
APPENDIX VIII

TSCA WASTE DOCUMENTATION

From: [Eric Likens](#)
To: [Cross, Steve](#)
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 Indianapolis, IN Kansas City, MO Roachdale, IN HTS Rineco

1. GENERATOR SITE INFORMATION (Heritage # 14168) 2. BILLING INFORMATION (Heritage # 82007) 3. MANIFEST MAIL ADDRESS (If different from generator)

Generator Status LQG SQG CESQG/VSQG Non-Hazardous Originates in a Foreign Country Foreign Address (if different from above):

4. Generator SIC Code 3354 If SIC 28_, 2911, 3312, or 4953, what is the Total Annual Benzene (TAB) in Megagrams/year? N/A If 3312, generated from Coke Oven Byproduct Recovery Operations? Yes No

5. Common Name: PCB Remediation Waste Soil from the Elliott Ditch Levee Remediation

6. Process Generating Waste: Removal of PCB contaminated soil from the Elliott Ditch Levee IRM project

7. DOT Description: RQ, UN3432, Polychloriated biphenyls, solid, mixture, 9, PG III (PCB Remediation waste) ERG 171 (RQ = 1 Lb.)

8. Identify US EPA waste codes: N/A

9. Identify state waste codes: N/A

10. Universal Waste? Federal Yes No State Yes No Identify Type:

11. D001-D043, F001-F005, or F039 underlying or hazardous constituents present? Yes No NA If yes, list in Section 13.

12. US EPA Form Code: W301 US EPA Source Code: G44

13. Waste Composition: Using specific chemical names and/or descriptions of waste composition, list all constituents present in the wastestream, and identify those that are underlying hazardous constituents (UHCs), or F001-F005/F039 hazardous constituents. Attach available analysis or SDS. Total composition must equal or exceed 100%.

Table with 6 columns: Constituents, CAS Number, Range, Units, UHC?, F-Listed? Rows include PCBs, SOIL, Rocks, Small Trees and Brush, PPE, Poly and Woody or Metal Debris.

14. Color: Brown Odor: None

15a. Chemical Properties 15b. Physical Properties at 70°F Flash Point (F°) BTU/lb Range Solid Free Liquids/Fail Paint Filter? pH Range Density/Specific Gravity 1.1-1.5 %Solids Fluid Viscosity Layers

Common Name (same as Section # 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 [] Peroxide Forming []
Pyrophoric [] Self-Heating [] Shock Sensitive [] Spontaneously [] Sulfide []
Temp. Control Required [] Temp Sensitive [] Water Reactive [] Combustible [] Not Applicable [X]

16b. Other Properties
Aerosols [] Ammonia [] Asbestos [] Carcinogen []
Chelating Agent [] Compressed Gas [] DEA Controlled Substance [] Dioxins, Furans [] Herbicide []
Insecticide [] Lab Pack [] Medical [] Pathogen/Infectious [] Pesticide []
Pharmaceutical/Alcohol [] Polymerizable [] Radioactive [] Sanitary/Biological [] Sharps []
Not Applicable [X]

16c. Used oil? (40 CFR 279) Yes [] No [X]
Used Oil mixed with hazardous waste? Yes [] No []
Total Halogens (TX) concentration? < 1000 PPM [] > 1000 PPM []

16d. PCBs? (40 CFR 761) Yes [X] No [] If yes, PCB concentration? (PPM) 0-49 [] 50-499 [X] >=500 []

16e. Subject to Subpart CC? (40 CFR 264/5, 1080-1091, LQG 26 gal, 500ppmw VOC) Yes [] No [X]

16f. Subject to Benzene NESHAP controls? (40 CFR 61.340-358) Yes [] No [X]
Benzene Concentration 10 PPM or more? Yes [] No [X]
Greater than 10% moisture? Yes [] No []

16g. Is this waste subject to 40 CFR part 63 Subpart GGG (Pharmaceutical Products)? Yes [] No [X]

16h. Do any regulatory exclusions/exemptions apply? If yes, provide reference information. Yes [] No [X]

16i. Additional Comments/Special Waste Type. Explain 40CFR761.61(c) Yes [X] No []

16j. Does this material require any special handling related to employee safety, storage conditions, spill clean-up, sampling, etc.? If yes, explain. Yes [] No [X]

16k. Is this material overpacked or in a salvage container? If yes, explain. Yes [] No [X]

16l. Does the packaging have inner containers? If yes, explain. Yes [] No [X]

16m. Does this material have potential to build pressure in the container? If yes, explain. Yes [] No [X]

16n. Have the containers been stored outside? If yes, condition of containers? Yes [] No [X]

16o. Has this material been rejected by another facility? If yes, explain. Yes [] No [X]

16p. Does this waste have any undisclosed hazards or prior incidents associated with it, which could affect the way it should be handled? If yes, attach detailed explanation. Yes [] No [X]

17. Transporter: Heritage Transport [X] Other (complete below) []
18. Packaging: Bulk Liquid [] Cylinder [] Tote (Metal) []
Bulk Solid [X] Dump [] Drum [] Tote (Poly) []
Cu Yd Bag/Box []
19. Volume: 22 T /Shipment 150 / Year
20. Check or list attachments: Lab Data [X] Cylinder Forms [] Packing List []
SDS [] Other (list) []

21. CERTIFICATION: Sign and date the certification. I hereby certify that I am an authorized agent of the generator, and warrant on behalf of the generator, that all information submitted herein and attached documentation contains true, accurate and complete descriptions of this material. Any sample submitted for analysis or attached laboratory data is representative of the material being offered for approval. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I will notify Heritage Environmental Services, LLC, Heritage Thermal Services, Inc., or Rineco Chemical Industries, LLC, of any changes in generator status, any information on this form, or any information on the attachments. This certification and signature apply to this form, to all attachments checked in section 20, and to the land disposal restriction notification (LDR) generated from this information. For Lab Packs only: To the best of my knowledge, all labels on the inner and outer containers, and all information recorded on the packing inventory sheet for each Lab Pack, correctly identifies the contained chemicals where testing has been necessary to characterize material in the lab pack. I have used test methods equivalent to those specified in the Permittee's current operating permit Lab Pack Procedure.

Signature: [Signature] Printed Name: Robert A. Prezbindowski Date: 03/24/2020 Company: Arconic Inc.

22. COMPLETE THIS SECTION FOR NON-HAZARDOUS MATERIAL 22a. Is this waste a listed waste? (U, P, K, or F codes)? Yes [] No [X]

22b. This waste is not characteristically hazardous for D001-D043 based on attached lab data (LD), attached Safety Data Sheet (SDS), or generator knowledge (GK).

Table with columns for LD codes and chemical names: D001 (Ignitability), D002 (Corrosivity), D003 (Reactivity), D004 Arsenic, D005 Barium, D006 Cadmium, D007 Chromium, D008 Lead, D009 Mercury, D010 Selenium, D011 Silver, D018 Benzene, D019 Carbon Tetrachloride, D021 Chlorobenzene, D022 Chloroform, D028 1,2-Dichloroethane, D029 1,1-Dichloroethylene, D035 Methyl Ethyl Ketone, D039 Tetrachloroethylene, D040 Trichloroethylene, D043 Vinyl Chloride, D023 o-Cresol, D024 m-Cresol, D025 p-Cresol, D026 Cresol, D027 1,4-Dichlorobenzene, D030 2,4-Dinitrotoluene, D032 Hexachlorobenzene, D033 Hexachlorobutadiene, D034 Hexachloroethane, D036 Nitrobenzene, D037 Pentachlorophenol, D038 Pyridine, D041 2,4,5-Trichlorophenol, D042 2,4,6-Trichlorophenol, D012 Endrin, D013 Lindane, D014 Methoxychlor, D015 Toxaphene, D016 2,4-D, D017 2,4,5-TP (Silvex), D020 Chlordane, D031 Heptachlor.

