (PCB < 50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	11,557.74
Truckloads	0	594

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

## Backfill:

- Location: Area B (DU03) Area C (DU04)
- Additional Notes:
  - o SC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
  - o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.

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• Sampling:

o Confirmation Sample Location: DU09

o Additional Samples: None.

Laboratory Reports: None.

## **CONTRACT LINE ITEMS PERFORMED:**

## 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

## 6.0 Erosion and Sedimentation Control

- 6.1.1 Installation and Maintenance of Erosion Control Features
- 6.2.3 Inspections

## **COMMUNICATION:**

## **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work. EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Backfill of Area B.
  - o Expected contractors: Fisher.
  - o Expected deliveries: Backfill.

## UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

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Photograph 1 – Backfill of Area B (DU03)

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Photograph 2 – Bottom of Excavation Elevation of Area E (as surveyed by Fisher)



Photograph 3 – Bottom of Excavation Elevation of Area C (as surveyed by Fisher)



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DATE: 7/14/2020

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## PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 90F, Sunny

## **PERSONNEL**

CEC FIELD REPRESENTATIVE: J. O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

## THIS REPORT INCLUDES:

	☐ TEST RESULTS	⊠ PHOTOGRAPHS	□ SKETCH	$\square$ ATTACHMENTS
ı				

## **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 1 bucket

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks)

Passenger Vehicles: 4 vehicles (1 - CEC, 3 - EFS),

<u>Fuel Tank</u>: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

## **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials):

<b>Backfill Amounts</b>	Daily	To Date
Backfill Delivered (tons)	628.12	7,621.70
Truckloads	30	371

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## **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Conner Hedderick (CH), Andrew Chapman (AC), Scott Coles (SC)

#### Onsite Activities:

- EFS arrived onsite at 0700.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0700. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0720 with backfilling of Area B and Area C. See backfill notes below.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- AC sprayed down the haul road with the water truck for dust suppression purposes.
- EFS locked the fence at both entrances. EFS and JO departed site beginning at 1630.

## Excavation:

Location: None. No excavation completed. Analytical results from DU02, DU10, and DU09 are forthcoming.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	11,557.74
Truckloads	0	594

Transportation of TSCA regulated material (PCB  $\geq$ 50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

## Backfill:

- Location: Area B (DU03) Area C (DU04)
- Additional Notes:
  - o SC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
  - o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.
- Sampling:
  - o Confirmation Sample Location: None.
  - o Additional Samples: None.

## Laboratory Reports: None.

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## **CONTRACT LINE ITEMS PERFORMED:**

## 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

## 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

## **COMMUNICATION:**

## **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work. EFS and CEC completed a COVID health assessment before work each day. All personnel
  participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Backfill of Area B and Area C.
  - Expected contractors: None.
  - o Expected deliveries: Backfill.

## UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

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Photograph 1 – Backfill of Area C (DU04)



Photograph 2 – Dust supression activities.



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## PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 90F, Sunny

## **PERSONNEL**

CEC FIELD REPRESENTATIVE: J. O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

## THIS REPORT INCLUDES:

☐ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

## **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 1 bucket

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks)

Passenger Vehicles: 4 vehicles (1 - CEC, 3 - EFS),

<u>Fuel Tank</u>: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

## **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials):

<b>Backfill Amounts</b>	Daily	To Date
<b>Backfill Delivered (tons)</b>	641.59	8,263.29
Truckloads	31	402

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## **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Conner Hedderick (CH), Andrew Chapman (AC), Scott Coles (SC)

#### Onsite Activities:

- EFS arrived onsite at 0700.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0700. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0720 with backfilling of Area B and Area C. See backfill notes below.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- AC sprayed down the haul road with the water truck as dust suppression.
- EFS locked the fence at both entrances. EFS and JO departed site at 1615.

#### Excavation:

Location: None. Excavator and scaffolding remain onsite pending analytical results.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	11,557.74
Truckloads	0	594

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

## Backfill:

- Location: Area B (DU03) Area C (DU04)
- Additional Notes:
  - o SC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
  - o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.

#### Sampling:

- Confirmation Sample Location: None.
- Additional Samples: None.

## Laboratory Reports: None.

## **CONTRACT LINE ITEMS PERFORMED:**

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## 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

## 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

## **COMMUNICATION:**

## **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work. EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Backfill of Area B and Area C.
  - o Expected contractors: None.
  - o Expected deliveries: Backfill.

## UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

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Photograph 1 – Backfill of Area C (DU04)



Photograph 2 – Dust supression of haul road



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## PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 80F, cloudy, morning showers

## **PERSONNEL**

CEC FIELD REPRESENTATIVE: J. O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

## THIS REPORT INCLUDES:

⊠ TEST RESULTS	☑ PHOTOGRAPHS	□ SKETCH	☐ ATTACHMENTS

## **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 1 bucket

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks)

Passenger Vehicles: 4 vehicles (1 - CEC, 3 - EFS),

<u>Fuel Tank</u>: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

## **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials):

<b>Backfill Amounts</b>	Daily	To Date
<b>Backfill Delivered (tons)</b>	0	8,263.29
Truckloads	0	402

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## **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Conner Hedderick (CH), Andrew Chapman (AC), Scott Coles (SC)

#### Onsite Activities:

- EFS arrived onsite at 0700.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0700. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- JO was consulted by EFS regarding inability to backfill due rain overnight (~0.35 inches) and showers in the morning. Area B & C were too wet for backfill. The Areas did not dry out by noon due to the cloudy weather and morning showers. Therefore, backfilling suspended until tomorrow to allow area to dry.
- EFS completed haul road maintenance and pumped water out of the haul road weepers due to rain over night and in the morning.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS and JO departed site beginning at 1500.

#### Excavation:

Location: None. Excavator and scaffolding remain onsite pending analytical results.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	11,557.74
Truckloads	0	594

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

### Backfill:

• Location: None. Due to the rain overnight (~0.35 inches), it was too wet for backfill. Backfilling did not occur today. Area C and B was back drug with the dozer to rid the area of standing water.

## Sampling:

- Confirmation Sample Location: None.
- Additional Samples: None.

Laboratory Reports: See attachments for results.

• DU02 03: All sample results < 1.0 kg/mg PCBs (Passed– over excavation not required)

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## **CONTRACT LINE ITEMS PERFORMED:**

## 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

## 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

## **COMMUNICATION:**

## **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work. EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Rain caused backfill areas to be wet to backfill. Haul road maintenance.
  - Expected contractors: None.
  - o Expected deliveries: None.

## UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

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Photograph 1 – Wet conditions of Area C, delaying backfill

## **Table 1. Excavation Confirmation Soil PCB Analytical Results**

Elliott Ditch Levee Interim Measures Post Construction Report Arconic Lafayette Operations, Lafayette, Indiana