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
5/27/2020	5/27/2020	001094679WAS	24.44
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

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 Arconic Lafayette Operations, Lafayette, Indiana

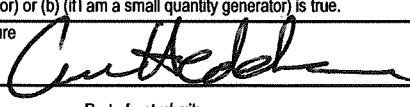
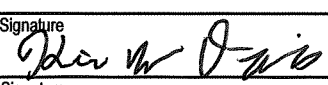
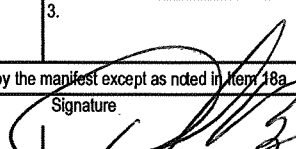
Shipping Date	Disposal Date	Manifest Number	Disposal Weight (Tons)
6/1/2020	6/1/2020	001094718WAS	20.16
6/1/2020	6/1/2020	001094719WAS	23.84
6/1/2020	6/1/2020	001094720WAS	24.05
6/1/2020	6/1/2020	001094721WAS	23.09
6/1/2020	6/1/2020	001094722WAS	22.46
6/1/2020	6/1/2020	001094723WAS	23.78
6/1/2020	6/1/2020	001094724WAS	23.01
6/1/2020	6/1/2020	001094725WAS	24.01
6/1/2020	6/1/2020	001094726WAS	25.9
6/1/2020	6/1/2020	001094727WAS	24.49
6/1/2020	6/1/2020	001094728WAS	23.36
6/1/2020	6/1/2020	001094729WAS	29.3
6/1/2020	6/1/2020	001094730WAS	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

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 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	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

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094675 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, UN3482, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000	K		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TN14003518 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 05/27/20 D: 240105 (4632016) BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-24 ERI: HERITAGE [13341898]							
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 behalf of Arconic Lafayette, LLC					Signature 		Month Day Year 05 27 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Kevin Davis					Signature 		Month Day Year 5 27 20
Transporter 2 Printed/Typed Name					Signature		Month Day Year
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)							
1. H132		2.		3.		4.	
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 DAN BANA					Signature 		Month Day Year 05 27 20

Scale Ticket

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 3214519

Transx 14003518

Pickup 27-MAY-20

Container 28947732 30 DT

Unit No DT 42-24

Manifest 001094675WAS

Gross Weight 80460

Tare Weight 34140

Net Weight 46320

Scale Date 27-MAY-20

Net Tons 23.16



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214519

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	21,010
Totals		1	21,010

Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094676 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503870		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, UN3492, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000	K		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. W1 Q1494198 TN14003520 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 05/27/20 d: 21056k5/402016 BULK PCB REMEDIATION WASTE TRAILER Trailer# 42-27 ERI: HERITAGE [13341899]							
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 Behalf of Arconic Lafayette, LLC. Signature <i>[Signature]</i> Month 05 Day 27 Year 20							
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name CORY MILAN Signature <i>[Signature]</i> Month 5 Day 27 Year 2020 Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____							
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____							
18b. Alternate Facility (or Generator) Facility's Phone: _____					U.S. EPA ID Number		
18c. Signature of Alternate Facility (or Generator) <i>[Signature]</i>							Month _____ Day _____ Year _____
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.	2.	3.	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 <i>[Signature]</i> Signature <i>[Signature]</i> Month 05 Day 27 Year 20							

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

Scale Ticket

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 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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214520

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	21,056
Totals		1	21,056

Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094677 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191			Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325				
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL				U.S. EPA ID Number IND058484114			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704				U.S. EPA ID Number IND980503870			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG#171	1	DT	20000	K		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. UN 01494180, IN 14003522 WGT IN SEC 15 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 05/27/20 BULK PCB REMEDIATION WASTE TRAILER Trailer# 42-28 ERI: HERITAGE [13341900]							
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 on Behalf of Arconic Lafayette, LLC				Signature <i>Corner Hedderick</i>	Month 05	Day 27	Year 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Michael Smallwood				Signature <i>Michael Smallwood</i>	Month 5	Day 27	Year 20
Transporter 2 Printed/Typed Name				Signature	Month	Day	Year
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator) Manifest Reference Number: 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)							
1.	2.	3.	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 DANN BARBA				Signature <i>DANN BARBA</i>	Month 05	Day 27	Year 20

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

Scale Ticket

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 3214521

Transx 14003522

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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214521

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	18,869
Totals		1	18,869

Jeffrey A. Laborsky, President

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094678 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058494114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000 22580	K		
	2.			05-2820			
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 T#14003524 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 05/27/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-24 ERI: HERITAGE [13341901]							
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 behalf of Arconic Lafayette, LLC					Signature <i>Conner Hedderick</i>		Month Day Year 05/27/20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Kevin Davis				Signature <i>Kevin Davis</i>		Month Day Year 5 27 20	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Discrepancy resolved by ROBERT PRZEBIL DOWSKI @3-28-20						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)							
1. H132		2.		3.		4.	
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 David Barta				Signature <i>David Barta</i>		Month Day Year 05/27/20	

Scale Ticket

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 3214522	
Transx 14003524	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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214522

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	22,580
Totals		1	22,580

Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800) 326-1221	4. Manifest Tracking Number 001094679 WAS			
5. Generator's Name and Mailing Address ARCUNIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCUNIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325				
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114			
7. Transporter 2 Company Name					U.S. EPA ID Number			
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890			
9a. HM	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 WL/Vol.	13. Waste Codes
X	1. RQ, UNS432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171			1		DT	20000 22171	K
	2.						05-28-20	
	3.							
	4.							
14. Special Handling Instructions and Additional Information 1. W1 Q1494186 TR14003526 WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 05/27/20 A: 22171 kg (48850 lb) BULK PCB REMEDIATION WASTE TRAILER Trailer# 42-27 ERI: HERITAGE [133419021]								
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 behalf of Arcunic Lafayette, LLC					Signature 		Month Day Year 05 27 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name CORY MILAN					Signature 		Month Day Year 5 27 20	
Transporter 2 Printed/Typed Name					Signature		Month Day Year	
18. Discrepancy								
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
DISCREPANCY RESOLVED PER PRESENT PRB 2 BINIOLSKI 05-28-20								
18b. Alternate Facility (or Generator)					Manifest Reference Number:			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)								
1. H132		2.		3.		4.		
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 David Banda					Signature 		Month Day Year 05 27 20	

Scale Ticket

Generator	<u>211325</u>	Facility	<u>9019</u>
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>3214523</u>	Gross Weight	<u>82140</u>
Transx	<u>14003526</u>	Tare Weight	<u>33260</u>
Pickup	<u>27-MAY-20</u>	Net Weight	<u>48880</u>
Container	<u>28948272</u>	Unit No	<u>DT 42-27</u>
	30 DT	Manifest	<u>001094679WAS</u>
		Scale Date	<u>27-MAY-20</u>
		Net Tons	<u>24.44</u>

Scale Ticket

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 3214556

Transx 14003591

Pickup 29-MAY-20

Container 28956769 30 DT

Unit No DT 42-27

Manifest 001094711WAS

Gross Weight 80500

Tare Weight 33100

Net Weight 47400

Scale Date 29-MAY-20

Net Tons 23.7



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890 **Stop :** 3214523

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	22,171
Totals		1	22,171

Jeffrey A. Laborsky, President

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094680 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LK), ERGN171	1	DT	20000	K		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 T#14003529 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 05/27/20 d: 19060 kg (424016) BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-28 ERI: HERITAGE [13341903]							
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/Offorer's Printed/Typed Name Conner Heddick on behalf of Arconic Lafayette, LLC					Signature <i>Conner Heddick</i>		Month Day Year 05/27/20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Michael S. Smith					Signature <i>Michael S. Smith</i>		Month Day Year 5/27/20
Transporter 2 Printed/Typed Name					Signature		Month Day Year
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)							
1.	2.	3.	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 David Barnea					Signature <i>David Barnea</i>		Month Day Year 05/27/20

Scale Ticket

Generator	<u>211325</u>	Facility	<u>9019</u>
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

Transx 14003529

Pickup 27-MAY-20

Container 28948481 30 DT

Unit No DT 42-28

Manifest 001094680WAS

Gross Weight 78060

Tare Weight 35820

Net Weight 42240

Scale Date 27-MAY-20

Net Tons 21.12



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214525

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	19,160
Totals		1	19,160

Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094681 WAS		
5. Generator's Name and Mailing Address ARCUNIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191				Generator's Site Address (if different than mailing address) ARCUNIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, UN3492, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG171	1	DT	20000	K		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TN14003531 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE <u>05/27/20</u> d: 19550kg (43100lb) BULK PCB REMEDIATION WASTE TRAILER Trailer#: <u>42-24</u> ERI: HERITAGE [13341904]							
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 <i>Cover Hedderick on behalf of Arcunic Lafayette, LLC</i>					Signature <i>C Hedderick</i>		Month Day Year <u>05</u> <u>27</u> <u>20</u>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <i>Kevin Davis</i>					Signature <i>Kevin Davis</i>		Month Day Year <u>5</u> <u>27</u> <u>20</u>
Transporter 2 Printed/Typed Name					Signature		Month Day Year
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)							
1. H132		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 16a							
Printed/Typed Name <i>David Banga</i>					Signature <i>[Signature]</i>		Month Day Year <u>05</u> <u>27</u> <u>20</u>

GENERATOR

TRANSPORTER INT'L

TRANSPORTER

DESIGNATED FACILITY

Scale Ticket

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 3214526

Transx 14003531

Pickup 27-MAY-20

Gross Weight 76920

Tare Weight 33820

Container 28948787 30 DT

Net Weight 43100

Unit No 'DT 42-24

Manifest 001094681WAS

Scale Date 27-MAY-20

Net Tons 21.55



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214526

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	19,550
Totals		1	19,550

Jeffrey A. Laborsky, President

TX:

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094682 WAS		
5. Generator's Name and Mailing Address ARGONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191				Generator's Site Address (if different than mailing address) ARGONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number INDY80503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	2000 22317	K		
	2.			05-28-20			
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TR14003533 UGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 05/27/20 d.c. 22317K (4920016) BULK PCB REMEDIATION WASTE TRAILER Trailer# 42-27 ERI: HERITAGE [13341905]							
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/Offoror's Printed/Typed Name Camer Haldorick on behalf of Argonic Lafayette, LLC					Signature 		Month Day Year 05/27/20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name LARRY MILAN					Signature 		Month Day Year 05 27 2020
Transporter 2 Printed/Typed Name					Signature		Month Day Year
18. Discrepancy							
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
DISCREPANCY RESOLVED PER ROBERT PRYZBYNDOWSKI 05-28-20							
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)							
1. H132		2.		3.		4.	
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 DANI DRABKA					Signature 		Month Day Year 05/27/20

Scale Ticket

Generator	<u>211325</u>	Facility	<u>9019</u>
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 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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214527

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	22,317
Totals		1	22,317

Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094683 WAS		
5. Generator's Name and Mailing Address ARCUNIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191				Generator's Site Address (if different than mailing address) ARCUNIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)495-2794					U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ. UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000	K		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TW14003E35 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE ^{d: 20656g (4554016)} 05/27/20 BULK PCB REMEDIATION WASTE TRAILER Trailer# <u>42-28</u> ERI: HERITAGE C133419061							
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/Officer's Printed/Typed Name Comer Hedderick on behalf of Arcunic Lafayette, LLC				Signature 		Month Day Year 05/27/20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Michael S...				Signature 		Month Day Year 5 27 20	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)							
1. H132		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18c							
Printed/Typed Name David B...				Signature 		Month Day Year 05/27/20	

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

Scale Ticket

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 3214528

Transx 14003535

Pickup 27-MAY-20

Container 28949948 30 DT

Unit No DT 42-28

Manifest 001094683WAS

Gross Weight 81200

Tare Weight 35660

Net Weight 45540

Scale Date 27-MAY-20

Net Tons 22.77



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214528

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	20,656
Totals		1	20,656

Jeffrey A. Laborsky, President



398



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)324-1221	4. Manifest Tracking Number 001094685 WAS					
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325						
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114					
7. Transporter 2 Company Name					U.S. EPA ID Number					
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	X	1. RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (KG = 1 LB), ERG#171		1	DT	20000 25020	K			
		2.				05-28-21				
		3.								
		4.								
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 I#14003539 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 5/28/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 72-24 ERI: HERITAGE C13341908J										
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 behalf of Arconic Lafayette, LLC Signature <i>Con Hedderick</i> Month 05 Day 28 Year 20										
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
	17. Transporter Acknowledgment of Receipt of Materials									
TRANSPORTER	Transporter 1 Printed/Typed Name Kevin Davis					Signature <i>Kevin Davis</i>		Month 5 Day 28 Year 20		
	Transporter 2 Printed/Typed Name					Signature		Month Day Year		
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	DISCREPANCY RESOLVED PER ROBERT PRZEBINDOWSKI 05-28-20 Manifest Reference Number: _____ U.S. EPA ID Number _____									
18b. Alternate Facility (or Generator) 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)										
1. H132		2.		3.		4.				
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 DAVID BERGA					Signature <i>David Berga</i>			Month 05 Day 28 Year 20		

Scale Ticket

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 3214530	
Transx 14003539	Gross Weight 89000
Pickup 28-MAY-20	Tare Weight 33840
Container 28951552 30 DT	Net Weight 55160
Unit No 'DT 42-24	
Manifest 001094685WAS	Scale Date 28-MAY-20
	Net Tons 27.58



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214530

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	25,020
Totals		1	25,020

Jeffrey A. Laborsky, President

T.X.



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094686 WAS	
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191			Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL			U.S. EPA ID Number IND058484114			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704			U.S. EPA ID Number IND980503890			
9a. HM	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 Codes
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERGN171	1	DT	20000	K	
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information 1. U1 Q1494188 TN14003541 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 5/28/20 BULK PCB REMEDIATION WASTE TRAILER Trailer# 42-28 ERI: HERITAGE [13341909]						
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 behalf of Arconic Lafayette, LLC					Signature <i>Con Hedderick</i>	
					Month Day Year 05 28 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Michael Smallwood			Signature <i>Michael Smallwood</i>		Month Day Year 5 28 20	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)						
1.	2.	3.	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 David Banya					Signature <i>David Banya</i>	
					Month Day Year 05 28 20	

Generator	<u>211325</u>	Facility	<u>9019</u>
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 3214531

Transx 14003541

Pickup 28-MAY-20

Gross Weight 77700

Tare Weight 36060

Container 28951553 30 DT

Net Weight 41640

Unit No DT 42-28

Manifest 001094686WAS

Scale Date 28-MAY-20

Net Tons 20.82



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214531

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	18,887
Totals		1	18,887

Jeffrey A. Laborsky, President



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800) 326-1221	4. Manifest Tracking Number 001094687 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765) 771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765) 435-2704					U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LK), ERGN171	1	DT	20000	K		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TH14003543 d: 21192 kg (46720 lb) WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 05/28/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-27 ERI: HERITAGE C13341910J							
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/Offorer's Printed/Typed Name Conner Hedderick on behalf of Arconic Lafayette, LLC					Signature <i>Con Hedderick</i>		Month Day Year 05 28 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name CORY MILAN					Signature <i>[Signature]</i>		Month Day Year 5 28 2020
Transporter 2 Printed/Typed Name					Signature		Month Day Year
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)							
1. H132		2.		3.		4.	
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 DAVID BARRERA					Signature <i>[Signature]</i>		Month Day Year 05 28 20

GENERATOR

TRANSPORTER INTL

DESIGNATED FACILITY

Scale Ticket

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 3214532

Transx 14003543

Pickup 28-MAY-20

Container 28951554 30 DT

Unit No 'DT 42-27

Manifest 001094687WAS

Gross Weight 80180

Tare Weight 33460

Net Weight 46720

Scale Date 28-MAY-20

Net Tons 23.36



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214532

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	21,192
Totals		1	21,192

Jeffrey A. Laborsky, President

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094688 WAS					
5. Generator's Name and Mailing Address ARGONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191			Generator's Site Address (if different than mailing address) ARGONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325							
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL				U.S. EPA ID Number IND058484114						
7. Transporter 2 Company Name				U.S. EPA ID Number						
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704				U.S. EPA ID Number IND980503890						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERGN171			1	DT	20000 25909	K			
	2.					0.5 LB				
	3.									
	4.									
14. Special Handling Instructions and Additional Information 1. U1 Q1494188 TR1400354E WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 05/28/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-23 ERI: HERITAGE C133419113										
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 behalf of Argonic Lafayette, LLC								Signature <i>Con Hedderick</i>		Month Day Year 05/28/20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
17. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name Jared Sutton					Signature <i>Jared Sutton</i>			Month Day Year 5/28/2020		
Transporter 2 Printed/Typed Name					Signature			Month Day Year		
18. Discrepancy										
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
DISCREPANCY REVIEWED PER ROBERT PRZEBINDOWSKI 6-5-28-20										
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ 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)										
1. H132		2.		3.		4.				
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 DANN PARZA					Signature <i>Dann Parza</i>			Month Day Year 05/28/20		

GENERATOR

INT'L TRANSPORTER

DESIGNATED FACILITY

Scale Ticket

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 3214533

Transx 14003545

Pickup 28-MAY-20

Gross Weight 91500

Tare Weight 34380

Container 28951605 30 DT

Net Weight 57120

Unit No DT 42-23

Manifest 001094688WAS

Scale Date 28-MAY-20

Net Tons 28.56



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214533

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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

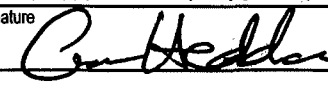
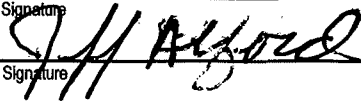
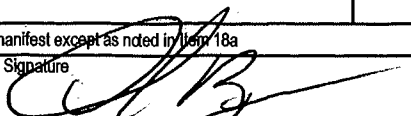
DISPOSAL DATE : 28-MAY-20

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

Jeffrey A. Laborsky, President

Please print or type.