T	C LIB	ъ.			PCB A	Aroclor (n	ng/Kg)			Total PCBs
Location	Sample ID	Date	1016	1221	1232	1242	1248	1254	1260	(mg/Kg)
	ED-DU11- Primary - Composite	5/19/2020	ND	ND	ND	ND	4.66	ND	ND	4.66
11	ED-DU11- Primary - DUP	5/19/2020	ND	ND	ND	ND	3.11	ND	ND	3.11
DU11	ED-DU11- Secondary - Composite	5/19/2020	ND	ND	ND	ND	2.88	ND	ND	2.88
	ED-DU11- Tertiary - Composite	5/20/2020	ND	ND	ND	ND	3.19	ND	ND	3.19
0	ED-DU10- Primary - Composite	5/20/2020	ND	ND	ND	ND	15.1	ND	ND	15.1
DU10	ED-DU10- Secondary - Composite	5/20/2020	ND	ND	ND	ND	11.0	ND	ND	11.0
Д	ED-DU10- Tertiary - Composite	5/20/2020	ND	ND	ND	ND	17.5	ND	ND	17.5
0	ED-DU09- Primary - Composite	5/21/2020	ND	ND	ND	ND	2.74	ND	ND	2.74
DU09	ED-DU09- Secondary - Composite	5/21/2020	ND	ND	ND	ND	2.11	ND	ND	2.11
Д	ED-DU09- Tertiary - Composite	5/21/2020	ND	ND	ND	ND	1.60	ND	ND	1.60
~	ED-DU08- Primary - Composite	5/22/2020	ND	ND	ND	ND	ND	ND	ND	ND
DU08	ED-DU08- Secondary - Composite	5/22/2020	ND	ND	ND	ND	ND	ND	ND	ND
Д	ED-DU08- Tertiary - Composite	5/22/2020	ND	ND	ND	ND	ND	ND	ND	ND
	ED-DU07- Primary - Composite	5/26/2020	ND	ND	ND	ND	10.5	ND	ND	10.5
DU07	ED-DU07- Secondary - Composite	5/26/2020	ND	ND	ND	ND	23.1	ND	ND	23.1
Д	ED-DU07- Tertiary - Composite	5/26/2020	ND	ND	ND	ND	27.7	ND	ND	27.7
9	ED-DU06- Primary - Composite	6/3/2020	ND	ND	ND	ND	1.15	ND	ND	1.15
90NQ	ED-DU06- Secondary - Composite	6/3/2020	ND	ND	ND	ND	1.74	ND	ND	1.74
Д	ED-DU06- Tertiary - Composite	6/3/2020	ND	ND	ND	ND	1.11	ND	ND	1.11
10	ED-DU05- Primary - Composite	6/4/2020	ND	ND	ND	ND	ND	ND	ND	ND
DU05	ED-DU05- Secondary - Composite	6/4/2020	ND	ND	ND	ND	3.85	ND	ND	3.85
Д	ED-DU05- Tertiary - Composite	6/4/2020	ND	ND	ND	ND	1.34	ND	ND	1.34
4	ED-DU04- Primary - Composite	6/4/2020	ND	ND	ND	ND	9.06	ND	ND	9.06
DU04	ED-DU04- Secondary - Composite	6/4/2020	ND	ND	ND	ND	19.7	ND	ND	19.7
Д	ED-DU04- Tertiary - Composite	6/4/2020	ND	ND	ND	ND	10.2	ND	ND	10.2
	ED-DU03- Primary - Composite	6/8/2020	ND	ND	ND	ND	3.20	ND	ND	3.20
103	ED-DU03- Primary - DUP	6/8/2020	ND	ND	ND	ND	2.96	ND	ND	2.96
DU03	ED-DU03- Secondary - Composite	6/8/2020	ND	ND	ND	ND	10.3	ND	ND	10.3
	ED-DU03- Tertiary - Composite	6/8/2020	ND	ND	ND	ND	2.50	ND	ND	2.50
61	ED-DU02- Primary - Composite	6/10/2020	ND	ND	ND	ND	3.66	ND	ND	3.66
DU02	ED-DU02- Secondary - Composite	6/10/2020	ND	ND	ND	ND	3.21	ND	ND	3.21
Д	ED-DU02- Tertiary - Composite	6/10/2020	ND	ND	ND	ND	8.93	ND	ND	8.93
	ED-DU01- Primary - Composite	6/10/2020	ND	ND	ND	ND	2.01	ND	ND	2.01
DU01	ED-DU01- Secondary - Composite	6/10/2020	ND	ND	ND	ND	3.71	ND	ND	3.71
	ED-DU01- Tertiary - Composite	6/10/2020	ND	ND	ND	ND	3.07	ND	ND	3.07
0.5	ED-DU11_02- Primary - Composite	6/10/2020	ND	ND	ND	ND	ND	ND	ND	ND
DU11_02	ED-DU11_02- Secondary - Composite	6/10/2020	ND	ND	ND	ND	ND	ND	ND	ND
DŪ	ED-DU11_02- Tertiary - Composite	6/10/2020	ND	ND	ND	ND	ND	ND	ND	ND

## NOTES:

ND = constituent was not detected above the laboratory method detection limit (1.0 mg/Kg) Red indicates an exceedance of 1.0 mg/Kg RBRO

DU##_02 represents results from the first over-excavation

 $DU\#_03$  represents results from the second over-excavation

## **Table 1. Excavation Confirmation Soil PCB Analytical Results**

Elliott Ditch Levee Interim Measures Post Construction Report Arconic Lafayette Operations, Lafayette, Indiana

·	g	ъ.,			PCB A	Aroclor (n	ng/Kg)			Total PCBs
Location	Sample ID	Date	1016	1221	1232	1242	1248	1254	1260	(mg/Kg)
0.5	ED-DU10_02- Primary - Composite	6/11/2020	ND	ND	ND	ND	2.85	ND	ND	2.85
DU10_02	ED-DU10_02- Secondary - Composite	6/11/2020	ND	ND	ND	ND	2.37	ND	ND	2.37
DC	ED-DU10_02- Tertiary - Composite	6/11/2020	ND	ND	ND	ND	4.75	ND	ND	4.75
6)	ED-DU09_02- Primary - Composite	6/12/2020	ND	ND	ND	ND	1.02	ND	ND	1.02
0_6	ED-DU09_02- Secondary - Composite	6/12/2020	ND	ND	ND	ND	1.23	ND	ND	1.23
DU09_02	ED-DU09_02- Secondary - DUP	6/12/2020	ND	ND	ND	ND	1.43	ND	ND	1.43
Д	ED-DU09_02- Tertiary - Composite	6/12/2020	ND	ND	ND	ND	ND	ND	ND	ND
0.5	ED-DU07_02- Primary - Composite	6/15/2020	ND	ND	ND	ND	ND	ND	ND	ND
DU07_02	ED-DU07_02- Secondary - Composite	6/16/2020	ND	ND	ND	ND	1.63	ND	ND	1.63
DO	ED-DU07_02- Tertiary - Composite	6/16/2020	ND	ND	ND	ND	1.28	ND	ND	1.28
0.5	ED-DU06_02- Primary - Composite	6/16/2020	ND	ND	ND	ND	ND	ND	ND	ND
DU06_02	ED-DU06_02- Secondary - Composite	6/16/2020	ND	ND	ND	ND	ND	ND	ND	ND
DO	ED-DU06_02- Tertiary - Composite	6/16/2020	ND	ND	ND	ND	ND	ND	ND	ND
0.5	ED-DU05_02- Primary - Composite	6/17/2020	ND	ND	ND	ND	ND	ND	ND	ND
DU05_02	ED-DU05_02- Secondary - Composite	6/17/2020	ND	ND	ND	ND	ND	ND	ND	ND
DO	ED-DU05_02- Tertiary - Composite	6/17/2020	ND	ND	ND	ND	ND	ND	ND	ND
0.5	ED-DU04_02- Primary - Composite	6/18/2020	ND	ND	ND	ND	1.05	ND	ND	1.05
DU04_02	ED-DU04_02- Secondary - Composite	6/18/2020	ND	ND	ND	ND	ND	ND	ND	ND
DO	ED-DU04_02- Tertiary - Composite	6/18/2020	ND	ND	ND	ND	1.56	ND	ND	1.56
0.5	ED-DU03_02- Primary - Composite	6/23/2020	ND	ND	ND	ND	ND	ND	ND	ND
DU03_02	ED-DU03_02- Secondary - Composite	6/23/2020	ND	ND	ND	ND	ND	ND	ND	ND
DO	ED-DU03_02- Tertiary - Composite	6/23/2020	ND	ND	ND	ND	ND	ND	ND	ND
0.5	ED-DU02_02- Primary - Composite	6/23/2020	ND	ND	ND	ND	ND	ND	ND	ND
DU02_02	ED-DU02_02- Secondary - Composite	6/23/2020	ND	ND	ND	ND	6.60	ND	ND	6.60
DO	ED-DU02_02- Tertiary - Composite	6/23/2020	ND	ND	ND	ND	1.28	ND	ND	1.28
6)	ED-DU01_02- Primary - Composite	6/24/2020	ND	ND	ND	ND	ND	ND	ND	ND
DU01_02	ED-DU01_02- Primary - DUP	6/24/2020	ND	ND	ND	ND	ND	ND	ND	ND
000	ED-DU01_02- Secondary - Composite	6/24/2020	ND	ND	ND	ND	ND	ND	ND	ND
	ED-DU01_02- Tertiary - Composite	6/24/2020	ND	ND	ND	ND	ND	ND	ND	ND
03	ED-DU10_03- Primary - Composite	6/25/2020	ND	ND	ND	ND	ND	ND	ND	ND
DU10_03	ED-DU10_03- Secondary - Composite	6/25/2020	ND	ND	ND	ND	1.01	ND	ND	1.01
DO	ED-DU10_03- Tertiary - Composite	6/25/2020	ND	ND	ND	ND	2.06	ND	ND	2.06
03	ED-DU09_03- Primary - Composite	6/26/2020	ND	ND	ND	ND	ND	ND	ND	ND
DU09_03	ED-DU09_03- Secondary - Composite	6/26/2020	ND	ND	ND	ND	1.23	ND	ND	1.23
DO	ED-DU09_03- Tertiary - Composite	6/26/2020	ND	ND	ND	ND	ND	ND	ND	ND
03	ED-DU07_03- Primary - Composite	6/29/2020	ND	ND	ND	ND	ND	ND	ND	ND
DU07_03	ED-DU07_03- Secondary - Composite	6/29/2020	ND	ND	ND	ND	ND	ND	ND	ND
DO	ED-DU07_03- Tertiary - Composite	6/29/2020	ND	ND	ND	ND	ND	ND	ND	ND