Form Approved: OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800) 324-1221	4. Manifest Tracking Number 001094689 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765) 771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765) 435-2704					U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000 26372	K		
	2.			25-19-11			
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TW14003547 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 05 28 20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-29 ERI: HERITAGE [13341912]							
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 Connor Hedderick on behalf of Arconic Lafayette, LLC					Signature 		Month Day Year 05 28 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Jeff Alford					Signature 		Month Day Year 5 28 20
Transporter 2 Printed/Typed Name					Signature		Month Day Year
18. Discrepancy							
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Discrepancy resolved Robert Proebindowski 05-28-20							
18b. Alternate Facility (or Generator)					Manifest Reference Number: _____ 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)							
1. H132		2.		3.		4.	
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 DAN BAMA					Signature 		Month Day Year 05 28 20

Scale Ticket

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

Transx 14003547

Pickup 28-MAY-20

Gross Weight 89360

Tare Weight 31220

Container 28951649 30 DT

Net Weight 58140

Unit No DT 42-29

Manifest 001094689WAS

Scale Date 28-MAY-20

Net Tons 29.07



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214534

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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

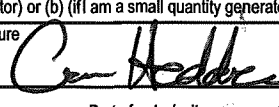
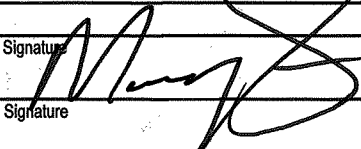
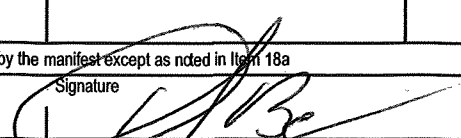
Disposal Process : Wastestream		# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT I	1	26,372
Totals		1	26,372

Jeffrey A. Laborsky, President

TX:

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094690 WAS		
5. Generator's Name and Mailing Address ARCUNIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCUNIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERGN171	1	DT	20000	K		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TH1400354P WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 5/29/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 2038 ERI: HERITAGE C133417131							
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 behalf of Arcunic Lafayette, LLC					Signature 		Month Day Year 05 28 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Michael Sward					Signature 		Month Day Year 5 28 20
Transporter 2 Printed/Typed Name					Signature		Month Day Year
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)							
1. H132		2.		3.		4.	
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 Dan M. [Signature]					Signature 		Month Day Year 05 28 20

Scale Ticket

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 3214535

Transx 14003549

Pickup 28-MAY-20

Container 28952582 30 DT

Unit No DT 42-28

Manifest 001094690WAS

Gross Weight 81540

Tare Weight 35920

Net Weight 45620

Scale Date 28-MAY-20

Net Tons 22.81



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214535

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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

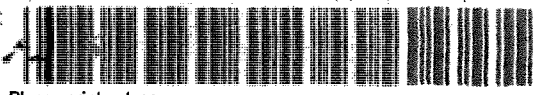
EPA ID NUMBER : IND005478094

DISPOSAL DATE : 28-MAY-20

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

Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094691 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ. UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9. PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERGN171	1	DT	20000	K		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. U1 Q1494188 TW14003551 MGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE <u>5/28/20</u> BULK PCB REMEDIATION WASTE TRAILER Trailer# <u>4227</u> ERI: HERITAGE [13341914]							
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/Offorer's Printed/Typed Name Conner Hedderick on behalf of Arconic, Lafayette, LLC.					Signature		Month Day Year 05/28/20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name CORY MIKAN					Signature		Month Day Year 5/28/2020
Transporter 2 Printed/Typed Name					Signature		Month Day Year
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)							
1. H132		2.		3.		4.	
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 DAVID BARGA					Signature		Month Day Year 05/28/20

GENERATOR

INTL

TRANSPORTER

DESIGNATED FACILITY

Scale Ticket

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 3214536

Transx 14003551

Pickup 28-MAY-20

Container 28952462 30 DT

Unit No DT 42-27

Manifest 001094691WAS

Gross Weight 79940

Tare Weight 33340

Net Weight 46600

Scale Date 28-MAY-20

Net Tons 23.3



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214536

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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

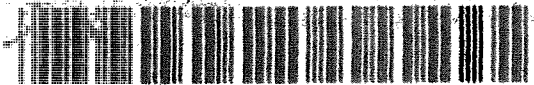
EPA ID NUMBER : IND005478094

DISPOSAL DATE : 28-MAY-20

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

Jeffrey A. Laborsky, President

TX:



542



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094692 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503870				
9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type						
X	1. RQ. UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171			1	DT	20000	K		
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TH14003553 WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE <u>5/28/20</u> BULK PCB REMEDIATION WASTE TRAILER Trailer#: _____ ERI: HERITAGE [133417153]									
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/Offoror's Printed/Typed Name Conner Hedderick on behalf of Arconic Lafayette, LLC					Signature <i>Conner Hedderick</i>			Month Day Year 05 28 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name STEVEN L. SMITH Signature <i>Steven L. Smith</i> Month Day Year 05 23 20 Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____									
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____									
18b. Alternate Facility (or Generator) Facility's Phone: _____					U.S. EPA ID Number				
18c. Signature of Alternate Facility (or Generator) <i>David Bama</i>								Month Day Year 05 28 20	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. H132		2.			3.		4.		
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 DAVID BAMA Signature <i>David Bama</i> Month Day Year 05 28 20									

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

Scale 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 3214537

Transx 14003553

Pickup 28-MAY-20

Container 28952618 30 DT

Unit No DT 42-23

Manifest 001094692WAS

Gross Weight 80780

Tare Weight 34360

Net Weight 46420

Scale Date 28-MAY-20

Net Tons 23.21



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214537

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	21,056
Totals		1	21,056

Jeffrey A. Laborsky, President

TX:



308



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094693 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type						
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171			1	DT	20000	K		
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information wt: 20920 kg (46120 lb) 1. W1 Q1494188 TW14003555 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 5/28/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-24 ERI: HERITAGE [13341916]									
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 behalf of Arconic Lafayette, LLC					Signature <i>Conner Hedderick</i>			Month Day Year 05 28 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Kevin Davis					Signature <i>Kevin Davis</i>			Month Day Year 5 28 20	
Transporter 2 Printed/Typed Name					Signature			Month Day Year	
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)									
1. H132		2.			3.		4.		
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 DAVID BANJA					Signature <i>David Banja</i>			Month Day Year 05 28 20	

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

Scale Ticket

Generator	<u>211325</u>	Facility	<u>9019</u>
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 3214538

Transx 14003555

Pickup 28-MAY-20

Container 28952621 30 DT

Unit No DT 42-24

Manifest 001094693WAS

Gross Weight 80420

Tare Weight 34300

Net Weight 46120

Scale Date 28-MAY-20

Net Tons 23.06



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214538

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	20,920
Totals		1	20,920

Jeffrey A. Laborsky, President

TX:

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094694 WAS	
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191			Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL			U.S. EPA ID Number IND05B484114			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704			U.S. EPA ID Number IND980503890			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
X	1. RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG171	1	DT	20000	K	
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information 1. WL Q1494188, TW14003557 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 5/28/20 d: 21727 kg (47900 lb) BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-29 ERI: HERITAGE [13341917]						
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 Comer Hedderick on behalf of Arconic Lafayette, LLC			Signature <i>Comer Hedderick</i>		Month Day Year 05 28 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Jeff Alford			Signature <i>Jeff Alford</i>		Month Day Year 5 28 20	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)						
1. H132		2.		3.		4.
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 DAVIN BANGS			Signature <i>Davin Bangs</i>		Month Day Year 05 28 20	

Scale Ticket

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 3214539

Transx 14003557

Pickup 28-MAY-20

Gross Weight 78880

Tare Weight 30980

Container 28952649 30 DT

Net Weight 47900

Unit No DT 42-29

Manifest 001094694WAS

Scale Date 28-MAY-20

Net Tons 23.95



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214539

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	21,727
Totals		1	21,727

Jeffrey A. Laborsky, President

Please print or type:

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 3	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094695 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, UN3492, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000 2226	K		
	2.			05-28-20			
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 T#14003559 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 5/28/20 d: 22266 (49000lb) BULK PCB REMEDIATION WASTE TRAILER Trailer #42-27 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 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 behalf of Arconic Lafayette, LLC					Signature <i>Con Hedderick</i>		Month Day Year 05/28/20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name CORY MICHA				Signature <i>[Signature]</i>		Month Day Year 5/28/20	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
DISCREPANCY RESOLVED PER ROBERT PRZEBINDOWSKI 05-28-20							
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)							
1. H132		2.		3.		4.	
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 DAVID RAMBA					Signature <i>[Signature]</i>		Month Day Year 05/28/20

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 _____

Pickup 28-MAY-20 _____

Container 28953053 6059 DT _____

Unit No DT 42-27 _____

Manifest 001094695WAS _____

Gross Weight 82120 _____

Tare Weight 33120 _____

Net Weight 49000 _____

Scale Date 28-MAY-20 _____

Net Tons 24.5 _____



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214540

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	22,226
Totals		1	22,226

Jeffrey A. Laborsky, President

TX:

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094696 WAS	
5. Generator's Name and Mailing Address ARCUNIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191			Generator's Site Address (if different than mailing address) ARCUNIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL				U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704				U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9. PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000	K	
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information 1. WL Q1494188 TH14003561 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 5/28/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 41-28 ERI: HERITAGE [13341919]						
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 behalf of Arcunic Lafayette, LLC				Signature <i>[Signature]</i>		Month Day Year 05 28 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Michael S. Woodward				Signature <i>[Signature]</i>		Month Day Year 5 28 20
Transporter 2 Printed/Typed Name				Signature		Month Day Year
18. Discrepancy -						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)						
1.	2.	3.	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 David D. Bama				Signature <i>[Signature]</i>		Month Day Year 05 28 20

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

Scale Ticket

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 3214541

Transx 14003561

Pickup 28-MAY-20

Gross Weight 82020

Tare Weight 35700

Container 28953131 30 DT

Net Weight 46320

Unit No DT 42-28

Manifest 001094696WAS

Scale Date 28-MAY-20

Net Tons 23.16



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214541

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	21,010
Totals		1	21,010

Jeffrey A. Laborsky, President

TX:

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094697 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191		Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325						
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL			U.S. EPA ID Number IND058484114					
7. Transporter 2 Company Name			U.S. EPA ID Number					
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704			U.S. EPA ID Number IND980503890					
GENERATOR	9a. HM	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 Codes	
	X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000	K		
		2.						
		3.						
		4.						
14. Special Handling Instructions and Additional Information 1. W1 Q1474188 T014003563 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 5/28/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-24 ERI: HERITAGE [13341920]								
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 behalf of Arconic Lafayette, LLC						Signature <i>Conner Hedderick</i>		Month Day Year 05 28 20
TRANSPORTER INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name Kevin Davis				Signature <i>Kevin Davis</i>		Month Day Year 5 28 20	
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
DESIGNATED FACILITY	18. Discrepancy							
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
	18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____							
	Facility's Phone: _____						Month Day Year	
	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. H132		2.		3.		4.		
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 DAVID BARIA						Signature <i>David Baria</i>		Month Day Year 05 28 20

Scale 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 3214542

Transx 14003563

Pickup 28-MAY-20

Container 28953150 30 DT

Unit No DT 42-24

Manifest 001094697WAS

Gross Weight 81040

Tare Weight 34260

Net Weight 46780

Scale Date 28-MAY-20

Net Tons 23.39



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214542

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	21,219
Totals		1	21,219

Jeffrey A. Laborsky, President

TX:

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094698 WAS	
5. Generator's Name and Mailing Address ARCUNIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191			Generator's Site Address (if different than mailing address) ARCUNIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL				U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704				U.S. EPA ID Number IND980503890		
9a. HM	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 Codes
X	1. RQ, UN3492, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, FGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000 2261	K	
	2.			251810		
	3.					
	4.					
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TW14003565 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 5/28/20 A: 22CC14 (499601b) BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-29 ERI: HERITAGE [13341921]						
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 behalf of Arcunic Lafayette, LLC				Signature <i>Conner Hedderick</i>		Month Day Year 05 28 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Jeff Alford				Signature <i>Jeff Alford</i>		Month Day Year 5 28 20
Transporter 2 Printed/Typed Name				Signature		Month Day Year
18. Discrepancy						
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator) DISCREPANCY RESOLVED PER ROBERT PRZEBINDOWSKI				Manifest Reference Number: 25-28-20		U.S. EPA ID Number
Facility's Phone:				U.S. EPA ID Number		
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.	2.	3.	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 DAVID BARGA				Signature <i>David Barga</i>		Month Day Year 05 28 20

Scale Ticket

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 3214543

Transx 14003565

Pickup 28-MAY-20

Gross Weight 80740

Tare Weight 30780

Container 28953151 30 DT

Net Weight 49960

Unit No DT 42-29

Manifest 001094698WAS

Scale Date 28-MAY-20

Net Tons 24.98



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214543

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	22,661
Totals		1	22,661

 Jeffrey A. Laborsky, President

542

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094699 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERGM171	1	DT	20000 22153	K		
	2.			05-28-20			
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 T#14003567 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 5/28/20 As 22153kg (48840lb)							
BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-23 ERI:HERITAGE C133419221							
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 Cover Hedderick on behalf of Arconic Lafayette, LLC					Signature 		Month Day Year 05 28 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name STEVEN L SMITH					Signature 		Month Day Year 05 28 20
Transporter 2 Printed/Typed Name					Signature		Month Day Year
18. Discrepancy							
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
DISCREPANCY RESOLVED PER ROBERT PRZEBINDOWSKI 05-28-20							
18b. Alternate Facility (or Generator)					Manifest Reference Number: 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)							
1. H132		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18.							
Printed/Typed Name DAN MORGAN					Signature 		Month Day Year 05 28 20

GENERATOR

TRANSPORTER INTL

DESIGNATED FACILITY

Scale Ticket

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 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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214544

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	22,153
Totals		1	22,153

Jeffrey A. Laborsky, President

TX:

398

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094700 WAS	
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191			Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL				U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704				U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERGN171	1	DT	20000 22,734	K	
	2.			BW 5-29-2020		
	3.					
	4.					
14. Special Handling Instructions and Additional Information 1. W1 Q14941BB TH1400356P WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE, <u>5/29/20</u> ^{WT 50,120/L5} 22,734K5 BULK PCB REMEDIATION WASTE TRAILER Trailer#: <u>42-24</u> ERI: HERITAGE [13341923]						
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 Comer Hedderick on behalf of Arconic Lafayette, LLC				Signature <i>Comer Hedderick</i>		Month Day Year 5 29 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Kevin Davis				Signature <i>Kevin Davis</i>		Month Day Year 5 29 20
Transporter 2 Printed/Typed Name				Signature		Month Day Year
18. Discrepancy						
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Discrepancy resolved per Robert PRZ Bindowski BW 5-29-2020 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)						
1.	2.	3.	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 Brian Williams				Signature <i>Brian Williams</i>		Month Day Year 5 29 20

Scale Ticket

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 3214545

Transx 14003569

Pickup 29-MAY-20

Gross Weight 84080

Tare Weight 33960

Container 28954381 30 DT

Net Weight 50120

Unit No DT 42-24

Manifest 001094700WAS

Scale Date 29-MAY-20

Net Tons 25.06



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214545

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	22,734
Totals		1	22,734

Jeffrey A. Laborsky, President

TX:

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094701 WAS
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5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191	Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325
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6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL	U.S. EPA ID Number IND058484114
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7. Transporter 2 Company Name	U.S. EPA ID Number
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8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704	U.S. EPA ID Number IND980503890
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9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000	K			
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information 1. W1 01494188 TN14003571 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE <u>5/29/20</u> ^{WT 46,520 lbs} 21,101K, BULK PCB REMEDIATION WASTE TRAILER Trailer# <u>42-27</u> ERI: HERITAGE [13341924]	
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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 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 Connor Hedderick on behalf of Arconic Lafayette, LLC	Signature <i>Connor Hedderick</i>	Month Day Year 5 29 20
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16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.	Port of entry/exit: Date leaving U.S.:
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17. Transporter Acknowledgment of Receipt of Materials		
Transporter 1 Printed/Typed Name CORY MILAN	Signature <i>Cory Milan</i>	Month Day Year 5 29 20
Transporter 2 Printed/Typed Name	Signature	Month Day Year

18. Discrepancy					
18a. Discrepancy Indication Space	<input type="checkbox"/> Quantity	<input type="checkbox"/> Type	<input type="checkbox"/> Residue	<input type="checkbox"/> Partial Rejection	<input type="checkbox"/> 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
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19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)			
1. H132	2.	3.	4.

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 Brian Williams	Signature <i>Brian Williams</i>	Month Day Year 5 29 20

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

Scale Ticket

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 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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214546

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	21,101
Totals		1	21,101

Jeffrey A. Laborsky, President



438



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800) 328-1221	4. Manifest Tracking Number 001094702 WAS	
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191			Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL				U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704				U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG171	1	DT	20000	K	
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TW14003573 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 5/29/20 20,157kg BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-32 ERI: HERITAGE [13341925] wt 44,490 lbs						
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 Cormor Hederick on behalf of Arconic Lafayette, LLC				Signature Cormor Hederick		Month Day Year 5 29 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name FRANK ALFRED				Signature Frank Alfred		Month Day Year 5 29 20
Transporter 2 Printed/Typed Name				Signature		Month Day Year
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)						
1.	2.	3.	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 Brian Williams				Signature Brian Williams		Month Day Year 5 29 20

GENERATOR

TRANSPORTER INTL

DESIGNATED FACILITY

Scale Ticket

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 3214547

Transx 14003573

Pickup 29-MAY-20

Container 28954389 30 DT

Unit No DT 42-32

Manifest 001094702WAS

Gross Weight 75600

Tare Weight 31160

Net Weight 44440

Scale Date 29-MAY-20

Net Tons 22.22



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214547

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	20,157
Totals		1	20,157

Jeffrey A. Laborsky, President

TX:

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094703 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N RDACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WT./Vol.	13. Waste Codes	
		No.	Type				
X	1. RO, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGI, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000	K		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. W1 01494188 TW14003575 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE <u>5/29/20</u> 21,672 kg BULK PCB REMEDIATION WASTE TRAILER Trailer#: <u>42-29</u> ERI: HERITAGE [133419261] WT 47,780 lbs							
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 <i>Conner Hedderick on behalf of Arconic Lafayette, LLC</i>					Signature <i>Con Hedderick</i>		Month Day Year <u>5</u> <u>29</u> <u>20</u>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <i>Jeff Alford</i>					Signature <i>J Alford</i>		Month Day Year <u>5</u> <u>29</u> <u>20</u>
Transporter 2 Printed/Typed Name					Signature		Month Day Year
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)							
1. H132		2.		3.		4.	
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 <i>Brian Williams</i>					Signature <i>Brian Williams</i>		Month Day Year <u>5</u> <u>29</u> <u>20</u>

Scale Ticket

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 3214548

Transx 14003575

Pickup 29-MAY-20

Container 28954392 30 DT

Unit No DT 42-29

Manifest 001094703WAS

Gross Weight 78520

Tare Weight 30740

Net Weight 47780

Scale Date 29-MAY-20

Net Tons 23.89



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214548

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	21,672
Totals		1	21,672

Jeffrey A. Laborsky, President

TX:



400



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094704 WAS			
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325				
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114			
7. Transporter 2 Company Name					U.S. EPA ID Number			
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERGH171	1	DT	20000	K			
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 T#14003577 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 5/29/20 <i>WT 42,660 lbs</i> BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-28 <i>19,350 kg</i> ERI: HERITAGE [13341927]								
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 Connor Hedderick on behalf of Arconic Lafayette, LLC					Signature <i>Connor Hedderick</i>	Month 5	Day 29	Year 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name Jerad Sutton				Signature <i>Jerad Sutton</i>	Month 5	Day 29	Year 20	
Transporter 2 Printed/Typed Name				Signature	Month	Day	Year	
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)								
1.	2.	3.	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 Brian Williams				Signature <i>Brian Williams</i>	Month 5	Day 29	Year 20	

Scale Ticket

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 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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214549

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	19,350
Totals		1	19,350

Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094705 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
				No.	Type				
X	1. RQ. UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERGN171			1	DT	20000	K		
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TW14003579 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 5/29/20 18,706 kg BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-24 ERI: HERITAGE C133419281									
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 behalf of Arconic Lafayette, LLC					Signature <i>Conner Hedderick</i>		Month Day Year 5 29 20		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Kevin Davis				Signature <i>Kevin Davis</i>		Month Day Year 5 29 20			
Transporter 2 Printed/Typed Name				Signature		Month Day Year			
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)									
1.	H132			2.			3.		
4.									
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 Brian Williams					Signature <i>Brian Williams</i>		Month Day Year 5 29 20		

Scale 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 3214550

Transx 14003579

Pickup 29-MAY-20

Container 28954865 30 DT

Unit No DT 42-24

Manifest 001094705WAS

Gross Weight 75000

Tare Weight 33760

Net Weight 41240

Scale Date 29-MAY-20

Net Tons 20.62



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214550

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	18,706
Totals		1	18,706

 Jeffrey A. Laborsky, President

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094706 WAS			
5. Generator's Name and Mailing Address ARCUNIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCUNIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325				
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114			
7. Transporter 2 Company Name					U.S. EPA ID Number			
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503870			
9a. HM	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 Codes
X	1. R0, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (R0 = 1 LB), ERGN171			1		DT	20000	K
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information WT 48,060 lbs 1. U1 Q1494188 TH14003581 WGT IN SEC II IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 5/29/20 21,799 kg BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-7227 ERI: HERITAGE C133419291								
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 Hedderson on behalf of Arcunic Lafayette, LLC					Signature <i>Conner Hedderson</i>		Month Day Year 5 29 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name CORY MURAN					Signature <i>[Signature]</i>		Month Day Year 5 29 2020	
Transporter 2 Printed/Typed Name					Signature		Month Day Year	
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)								
1. H132		2.		3.		4.		
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 Brian Williams					Signature <i>Brian Williams</i>		Month Day Year 5 29 20	

Scale 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 3214551

Transx 14003581

Pickup 29-MAY-20

Container 28955368 30 DT

Unit No DT 42-27

Manifest 001094706WAS

Gross Weight 81320

Tare Weight 33260

Net Weight 48060

Scale Date 29-MAY-20

Net Tons 24.03



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214551

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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

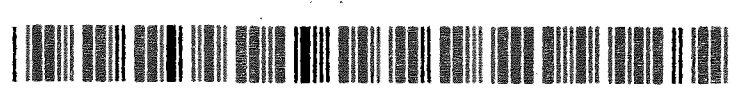
Disposal Process : Wastestream		# Containers	Total Kilograms
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT I	1	21,799
Totals		1	21,799

Jeffrey A. Laborsky, President

TX:



438



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800) 326-1221	4. Manifest Tracking Number 001094707 WAS	
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765) 771-3191			Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL			U.S. EPA ID Number IND058484114			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765) 435-2704			U.S. EPA ID Number IND980503890			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
		No.	Type			
X	1. RG UN3492, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG#171	1	DT	20000 23,714	K	
	2.			BW		
	3.			5-29-2020		
	4.					
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TW14003583 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE <u>5/29/20</u> ^{WT 52,280 lbs} 23,714 kg BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-32 ERI: HERITAGE [133419301]						
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 on behalf of Arconic Lafayette, LLC			Signature <i>[Signature]</i>		Month Day Year 5/29/20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name FRANK ALFORD			Signature <i>[Signature]</i>		Month Day Year 5/29/20	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
18. Discrepancy						
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Discrepancy resolved per Robert Prezbindowski BW 5-29-2020 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)						
1.	2.	3.	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 Brian Williams			Signature <i>[Signature]</i>		Month Day Year 5/29/20	