## NOTES:

ND = constituent was not detected above the laboratory method detection limit (1.0 mg/Kg) Red indicates an exceedance of 1.0 mg/Kg RBRO

DU##_02 represents results from the first over-excavation

DU##_03 represents results from the second over-excavation

## **Table 1. Excavation Confirmation Soil PCB Analytical Results**

Elliott Ditch Levee Interim Measures Post Construction Report Arconic Lafayette Operations, Lafayette, Indiana

Location	Sample ID	Date	PCB Aroclor (mg/Kg)							Total PCBs
Location	Sample 1D	Date	1016	1221	1232	1242	1248	1254	1260	(mg/Kg)
03	ED-DU04_03- Primary - Composite	7/2/2020	ND	ND	ND	ND	ND	ND	ND	ND
401	ED-DU04_03- Secondary - Composite	7/2/2020	ND	ND	ND	ND	ND	ND	ND	ND
חר	ED-DU04_03- Tertiary - Composite	7/2/2020	ND	ND	ND	ND	ND	ND	ND	ND
03	ED-DU02_03- Primary - Composite	7/8/2020	ND	ND	ND	ND	ND	ND	ND	ND
102	ED-DU02_03- Secondary - Composite	7/8/2020	ND	ND	ND	ND	ND	ND	ND	ND
DC	ED-DU02_03- Tertiary - Composite	7/8/2020	ND	ND	ND	ND	ND	ND	ND	ND

## NOTES:

ND = constituent was not detected above the laboratory method detection limit (1.0 mg/Kg) Red indicates an exceedance of 1.0 mg/Kg RBRO

DU##_02 represents results from the first over-excavation

DU##_03 represents results from the second over-excavation



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DATE: 7/17/2020

REPORT NO: 70

## PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 90F, Sunny

## **PERSONNEL**

CEC FIELD REPRESENTATIVE: J. O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

## THIS REPORT INCLUDES:

⊠ TEST	RESULTS	□ SKETCH	☐ ATTACHMENTS

## **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 1 bucket

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks)

Passenger Vehicles: 4 vehicles (1 – CEC, 3 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

## **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials):

<b>Backfill Amounts</b>	Daily	To Date
Backfill Delivered (tons)	593.39	8,856.68
Truckloads	29	431

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## **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Conner Hedderick (CH), Andrew Chapman (AC), Scott Coles (SC)

#### Onsite Activities:

- EFS arrived onsite at 0700.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0700. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0720 with backfilling of Area B and Area C. See backfill notes below.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- AC sprayed down the haul road with the water truck as dust suppression.
- EFS locked the fence at both entrances. EFS and JO departed site at 1630.

#### Excavation:

Location: None. Excavator and scaffolding remain onsite pending analytical results.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	11,557.74
Truckloads	0	594

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

## Backfill:

- Location: Area B (DU03) Area C (DU04)
- Additional Notes:
  - o SC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
  - o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.

#### Sampling:

- Confirmation Sample Location: None.
- Additional Samples: None.

Laboratory Reports: See attachments for results.

• DU10 04: All sample results < 1.0 kg/mg PCBs (Passed– over excavation not required)

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## **CONTRACT LINE ITEMS PERFORMED:**

## 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

## 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

## **COMMUNICATION:**

## **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work. EFS and CEC completed a COVID health assessment before work each day. All personnel
  participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Backfill of Area B and Area C.
  - Expected contractors: None.
  - o Expected deliveries: Backfill.

## UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

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Photograph 1 – Backfill of Area C (DU04)



Photograph 2 – Backfill truck departing the Site.



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DATE: 7/20/2020

REPORT NO: 71

## PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 85F, Sunny

## **PERSONNEL**

CEC FIELD REPRESENTATIVE: J. O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

## THIS REPORT INCLUDES:

	☐ TEST RESULTS	⊠ PHOTOGRAPHS	□ SKETCH	$\square$ ATTACHMENTS
ı				

## **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 1 bucket

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks)

Passenger Vehicles: 4 vehicles (1 - CEC, 3 - EFS)

<u>Fuel Tank</u>: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

## **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials):

<b>Backfill Amounts</b>	Daily	To Date
Backfill Delivered (tons)	551.95	9,408.63
Truckloads	27	458

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## **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Conner Hedderick (CH), Andrew Chapman (AC), Scott Coles (SC)

#### Onsite Activities:

- EFS arrived onsite at 0700.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0700. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0720 with backfilling of Area E. See backfill notes below.
- Fisher (Surveying) arrived onsite to complete post-excavation survey of DU10 (Area G) and DU02 (Area B(a)). Elevations were confirmed. Fisher wrote elevations of post-excavation on flags for confirmation prior to backfill.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- CH completed stormwater inspection. No deficiencies noted during the inspection.
- AC sprayed down the haul road with the water truck as dust suppression.
- EFS locked the fence at both entrances. EFS and JO departed site at 1630.

### Excavation:

Location: None. Excavator and scaffolding remain onsite pending analytical results.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	11,557.74
Truckloads	0	594

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

### Backfill:

- Location: Area E (DU07) and Area B(a) (DU02)
- Additional Notes:
  - o SC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
  - o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.

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## Sampling:

• Confirmation Sample Location: None.

• Additional Samples: None.

Laboratory Reports: None.

## **CONTRACT LINE ITEMS PERFORMED:**

## 5.0 Site Restoration

- 5.1.1 Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

- 6.1.1 Installation and Maintenance of Erosion Control Features
- 6.1.2 Inspection

## **COMMUNICATION:**

## **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work. EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Backfill of Area E.
  - o Expected contractors: Fisher.
  - o Expected deliveries: Backfill.

**UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:** EFS tool trailer was stolen from the Site over the weekend.

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Photograph 1 – Backfill of Area E (DU07)

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Photograph 2 – Bottom of Excavation Elevation of Area G (DU10) as surveyed by Fisher



Photograph 3 – Bottom of Excavation Elevation of Area B(a) (DU02) as surveyed by Fisher



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DATE: 7/21/2020

REPORT NO: 72

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 85F, Cloudy

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: J. O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

⊠ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 1 bucket

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks)

Passenger Vehicles: 4 vehicles (1 - CEC, 3 - EFS),

<u>Fuel Tank</u>: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

#### **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials):

<b>Backfill Amounts</b>	Daily	To Date
Backfill Delivered (tons)	532.68	9,941.31
Truckloads	27	485

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DATE: 7/21/2020

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#### **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Conner Hedderick (CH), Andrew Chapman (AC), Scott Coles (SC)

#### Onsite Activities:

- EFS arrived onsite at 0700.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0700. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0720 with backfilling of Area B(a). See backfill notes below.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- CH sprayed down the haul road with the water truck for dust suppression.
- The concrete from the driveway expansions was removed offsite by Solid Finish Construction.
- A tornado warning in the area from 1410 1445. Heavy rains and wind shut down backfill and work for the day.
- EFS locked the fence at both entrances. EFS and JO departed site at 1430.

#### Excavation:

• Location: None. Excavator and scaffolding remain onsite pending analytical results.

Transportation of non-TSCA regulated material (PCB < 50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	11,557.74
Truckloads	0	594

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

#### Backfill:

- Location: Area B(a) (DU02)
- Additional Notes:
  - o SC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
  - o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.

#### Sampling:

- Confirmation Sample Location: None.
- Additional Samples: None.

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Laboratory Reports: Laboratory Reports: See attachments for results.

• DU09_04: All sample results < 1.0 kg/mg PCBs (Passed– over excavation not required)

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work. EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Backfill of Area B(a).
  - o Expected contractors: None.
  - o Expected deliveries: Backfill.

#### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None.

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Photograph 1 - Backfill of Area B(a) (DU02)



Photograph 2 – Rolling of backfill in Area B(a) (DU02)



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DATE: 7/22/2020

REPORT NO: 73

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 80F, cloudy, morning showers

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: J. O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☐ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Excavator: CAT 336 Excavator (with GPS) and 1 bucket

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks)

Passenger Vehicles: 4 vehicles (1 - CEC, 3 - EFS),

<u>Fuel Tank</u>: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)

#### **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials):

<b>Backfill Amounts</b>	Daily	To Date
Backfill Delivered (tons)	0	9,941.31
Truckloads	0	485

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DATE: 7/22/2020

REPORT NO: 73

#### **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Conner Hedderick (CH), Andrew Chapman (AC)

#### Onsite Activities:

- EFS arrived onsite at 0700.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0700. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- Fisher (Surveying) arrived onsite to complete post-excavation survey of DU09 (Area F(b)). Elevations were confirmed. Fisher wrote elevations of post-excavation on flags for confirmation prior to backfill.
- JO was consulted by EFS regarding inability to backfill due rain overnight (~0.32 inches) and showers in the morning. Area B was too wet for backfill. The Areas did not dry out by noon due to the cloudy weather and morning showers. Therefore, backfilling suspended until tomorrow to allow area to dry.
- EFS decontaminated the excavator. See the excavation section for more detail.
- EFS dismantled the scaffolding for demobilization.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS and JO departed site beginning at 1500.

#### Excavation:

- All Decision Units have passed confirmation sampling. Excavation complete.
- The excavator was previously dry decontaminated using brushes after excavating Area F. Additional decontamination occurred in accordance with 40 CFR 761.79. The excavator was placed on plastic. The bucket and tracks were wiped down with diesel fuel soaked rags. The rags and plastic were disposed properly.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	11,557.74
Truckloads	0	594

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

#### Backfill:

• Location: None. Due to the rain overnight (~0.32 inches), it was too wet for backfill. Area B was back drug with the dozer to rid the area of standing water.

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#### Sampling:

• Confirmation Sample Location: No further confirmation sampling required.

• Additional Samples: Haul road composite samples.

Laboratory Reports: None.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work. EFS and CEC completed a COVID health assessment before work. All personnel participated in the discussions and signed off on safety tailgate form.
  - Scope of day: Haul road maintenance. Back drag Area B.
  - o Expected contractors: Fisher.
  - o Expected deliveries: None.

#### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

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Photograph 1 – Standing water within Area B



Photograph 2 – Bottom of Excavation Elevation of Area F(b) (DU09) as surveyed by Fisher

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Photograph 3 – Decontamination of excavator with diesel fuel rags



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DATE: 7/23/2020

REPORT NO: 74

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 85F, Sunny

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: J. O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☐ TEST RESULTS ☐ PHOTOGRAPHS ☐ SKETCH	$\square$ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks)

Passenger Vehicles: 4 vehicles (1 – CEC, 3 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Water truck (4,000 gallons)

#### **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials):

<b>Backfill Amounts</b>	Daily	To Date
Backfill Delivered (tons)	204.43	10,145.74
Truckloads	10	495

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DATE: 7/23/2020

REPORT NO: 74

#### **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Conner Hedderick (CH), Andrew Chapman (AC)

#### Onsite Activities:

- EFS arrived onsite at 0700.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0700. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0720 with backfilling of Area G. See backfill notes below.
- The excavator was demobilized from site.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS departed site at 1030.

#### Excavation:

• All Decision Units have passed confirmation sampling. Excavation complete.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	11,557.74
Truckloads	0	594

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

#### Backfill:

- Location: Area G (DU10)
- Additional Notes:
  - o KC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
  - o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.

Sampling: None.

Laboratory Reports: None.

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DATE: 7/23/2020

REPORT NO: 74

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work. EFS and CEC completed a COVID health assessment before work. All personnel participated in the
  discussions and signed off on safety tailgate form.
  - o Scope of day: Backfill of Area G.
  - Expected contractors: None.
  - o Expected deliveries: Backfill.

#### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None.

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DATE: 7/23/2020

REPORT NO: 74



Photograph 1 – Delivery of backfill



2704 Cherokee Farm Way, Suite 101 Knoxville, Tennessee 37920

P: (865) 977-9997 F: (865) 977-9919

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DATE: 7/24/2020

REPORT NO: 75

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 85F, Sunny

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: J. O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

	☐ TEST RESULTS	⊠ PHOTOGRAPHS	□ SKETCH	□ ATTACHMENTS
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#### **EQUIPMENT ONSITE:**

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks)

Passenger Vehicles: 4 vehicles (1 – CEC, 3 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Water truck (4,000 gallons)

#### **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials):

<b>Backfill Amounts</b>	Daily	To Date
Backfill Delivered (tons)	583.27	10,729.01
Truckloads	29	524

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DATE: 7/24/2020

REPORT NO: 75

#### **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Conner Hedderick (CH), Andrew Chapman (AC)

#### Onsite Activities:

- EFS arrived onsite at 0700.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0700. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0720 with backfilling of Area G. See backfill notes below.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS departed site at 1630.

#### Excavation:

• All Decision Units have passed confirmation sampling. Excavation complete.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	11,557.74
Truckloads	0	594

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

#### Backfill:

- Location: Area G (DU10) and Area B(a) (DU02)
- Additional Notes:
  - o KC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
  - o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.
  - O Straw wattles were installed along the bank in backfilled areas.

Sampling: None.

Laboratory Reports: None.

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DATE: 7/24/2020

REPORT NO: 75

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to
  today's work. EFS and CEC completed a COVID health assessment before work each day. All personnel
  participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Backfill of Area G.
  - Expected contractors: None.
  - o Expected deliveries: Backfill.

#### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None.

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DATE: 7/24/2020

REPORT NO: 75



Photograph 1 – Backfill in Area G (DU10)



Photograph 2 – Backfill in Area B (DU02)



2704 Cherokee Farm Way, Suite 101 **Knoxville, Tennessee 37920** 

P: (865) 977-9997 F: (865) 977-9919

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DATE: 7/27/2020

REPORT NO: 76

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 85F, Sunny, Afternoon storms

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: J. O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

#### **EQUIPMENT ONSITE:**

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks)

Passenger Vehicles: 4 Vehicles (1 – CEC, 3 – EFS)

Fuel Tank: Fuel Cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Water Truck (4,000 gallons)

#### **MATERIAL DELIVERED ONSITE:**

Backfill (from Purdy Materials):

<b>Backfill Amounts</b>	Daily	To Date
Backfill Delivered (tons)	562.06	11,291.07
Truckloads	28	552

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DATE: 7/27/2020

REPORT NO: 76

#### **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Conner Hedderick (CH), Andrew Chapman (AC)
- Arconic Travis Catlin (TC), John Ades (JA), Paul Starr (PS), Nick Kruse (NK), and Lindley Jarrett (LJ)

#### Onsite Activities:

- EFS arrived onsite at 0700.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0700. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0720 with backfilling of Area G. See backfill notes below.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- CH completed stormwater inspection. No deficiencies noted during the inspection.
- Arconic personnel arrived onsite at 1300 to complete a site walk. They departed site at 1340.
- Thunderstorms shut down backfilling at 1415.
- EFS locked the fence at both entrances. EFS departed site at beginning at 1430.

Excavation: All Decision Units have passed confirmation sampling. Excavation complete.

Transportation of non-TSCA regulated material (PCB < 50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	11,557.74
Truckloads	0	594

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

#### Backfill:

- Location: Area G (DU10) and Area H (DU11)
- Additional Notes:
  - o KC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
  - o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.
  - o Upon completing Area H (DU11), straw wattles were installed along the bank for temporary erosion control.

Sampling: None.

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DATE: 7/27/2020

REPORT NO: 76

Laboratory Reports: None.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

- 6.1.1 Installation and Maintenance of Erosion Control Features
- 6.1.2 Inspections

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work. EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Backfill of Area G.
  - o Expected contractors: None.
  - o Expected deliveries: Backfill.

#### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None.

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DATE: 7/27/2020

REPORT NO: 76



Photograph 1 – Installing the final lift in Area H (DU11)



2704 Cherokee Farm Way, Suite 101 Knoxville, Tennessee 37920

P: (865) 977-9997 F: (865) 977-9919

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DATE: 7/28/2020

**REPORT NO: 77** 

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 85F, Sunny

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: J. O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☐ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks)

Passenger Vehicles: 4 vehicles (1 – CEC, 3 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Water truck (4,000 gallons)

#### **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials):

<b>Backfill Amounts</b>	Daily	To Date
Backfill Delivered (tons)	0	11,291.07
Truckloads	0	552

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DATE: 7/28/2020

REPORT NO: 77

#### **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Conner Hedderick (CH), Andrew Chapman (AC)

#### Onsite Activities:

- EFS arrived onsite at 0730.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0730. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- JO was consulted by EFS regarding inability to backfill due rain yesterday (~0.55 inches). Purdy Materials could not access backfill due to wet conditions at the quarry. Additionally, Area G was too wet for backfill. Therefore, backfilling suspended until tomorrow (7/27) to allow area to dry.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- CH completed stormwater inspection due to a qualifying rain event ( $\sim 0.55$  inches on 7/27). No deficiencies noted during the inspection.
- EFS locked the fence at both entrances. EFS departed site at beginning at 1530.

Excavation: All Decision Units have passed confirmation sampling. Excavation complete.

Transportation of non-TSCA regulated material (PCB < 50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	11,557.74
Truckloads	0	594

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

#### Backfill:

• Location: None. Due to the rain yesterday (~0.55 inches), Purdy Materials could not access the backfill at the borrow pit.

Sampling: None.

Laboratory Reports: None.

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DATE: 7/28/2020

REPORT NO: 77

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

- 6.1.1 Installation and Maintenance of Erosion Control Features
- 6.1.2 Inspections

### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work. EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Rain day.
  - o Expected contractors: None.
  - o Expected deliveries: None.

#### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None.

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DATE: 7/28/2020

REPORT NO: 77



Photograph 1 – Saturated conditions did not allow for additional backfilling



2704 Cherokee Farm Way, Suite 101 Knoxville, Tennessee 37920

P: (865) 977-9997 F: (865) 977-9919

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DATE: 7/29/2020

REPORT NO: 78

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 85F, Sunny

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: J. O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☐ TEST RESULTS	□ SKETCH	☐ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks)

Passenger Vehicles: 4 vehicles (1 – CEC, 3 – EFS),

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex

Box; Office Trailer; Water truck (4,000 gallons)

#### **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials):

<b>Backfill Amounts</b>	Daily	To Date
Backfill Delivered (tons)	564.72	11,855.79
Truckloads	28	580

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DATE: 7/29/2020

REPORT NO: 78

#### **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Conner Hedderick (CH), Andrew Chapman (AC)

#### Onsite Activities:

- EFS arrived onsite at 0700.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0700. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0720 with backfilling of Area G. See backfill notes below.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- EFS locked the fence at both entrances. EFS departed site at beginning at 1630.

Excavation: Due to passing results in all Areas, excavation is no longer required.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	11,557.74
Truckloads	0	594

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

#### Backfill:

- Location: Area G (DU10) and Area F(b) (DU09)
- Additional Notes:
  - o KC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
  - o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.
  - o Upon completing Area G (DU10), straw wattles were installed along the bank as temporary erosion control.

Sampling: None.

Laboratory Reports: None.

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DATE: 7/29/2020

REPORT NO: 78

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work. EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Backfill of Area G and F(b).
  - Expected contractors: None.
  - o Expected deliveries: Backfill.

#### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None.

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DATE: 7/29/2020

REPORT NO: 78



Photograph 1 – Rolling the final lift in Area G (DU10)



Photograph 2 – Completed backfill in Area G and H

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DATE: 7/29/2020

REPORT NO: 78



Photograph 3 – Backfill in Area F(b) (DU09)



2704 Cherokee Farm Way, Suite 101 Knoxville, Tennessee 37920

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DATE: 8/5/2020

REPORT NO: 79

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 75F, Sunny

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: J. O'Brien	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☐ TEST RESULTS	⊠ PHOTOGRAPHS	□ SKETCH	☐ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks)

Passenger Vehicles: 4 vehicles (1 – CEC, 3 – EFS)

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment Trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 Generator;

Connex Box; Office Trailer; Water Truck (4,000 gallons)

#### **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials):

<b>Backfill Amounts</b>	Daily	To Date
<b>Backfill Delivered (tons)</b>	716.58	12,572.37
Truckloads	36	616

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DATE: 8/5/2020

REPORT NO: 79

#### **OBSERVATIONS:**

Site personnel includes:

- CEC Jenny O'Brien (JO)
- EFS Kevin Chapman (KC), Conner Hedderick (CH), Andrew Chapman (AC), Chris Webb (CW)

#### Onsite Activities:

- EFS arrived onsite at 0700.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0700. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0720 with backfilling of Area F. See backfill notes below.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- AC sprayed down the haul road with the water truck for dust suppression.
- CW arrived onsite around 0900 to begin as an operator. CW reviewed the HASP and signed-off on the HASP.
- CH completed stormwater inspection. No deficiencies noted during the inspection.
- T-N-T Tree Service arrived onsite around 1030 to assess fallen trees within Elliott Ditch.
- JO departed site at 1330 for demobilization.
- EFS locked the fence at both entrances. EFS departed site at beginning at 1630.

Excavation: Due to passing results in all Areas, excavation is no longer required.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	11,557.74
Truckloads	0	594

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

#### Backfill:

- Location: Area F(b) (DU09)
- Additional Notes:
  - o KC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
  - o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.

Sampling: None.

Laboratory Reports: None.

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DATE: 8/5/2020

REPORT NO: 79

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

- 6.1.1 Installation and Maintenance of Erosion Control Features
- 6.1.2 Inspection

### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work. EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Backfill of Area F(b).
  - o Expected contractors: None.
  - o Expected deliveries: Backfill.

#### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None.

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DATE: 8/5/2020

REPORT NO: 79



Photograph 1 – Haul road dust supression



Photograph 2 – Backfill delivery in Area F(b)



2704 Cherokee Farm Way, Suite 101 Knoxville, Tennessee 37920

P: (865) 977-9997 F: (865) 977-9919

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DATE: 8/6/2020

**REPORT NO: 80** 

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	LOCATION: Elliott Ditch Levee, Lafayette, IN	
PLANS AND SPECIFICATIONS BY: CEC, Inc.	CEC PROJECT: 172-367	
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski	
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman	

#### **DAILY SCOPE:**

Excavation: Excavation activities complete.

#### Backfill:

• Location: Area F(b) (DU09)

• Backfill (from Purdy Materials):

<b>Backfill Amounts</b>	Daily	To Date
Backfill Delivered (tons)	672.38	13,244.75
Truckloads	34	650

- Additional Notes:
  - o KC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
  - o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.
  - o KC confirmed that the above backfill compaction procedure was completed.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

NOTICE: The above project details were provided via verbally and/or email by Arconic's subcontractor, Environmental Field Services (EFS). CEC was not present onsite to review and observe daily activities/means and methods.



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DATE: 8/7/2020

**REPORT NO: 81** 

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	LOCATION: Elliott Ditch Levee, Lafayette, IN	
PLANS AND SPECIFICATIONS BY: CEC, Inc.	CEC PROJECT: 172-367	
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski	
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman	

#### **DAILY SCOPE:**

Excavation: Excavation activities complete.

#### Backfill:

• Location: Area F (DU09 and DU08) and Area E (DU07)

• Backfill (from Purdy Materials):

<b>Backfill Amounts</b>	Daily	To Date
Backfill Delivered (tons)	598.07	13,842.82
Truckloads	30	680

#### Additional Notes:

- o KC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
- o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.
- o KC confirmed that the above backfill compaction procedure was completed.
- o Area F and Area E were completed to the specified elevation. Upon completing Area F and Area E, straw wattles were re-installed along the bank edge.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

NOTICE: The above project details were provided via verbally and/or email by Arconic's subcontractor, Environmental Field Services (EFS). CEC was not present onsite to review and observe daily activities/means and methods.



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DATE: 8/10/2020

**REPORT NO: 82** 

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	LOCATION: Elliott Ditch Levee, Lafayette, IN	
PLANS AND SPECIFICATIONS BY: CEC, Inc.	CEC PROJECT: 172-367	
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski	
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman	

#### **DAILY SCOPE:**

Excavation: Excavation activities complete.

#### Backfill:

• Location: Area B(a) (DU02)

• Backfill (from Purdy Materials):

<b>Backfill Amounts</b>	Daily	To Date
Backfill Delivered (tons)	477.77	14,320.59
Truckloads	24	704

#### • Additional Notes:

- o A rainstorm came through the area in the morning, causing backfill activities to be suspended for around 2 hours.
- o KC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
- o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.
- o KC confirmed that the above backfill compaction procedure was completed.

Stormwater Inspection: EFS completed a weekly stormwater inspection. No deficiencies noted during the inspection.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 5.0 Site Restoration

- 5.1.1 Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

- 6.1.1 Installation and Maintenance of Erosion Control Features
- 6.1.2 Inspection



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DATE: 8/11/2020

**REPORT NO: 83** 

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	LOCATION: Elliott Ditch Levee, Lafayette, IN	
PLANS AND SPECIFICATIONS BY: CEC, Inc.	CEC PROJECT: 172-367	
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski	
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman	

#### **DAILY SCOPE:**

Excavation: Excavation activities complete.

#### Backfill:

- Location: No backfill occurred due to overnight rain on 8/10.
  - o JO was consulted by EFS regarding inability to backfill due rain yesterday (~0.67 inches). Area B(a) was too wet for backfill. Therefore, backfilling suspended to allow area to dry.
- Backfill (from Purdy Materials):

<b>Backfill Amounts</b>	Daily	To Date
<b>Backfill Delivered (tons)</b>	0	14,320.59
Truckloads	0	704

Stormwater Inspection: EFS completed a stormwater inspection due to the rain event. No deficiencies noted during the inspection.

Demobilization Activities: EFS demobilized security fencing as part of demobilization activities.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 6.0 Erosion and Sedimentation Control

• 6.1.2 – Inspection

8.0 Demobilization

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### **PHOTOGRAPHS:**



Photograph 1: Standing water in Area B(a) (provided by EFS)



Photograph 2: Fencing demobilization (provided by EFS)



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DATE: 8/12/2020

**REPORT NO: 84** 

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	LOCATION: Elliott Ditch Levee, Lafayette, IN	
PLANS AND SPECIFICATIONS BY: CEC, Inc.	CEC PROJECT: 172-367	
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski	
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman	

#### **DAILY SCOPE:**

Excavation: Excavation activities complete.

#### Backfill:

• Location: Area B(a) (DU02)

• Backfill (from Purdy Materials):

<b>Backfill Amounts</b>	Daily	To Date
Backfill Delivered (tons)	578.09	14,898.68
Truckloads	29	733

- Additional Notes:
  - o KC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
  - o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.
  - o KC confirmed that the above backfill compaction procedure was completed.

Demobilization Activities: EFS continued the demobilization of security fencing as part of demobilization activities.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### 8.0 Demobilization

NOTICE: The above project details were provided verbally and/or via email by Arconic's subcontractor, Environmental Field Services (EFS). CEC was not present onsite to review and observe daily activities/means and methods

NOTICE CEC wa



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#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	
LOCATION: Elliott Ditch Levee, Lafayette, IN	CEC PROJECT: 172-367
PLANS AND SPECIFICATIONS BY: CEC, Inc.	WEATHER: 85F, Sunny

#### **PERSONNEL**

CEC FIELD REPRESENTATIVE: Ian Jorgensen	CEC PROJECT MANAGER: Matt Bruck
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### THIS REPORT INCLUDES:

☐ TEST RESULTS	⊠ PHOTOGRAPHS	□ SKETCH	☐ ATTACHMENTS

#### **EQUIPMENT ONSITE:**

Dozer: CAT D5 Dozer (with GPS)

Roller: CAT 66" Smooth Drum Roller

Skid-steer: CAT 279 Skid Steer (forks)

Passenger Vehicles: 5 vehicles (1 – CEC, 4 – EFS)

Fuel Tank: Fuel cell (500 gallon off-road diesel, double-walled with leak detection)

Miscellaneous Equipment: Equipment Trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 Generator;

Connex Box; Office Trailer; Water Truck (4,000 gallons)

#### **MATERIAL DELIVERED ONSITE:**

• Backfill (from Purdy Materials):

<b>Backfill Amounts</b>	Daily	To Date
Backfill Delivered (tons)	664.66	15,563.34
Truckloads	33	766

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#### **OBSERVATIONS:**

Site personnel includes:

- CEC Ian Jorgensen (IJ)
- EFS Kevin Chapman (KC), Conner Hedderick (CH), Andrew Chapman (AC), Chris Webb (CW), Brian Chapman (BC)

#### Onsite Activities:

- EFS arrived onsite at 0700.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0700. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- EFS began work at 0720 with backfilling of Area B. See backfill notes below.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- AC sprayed down the haul road with the water truck for dust suppression.
- EFS completed the disassembly of the site perimeter fence and loaded fencing materials for demobilization.
- K&M arrived on site at 0930 and loaded fencing materials for demobilization.
- KC and IJ drove the site to inspect backfill slope conditions along Elliott Ditch.
- IJ departed site at 1400 for demobilization.
- EFS departed site beginning at 1630.

Excavation: Due to passing results in all Areas, excavation is no longer required.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	11,557.74
Truckloads	0	594

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

#### Backfill:

- Location: Area B (a) (DU02) & Area B (b) (DU03)
- Additional Notes:
  - o BC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
  - o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.

Sampling: None.

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Laboratory Reports: None.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work. EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Backfill of Area B (a) & Area B (b).
  - o Expected contractors: K&M Fencing; Neptune.
  - o Expected deliveries: Backfill.

### UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None.

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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#### **PHOTOGRAPHS**



Photograph 1 – Dozer spreading backfill in Area B.



Photograph 2 – Backfill slope along Elliott Ditch.

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Photograph 3 – Backfill slope along haul road.



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DATE: 8/15/2020

**REPORT NO: 86** 

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	LOCATION: Elliott Ditch Levee, Lafayette, IN	
PLANS AND SPECIFICATIONS BY: CEC, Inc.	CEC PROJECT: 172-367	
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski	
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman	

#### **DAILY SCOPE:**

Excavation: Excavation activities complete.

#### Backfill:

• Location: Area B(a) (DU02), Area A (DU01), and Area D (DU06 & DU05)

• Backfill (from Purdy Materials):

<b>Backfill Amounts</b>	Daily	To Date
Backfill Delivered (tons)	426.57	15,989.91
Truckloads	21	787

#### • Additional Notes:

- o Bryan Chapman (EFS) backfilled using GPS driven equipment (dozer) and Andrew Chapman (EFS) rolled the backfill.
- o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.
- o Kevin Chapman (EFS) confirmed that the above backfill compaction procedure was completed.
- o Area B and Area A were completed to the specified elevation. Upon completing Area B(a) and Area A, straw wattles were re-installed along the bank edge.

Demobilization Activities: The trucking rumble strips were demobilized from site by Conway Trucking.

Dust Suppression: EFS sprayed the haul road with water from the water truck for dust suppression.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

• 6.1.1 – Installation and Maintenance of Erosion Control Features

#### 8.0 Demobilization



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DATE: 8/17/2020

**REPORT NO: 87** 

#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	LOCATION: Elliott Ditch Levee, Lafayette, IN
PLANS AND SPECIFICATIONS BY: CEC, Inc.	CEC PROJECT: 172-367
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### **DAILY SCOPE:**

Excavation: Excavation activities complete.

Backfill: Backfill activities complete.

• Location: Area D (DU06 & DU05) and Area C (DU04)

• Backfill (from Purdy Materials):

<b>Backfill Amounts</b>	Daily	To Date
Backfill Delivered (tons)	101.60	16,091.51
Truckloads	5	792

- Additional Notes:
  - o Bryan Chapman (EFS) backfilled using GPS driven equipment (dozer) and Andrew Chapman (EFS) rolled the backfill.
  - o In order to achieve at least 95% compaction, 3 passes of the vibratory roller on a 9" lift is completed. The vibratory roller does not complete compaction within a 1:1 slope of the creek bottom to top-of-bank. The dozer is utilized in this area to achieve approximately 90% compaction by completing passes perpendicular to the bank.
  - o Kevin Chapman (EFS) confirmed that the above backfill compaction procedure was completed.
  - o Areas A H were completed to the specified elevations.

Stormwater Inspection: EFS completed a weekly stormwater inspection. No deficiencies noted during the inspection.

Dust Suppression: EFS sprayed the haul road with water from the water truck for dust suppression.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 5.0 Site Restoration

- 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill
- 5.1.2 Grade and Compact Excavation

#### 6.0 Erosion and Sedimentation Control

- 6.1.1 Installation and Maintenance of Erosion Control Features
- 6.1.2 Inspection



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PROJECT INFORMATION	ON		
PROJECT NAME: Elliott	Ditch Levee Remediation		
LOCATION: Elliott Ditch	Levee, Lafayette, IN	CEC PROJECT: 172-367	
PLANS AND SPECIFICA	ATIONS BY: CEC, Inc.	WEATHER: 85F, Sunny	
PERSONNEL			
CEC FIELD REPRESEN	TATIVE: Ian Jorgensen	CEC PROJECT MA	NAGER: Matt Bruck
CLIENT: Arconic Lafayet	te LLC	CLIENT CONTACT	: Robert Prezbindowski
GENERAL CONTRACTO	OR: EFS	SITE SUPERINTEN	<b>DENT:</b> Kevin Chapman
		•	
THIS REPORT INCLUD	ES:		
☐ TEST RESULTS		□ SKETCH	☐ ATTACHMENTS
<b>EQUIPMENT ONSITE:</b>			
Dozer: CAT D5 Dozer (wi	th GPS)		
Roller: CAT 66" Smooth I	Drum Roller		
Skid-steer: CAT 279 Skid	Steer (forks)		
Passenger Vehicles: 4 veh	icles (1 – CEC, 4 – EFS)		
Fuel Tank: Fuel cell (500 g	gallon off-road diesel, double-	walled with leak detection	n)
Miscellaneous Equipment	: Equipment Trailer; Kubota	4x4 ATV; Pull Behind	Max Power 40 Generator;
Connex Box; Office Traile	er; Water Truck (4,000 gallons	s)	
	· -		
MATERIAL DELIVERE	D ONSITE:		
None.			

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#### **OBSERVATIONS:**

Site personnel includes:

- CEC Ian Jorgensen (IJ)
- EFS Kevin Chapman (KC), Conner Hedderick (CH), Andrew Chapman (AC), Chris Webb (CW), Brian Chapman (BC)

#### Onsite Activities:

- EFS arrived onsite at 0700.
- EFS began site activities with a safety tailgate meeting and reviewed scope of day's work at 0700. All attendees signed-off on EFS' tailgate meeting form. EFS and CEC completed the EFS COVID health assessment.
- EFS conducted pre-job inspections on equipment being used that day. Documentation is being maintained on EFS provided forms that will be submitted at the end of the week.
- Fisher arrived onsite to complete post backfill survey.
- EFS began work at 0720 with topsoil placement in Area G & H. See Topsoil notes below.
- KC departed site mid-morning.
- EFS disinfected the high use areas of the office (door handles, tables, etc.) in the morning and after lunch. Hand sanitizer and cleaning wipes are available.
- AC sprayed down the haul road with the water truck for dust suppression.
- IJ drove the site to inspect backfill slope conditions and topsoil placement along Elliott Ditch.
- IJ departed site at 1400.
- EFS departed site beginning at 1700.

Excavation: Excavation activities complete.

Transportation of non-TSCA regulated material (PCB <50 ppm) for offsite disposal:

• Off-site Disposal Location: Waste Management – Oak Ridge Recycling and Disposal (Cass County, Indiana)

Non-TSCA Regulated	Daily	To Date
Material Transported (tons)	0	11,557.74
Truckloads	0	594

Transportation of TSCA regulated material (PCB ≥50 ppm) for offsite disposal:

• Off-site Disposal Location: Heritage – Heritage Landfill (Roachdale, IN)

TSCA Regulated	Daily	To Date
Material Transported (tons)	0	2,725.77
Truckloads	0	115

Backfill: Backfill activities complete.

• Backfill (from Purdy Materials):

Backfill Amounts	Daily	To Date
<b>Backfill Delivered (tons)</b>	0	16,091.51
Truckloads	0	792

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#### Topsoil:

• Location: Area G & H

• Topsoil (from Winstead Enterprises, Inc):

<b>Backfill Amounts</b>	Daily	To Date
Backfill Delivered (tons)*	280	280
Truckloads	14	14

^{*}Exact tonnage is not provided. Assuming 20 tons/load.

- Additional Notes:
  - o Bryan Chapman (EFS) placed topsoil in 3 inch lifts using GPS driven equipment (dozer). The underlying backfill was roughed up prior to placement to limit topsoil erosion.
  - o Area G & H was completed to the specified elevations. Upon completion, straw wattles were re-installed along the bank edge.

Sampling: None.

Laboratory Reports: None.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 6.0 Erosion and Sedimentation Control

- 6.1.1 Installation and Maintenance of Erosion Control Features
- 6.2.1 Purchase, Delivery, and Topsoil Placement (3-inch over disturbed areas)

#### 7.0 Construction Surveying

- 7.3 Post Excavation/Post Backfill
- 7.4 As-built

#### **COMMUNICATION:**

#### **MEETINGS / DISCUSSIONS:**

- Prior to the start of work activities, EFS conducted a safety tailgate meeting. They discussed hazards in relations to today's work. EFS and CEC completed a COVID health assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.
  - o Scope of day: Topsoil placement in Area G & H
  - o Expected contractors: Fisher
  - o Expected deliveries: Topsoil

#### **UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None.**

NOTICE: Our firm's professionals are represented on site solely to observe operations of the contractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve the contractor from its obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods, operations, and sequences of construction.

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### **PHOTOGRAPHS**



Photograph 1 –Topsoil placement in Area H.

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Photograph 2 – EFS installing straw wattles along slope of Elliott Ditch in Area H.



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#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	LOCATION: Elliott Ditch Levee, Lafayette, IN
PLANS AND SPECIFICATIONS BY: CEC, Inc.	CEC PROJECT: 172-367
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### **DAILY SCOPE:**

Excavation: Excavation activities complete.

Backfill: Backfill activities complete.

#### Topsoil:

• Location: Area F

• Topsoil (from Winstead Enterprises, Inc):

<b>Backfill Amounts</b>	Daily	To Date
Backfill Delivered (tons)*	240	520
Truckloads	12	26

^{*}Exact tonnage is not provided. Assuming 20 tons/load.

- Additional Notes:
  - o Bryan Chapman (EFS) placed topsoil in 3 inch lifts using GPS driven equipment (dozer). The underlying backfill was roughed up prior to placing topsoil to limit topsoil runoff.
  - o Area F was completed to the specified elevations. Upon completion, straw wattles were re-installed along the bank edge.

Dust Suppression: EFS sprayed the haul road with water from the water truck for dust suppression.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 6.0 Erosion and Sedimentation Control

- 6.1.1 Installation and Maintenance of Erosion Control Features
- 6.2.1 Purchase, Delivery, and Topsoil Placement



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#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	LOCATION: Elliott Ditch Levee, Lafayette, IN
PLANS AND SPECIFICATIONS BY: CEC, Inc.	CEC PROJECT: 172-367
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### **DAILY SCOPE:**

Excavation: Excavation activities complete.

Backfill: Backfill activities complete.

#### Topsoil:

• Location: Area E, Area D, and Area C

• Topsoil (from Winstead Enterprises, Inc):

<b>Backfill Amounts</b>	Daily	To Date
Backfill Delivered (tons)*	480	1,000
Truckloads	24	50

^{*}Exact tonnage is not provided. Assuming 20 tons/load.

- Additional Notes:
  - o Two dump trucks delivered topsoil.
  - o Bryan Chapman (EFS) placed topsoil in 3 inch lifts using GPS driven equipment (dozer). The underlying backfill was roughed up prior to placement to limit topsoil erosion.
  - o Area F was completed to the specified elevations. Upon completion, straw wattles were re-installed along the bank edge.

Dust Suppression: EFS sprayed the haul road with water from the water truck for dust suppression.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 6.0 Erosion and Sedimentation Control

- 6.1.1 Installation and Maintenance of Erosion Control Features
- 6.2.1 Purchase, Delivery, and Topsoil Placement



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#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	LOCATION: Elliott Ditch Levee, Lafayette, IN
PLANS AND SPECIFICATIONS BY: CEC, Inc.	CEC PROJECT: 172-367
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### **DAILY SCOPE:**

Excavation: Excavation activities complete.

Backfill: Backfill activities complete.

#### Topsoil:

• Location: Area B and Area A

• Topsoil (from Winstead Enterprises, Inc):

<b>Backfill Amounts</b>	Daily	To Date
Backfill Delivered (tons)*	320	1,320
Truckloads	16	66

^{*}Exact tonnage is not provided. Assuming 20 tons/load.

- Additional Notes:
  - o Bryan Chapman (EFS) placed topsoil in 3 inch lifts using GPS driven equipment (dozer). The underlying backfill was roughed up prior to placement to limit topsoil erosion.
  - o Area B and A was completed to the specified elevations. Upon completion, straw wattles were re-installed along the bank edge.

Dust Suppression: EFS sprayed the haul road with water from the water truck for dust suppression.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 6.0 Erosion and Sedimentation Control

- 6.1.1 Installation and Maintenance of Erosion Control Features
- 6.2.1 Purchase, Delivery, and Topsoil Placement



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DATE: 8/22/2020

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#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	LOCATION: Elliott Ditch Levee, Lafayette, IN
PLANS AND SPECIFICATIONS BY: CEC, Inc.	CEC PROJECT: 172-367
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### **DAILY SCOPE:**

Excavation: Excavation activities complete.

Backfill: Backfill activities complete.

#### Topsoil:

• Location: Topsoil activities complete.

• Topsoil (from Winstead Enterprises, Inc):

<b>Backfill Amounts</b>	Daily	To Date
Backfill Delivered (tons)*	0	1,320
Truckloads	0	66

^{*}Exact tonnage is not provided. Assuming 20 tons/load.

- Additional Notes:
  - o EFS tracked in topsoil to mitigate erosion. Hydroseeding scheduled for the week of August 24th, 2020.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 6.0 Erosion and Sedimentation Control

• 6.2.1 – Purchase, Delivery, and Topsoil Placement



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DATE: 8/24/2020

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#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	LOCATION: Elliott Ditch Levee, Lafayette, IN
PLANS AND SPECIFICATIONS BY: CEC, Inc.	CEC PROJECT: 172-367
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### **DAILY SCOPE:**

Excavation: Excavation activities complete.

Backfill: Backfill activities complete.

Topsoil: Topsoil activities complete.

#### Surveying:

• Fisher completed topsoil elevation survey.

#### Seeding:

• Williams Creek arrived onsite to hydro-seed the top soil. The seed mixture has been approved by CEC.

#### **Erosion Control:**

- EFS completed a weekly stormwater inspection. No deficiencies noted during the inspection.
- Straw wattles were re-installed along the bank edge.

#### Demobilization:

- Fuel cell was picked up from site.
- EFS began removing their equipment/tools from site.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 6.0 Erosion and Sedimentation Control

- 6.1.1 Installation and Maintenance of Erosion Control Features
- 6.1.2 Inspection
- 6.2.2 Vegetative Planting (grass seed application)

#### 7.0 Construction Survey

- 7.3 Post Excavation/Post Backfill
- 7.4 As-built

#### 8.0 Demobilization

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### **PHOTOGRAPHS:**



Photograph 1: Hydroseed application.

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Photograph 2: Hydroseed application.



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DATE: 8/25/2020

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#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	LOCATION: Elliott Ditch Levee, Lafayette, IN
PLANS AND SPECIFICATIONS BY: CEC, Inc.	CEC PROJECT: 172-367
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### **DAILY SCOPE:**

Excavation: Excavation activities complete.

Backfill: Backfill activities complete.

Topsoil: Topsoil activities complete.

#### Seeding:

• Williams Creek onsite for hydro-seeding of the levee. Hydro-seeding completed mid-afternoon.

#### Demobilization:

- Dozer picked up from the R&B Management property.
- EFS packed up office trailer in preparation for trailer being picked up on Wednesday.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 6.0 Erosion and Sedimentation Control

• 6.2.2 – Vegetative Planting (grass seed application)

#### 8.0 Demobilization



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DATE: 8/26/2020

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#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	LOCATION: Elliott Ditch Levee, Lafayette, IN
PLANS AND SPECIFICATIONS BY: CEC, Inc.	CEC PROJECT: 172-367
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### **DAILY SCOPE:**

Excavation: Excavation activities complete.

Backfill: Backfill activities complete.

Topsoil: Topsoil activities complete.

Seeding: Seeding activities complete.

#### Demobilization:

- Limited EFS personnel onsite for demobilization.
- Office trailer and generator demobilized from site.
- All remaining heavy equipment picked up from the R&B Management property.

#### **CONTRACT LINE ITEMS PERFORMED:**

#### 8.0 Demobilization

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### **PHOTOGRAPHS**



Photograph 1: Office trailer removed from laydown area

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Photograph 2: Heavy equipment removed from R&B Management Property



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#### PROJECT INFORMATION

PROJECT NAME: Elliott Ditch Levee Remediation	LOCATION: Elliott Ditch Levee, Lafayette, IN
PLANS AND SPECIFICATIONS BY: CEC, Inc.	CEC PROJECT: 172-367
CLIENT: Arconic Lafayette LLC	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Kevin Chapman

#### **DAILY SCOPE:**

Excavation: Excavation activities complete.

Backfill: Backfill activities complete.

Topsoil: Topsoil activities complete.

Seeding: Seeding activities complete.

#### Demobilization:

- EFS demobilized from site.
- Connex box picked up from laydown area.

#### **CONTRACT LINE ITEMS PERFORMED:**

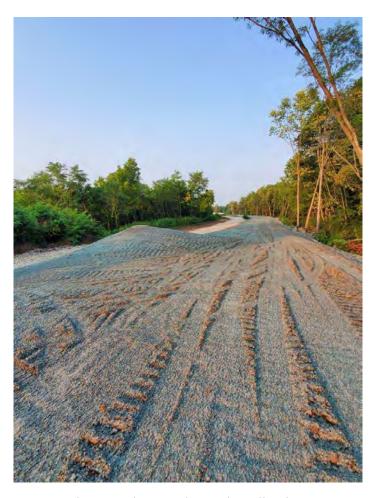
#### 8.0 Demobilization

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### **PHOTOGRAPHS**



Photograph 1: Hydroseed application.