GENERATOR

TRANSPORTER INTL

DESIGNATED FACILITY

Scale Ticket

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 3214552

Transx 14003583

Pickup 29-MAY-20

Gross Weight 83300

Tare Weight 31020

Container 28955399 30 DT

Net Weight 52280

Unit No DT 42-32

Manifest 001094707WAS

Scale Date 29-MAY-20

Net Tons 26.14



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214552

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 : 001094707WAS

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 I	1	23,714
Totals		1	23,714

Jeffrey A. Laborsky, President

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094708 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503870				
9a. HM	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 Codes	
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ER6H171			1		DT	20000 23,088	K	
	2.						BW		
	3.						5-29-2020		
	4.								
14. Special Handling Instructions and Additional Information 1. U1 01494188 TR14003585 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 5/29/20 23,088kg BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-29 ERI: HERITAGE [13341931]									
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/Offorer's Printed/Typed Name Conner Hedderick on behalf of Arconic Lafayette, LLC					Signature <i>Conner Hedderick</i>			Month Day Year 5 29 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Jeff Alford					Signature <i>Jeff Alford</i>			Month Day Year 5 29 20	
Transporter 2 Printed/Typed Name					Signature			Month Day Year	
18. Discrepancy									
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Discrepancy resolved per Robert Prezbindowski BW 5-29-2020									
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)									
1. H132		2.		3.		4.			
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 Brian Williams					Signature <i>Brian Williams</i>			Month Day Year 5 29 20	

Scale 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 3214553

Transx 14003585

Pickup 29-MAY-20

Container 28955479 30 DT

Unit No DT 42-29

Manifest 001094708WAS

Gross Weight 81980

Tare Weight 31080

Net Weight 50900

Scale Date 29-MAY-20

Net Tons 25.45



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214553

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	23,088
Totals		1	23,088

Jeffrey A. Laborsky, President

TX:



400



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094709 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191			Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325				
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL			U.S. EPA ID Number IND05B484114				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704			U.S. EPA ID Number IND980503890				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000 22,788 BW 5-29-2020	K		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. WI 01494188 TW14003587 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 5/29/20 22,788K BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-28 ERI: HERITAGE [13341932]							
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 behalf of Arconic Lafayette, LLC			Signature 		Month Day Year 5/29/20		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Joseph Sutton			Signature 		Month Day Year 5/28/2010		
Transporter 2 Printed/Typed Name			Signature		Month Day Year		
18. Discrepancy							
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Discrepancy resolved per Robert Prezbindowski BW 5-29-2020							
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)							
1. H132		2.		3.		4.	
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 Brian Williams			Signature 		Month Day Year 5/29/20		

Scale Ticket

Generator	<u>211325</u>	Facility	<u>9019</u>
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 3214554

Transx 14003587

Pickup 29-MAY-20

Gross Weight 84120

Tare Weight 33880

Container 28955635 30 DT

Net Weight 50240

Unit No DT 42-28

Manifest 001094709WAS

Scale Date 29-MAY-20

Net Tons 25.12



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214554

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	22,788
Totals		1	22,788

Jeffrey A. Laborsky, President

398

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800) 326-1221	4. Manifest Tracking Number 001094710 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765) 771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL				U.S. EPA ID Number IND058484114			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765) 435-2704				U.S. EPA ID Number IND980503890			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000 23,042 BW 5-29-2020	K		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. WI Q1494188 TW14003589 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 5/29/20 23,042kg WT 50,800/lb BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-24 ERI: HERITAGE [13341933]							
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 behalf of Arconic Lafayette, LLC				Signature Con Hedderick		Month Day Year 5 29 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> 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 Kevin Davis				Signature Kevin Davis		Month Day Year 5 29 20	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Discrepancy resolved per Robert W. Bindowski BW 5-29-2020 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)							
1. H132		2.		3.		4.	
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 Brian Williams				Signature Brian Williams		Month Day Year 5 29 20	

Scale Ticket

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 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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214555

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	23,042
Totals		1	23,042

Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094711 WAS	
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191			Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL				U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704				U.S. EPA ID Number IND980503890		
9a. HM	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 Codes
X	1. RG, UN3492, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERGM171	1	DT	20000	K	
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 IN14003591 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 5/29/2020 21,500 Kgs BULK PCB REMEDIATION WASTE TRAILER Trailer# 42-27 ERI: HERITAGE [13341934]						
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 behalf of Arconic, Lafayette, LLC			Signature <i>Con Hedderick</i>		Month Day Year 5 29 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name CORY MILAN			Signature <i>[Signature]</i>		Month Day Year 5 29 20	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____						
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.	2.	3.	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 Brian Williams			Signature <i>Brian Williams</i>		Month Day Year 5 29 20	



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214556

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	21,500
Totals		1	21,500

Jeffrey A. Laborsky, President

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 3214556 _____

Transx 14003591 _____

Pickup 29-MAY-20 _____

Container 28956769 6059 DT _____

Unit No DT 42-27 _____

Manifest 001094711WAS _____

Gross Weight 80500 _____

Tare Weight 33100 _____

Net Weight 47400 _____

Scale Date 29-MAY-20 _____

Net Tons 23.7 _____

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094712 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, UN3492, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000 22,670 <i>BW</i>	K		
	2.			5-29-2020			
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TN14003573 WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 5/29/20 22,670 kg BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-29 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/Officer's Printed/Typed Name Conner Helderick on behalf of Arconic Lafayette, LLC					Signature <i>Conner Helderick</i>		Month Day Year 5/29/20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Jeff Alford					Signature <i>Jeff Alford</i>		Month Day Year 5/29/20
Transporter 2 Printed/Typed Name					Signature		Month Day Year
18. Discrepancy							
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Discrepancy resolved per Robert Rez Bindowski BW 5-29-2020							
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)							
1.	2.	3.	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 Brian Williams					Signature <i>Brian Williams</i>		Month Day Year 5/29/20

Scale 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 3214557

Transx 14003593

Pickup 29-MAY-20

Container 28956790 30 DT

Unit No DT 42-29

Manifest 001094712WAS

Gross Weight 80900

Tare Weight 30920

Net Weight 49980

Scale Date 29-MAY-20

Net Tons 24.99



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214557

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 : 001094712WAS

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 I	1	22,670
Totals		1	22,670

Jeffrey A. Laborsky, President



438



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094713 WAS			
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325				
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114			
7. Transporter 2 Company Name					U.S. EPA ID Number			
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
				No.	Type			
X	1. RG, UN3492, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG#171			1	DT	20000	K	
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information 1. U1 Q1494188 TW14003595 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 5/29/20 20,357 Kg WT 44,880 lbs BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-32 ERI: HERITAGE [13341936]								
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 Connor Hedderick on behalf of Arconic Lafayette, LLC					Signature <i>Connor Hedderick</i>		Month Day Year 5 29 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name Frank Reed					Signature <i>Frank Reed</i>		Month Day Year 5 29 2020	
Transporter 2 Printed/Typed Name					Signature		Month Day Year	
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)								
1.	2.			3.		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 Brian Williams					Signature <i>Brian Williams</i>		Month Day Year 5 29 20	

Scale Ticket

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 3214558

Transx 14003595

Pickup 29-MAY-20

Container 28956791 30 DT

Unit No DT 42-32

Manifest 001094713WAS

Gross Weight 75740

Tare Weight 30860

Net Weight 44880

Scale Date 29-MAY-20

Net Tons 22.44



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214558

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	20,357
Totals		1	20,357

Jeffrey A. Laborsky, President

TX:

400

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800) 326-1221	4. Manifest Tracking Number 001094714 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765) 771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765) 435-2704					U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9. PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000	K		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. U1 Q1494188 TR14003597 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE <u>5/29/20</u> ^{WT 46,160 lbs} _{20,938 kg} BULK PCB REMEDIATION WASTE TRAILER Trailer#: <u>42-28</u> ERI: HERITAGE [13341937]							
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 <i>Conner Hedderick on behalf of Arconic Lafayette, LLC</i>					Signature <i>Con Hedderick</i>		Month Day Year <u>5/29/20</u>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <i>Joel Sutton</i>					Signature <i>Joel Sutton</i>		Month Day Year <u>05/29/2020</u>
Transporter 2 Printed/Typed Name					Signature		Month Day Year
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____							
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. <u>H132</u>		2.		3.		4.	
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 <i>Brian Williams</i>					Signature <i>Brian Williams</i>		Month Day Year <u>5/29/20</u>

Scale Ticket

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 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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214559

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 I	1	20,938
Totals		1	20,938

Jeffrey A. Laborsky, President

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094715 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	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 Codes	
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PBIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171			1		DT	20000	K	
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 T#14003599 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/1/20 M: 20871K (4602016) BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-27 ERI: HERITAGE C133419381									
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 on behalf of Arconic Lafayette, LLC					Signature <i>[Signature]</i>		Month 6	Day 1	Year 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name CORY MILAN					Signature <i>[Signature]</i>		Month 6	Day 1	Year 2020
Transporter 2 Printed/Typed Name					Signature		Month	Day	Year
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)									
1.	2.			3.		4.			
	H132								
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 10a									
Printed/Typed Name D. M. BARRA					Signature <i>[Signature]</i>		Month 10	Day 01	Year 20

Scale Ticket

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 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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214560

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

Jeffrey A. Laborsky, President

400

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094716 WAS				
5. Generator's Name and Mailing Address ARCORNIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCORNIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	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 Codes	
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERGH171			1		DT	20000	K	
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TH14003601 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/1/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-28 ERI:HERITAGE [13341939]									
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 Cover Hedderick on behalf of Arcornic Lafayette, LLC					Signature <i>Cover Hedderick</i>		Month 6	Day 1	Year 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Jerald Sutton				Signature <i>Jerald Sutton</i>		Month 6	Day 1	Year 2008	
Transporter 2 Printed/Typed Name				Signature		Month	Day	Year	
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)									
1.	2.			3.		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 DAVID BARGA					Signature <i>David Barga</i>		Month 06	Day 01	Year 20

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

Scale Ticket

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 3214561

Transx 14003601

Pickup 01-JUN-20

Container 28959416 30 DT

Unit No DT 42-28

Manifest 001094716WAS

Gross Weight 80320

Tare Weight 33780

Net Weight 46540

Scale Date 01-JUN-20

Net Tons 23.27



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214561

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

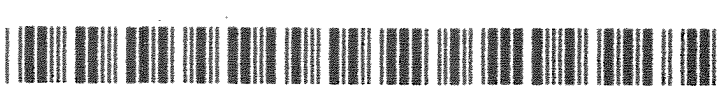
Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,110	H132
Totals		1	21,110	

Jeffrey A. Laborsky, President

TX:



542



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094717 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ UN3492, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PBIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000	K		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. W1 Q14941BB TW14003603 d. 21999kg (48500lb) MGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/1/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-33 ERI:HERITAGE C13341940J							
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 on behalf of Arconic Lafayette, LLC					Signature C Hedderick		Month Day Year 6 1 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name STEVEN L. SMITH					Signature [Signature]		Month Day Year 6 1 20
Transporter 2 Printed/Typed Name					Signature		Month Day Year
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)							
1.	2.	3.	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 DAVID BARGA					Signature [Signature]		Month Day Year 06 01 20

Scale Ticket

Generator	<u>211325</u>	Facility	<u>9019</u>
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 3214562

Transx 14003603

Pickup 01-JUN-20

Gross Weight 82860

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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214562

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 : 001094717WAS

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	21,999	H132
Totals		1	21,999	

Jeffrey A. Laborsky, President



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094718 WAS					
5. Generator's Name and Mailing Address ARCUNIL LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCUNIL LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325						
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114					
7. Transporter 2 Company Name					U.S. EPA ID Number					
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
				No.	Type					
	X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171		1	DT	20000	K			
		2.								
		3.								
	4.									
14. Special Handling Instructions and Additional Information 1. WL Q1474188 TW14003605 <i>d: 18289 Ks (4032016)</i> WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/1/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-23 ERI: HERITAGE [13341941]										
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/Offoror's Printed/Typed Name Copper Haddock on behalf of Arcunil Lafayette, LLC					Signature <i>Copper Haddock</i>			Month 6	Day 1	Year 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
17. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name TIM WILSON					Signature <i>Tim Wilson</i>			Month 6	Day 1	Year 20
Transporter 2 Printed/Typed Name					Signature			Month	Day	Year
18. Discrepancy										
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)										
1.	2.	3.	4.							
	M132									
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 DAVID PRIMA					Signature <i>David Prima</i>			Month 06	Day 01	Year 20

Scale Ticket

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 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

Net Tons 20.16



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214563

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

Jeffrey A. Laborsky, President

T.X:

398

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)324-1221	4. Manifest Tracking Number 001094719 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890				
GENERATOR	9a. HM	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 Codes	
	X	1. RQ, UN3452, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171		1 DT		20000	K		
		2.							
		3.							
		4.							
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TR14003607 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE <u>6/1/20</u> BULK PCB REMEDIATION WASTE TRAILER Trailer#: <u>42-24</u> 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/Offoror's Printed/Typed Name Conner Hedderick on behalf of Arconic Lafayette, LLC					Signature <i>Conner Hedderick</i>			Month Day Year 6 1 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Kevin Davis					Signature <i>Kevin Davis</i>			Month Day Year 6 1 20	
Transporter 2 Printed/Typed Name					Signature			Month Day Year	
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)									
1. H132		2.		3.		4.			
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 Dawn Bamba					Signature <i>Dawn Bamba</i>			Month Day Year 06 01 20	

Scale Ticket

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 3214564	
Transx 14003607	Gross Weight 82040
Pickup 01-JUN-20	Tare Weight 34360
Container 28959444 30 DT	Net Weight 47680
Unit No DT 42-24	
Manifest 001094719WAS	Scale Date 01-JUN-20
	Net Tons 23.84



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214564

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

Jeffrey A. Laborsky, President

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094720 WAS					
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325						
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114					
7. Transporter 2 Company Name					U.S. EPA ID Number					
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890					
GENERATOR	9a. HM	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 Codes		
	X	1. RG, UN3492, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG#171		1 DT		20000	K			
		2.								
		3.								
		4.								
14. Special Handling Instructions and Additional Information 1. WI Q1494188 T#14003607 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE <u>6/1/20</u> BULK PCB REMEDIATION WASTE TRAILER Trailer#: <u>42-29</u> ERI: HERITAGE [13341943]										
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 <i>Cornel Hedderick on behalf of Arconic Lafayette, LLC</i>					Signature <i>Cornel Hedderick</i>		Month 6	Day 1	Year 20	
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
	17. Transporter Acknowledgment of Receipt of Materials									
TRANSPORTER	Transporter 1 Printed/Typed Name <i>Jeff Alford</i>					Signature <i>Jeff Alford</i>		Month 6	Day 1	Year 20
	Transporter 2 Printed/Typed Name					Signature		Month	Day	Year
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	18b. Alternate Facility (or Generator)					Manifest Reference Number:			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)										
1. <i>H132</i>		2.		3.		4.				
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 <i>DAVID BARBA</i>					Signature <i>David Barba</i>		Month 06	Day 01	Year 20	

Scale Ticket

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 3214565

Transx 14003609

Pickup 01-JUN-20

Gross Weight 79200

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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214565

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	

Jeffrey A. Laborsky, President

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094721 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	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 Codes	
X	1. RQ UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171			1		DT	20000	K	
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information As 2017Ks (4618016) 1. W1 Q1494198 TH14003611 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/1/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-27 ERI: HERITAGE [13341944]									
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 behalf of Arconic Lafayette, LLC.					Signature 			Month Day Year 6 1 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name CORY MILAN					Signature 			Month Day Year 6 1 2020	
Transporter 2 Printed/Typed Name					Signature			Month Day Year	
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)									
1. H132			2.			3.			4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 19a									
Printed/Typed Name David B...					Signature 			Month Day Year 06 01 20	

Scale Ticket

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 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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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	

Jeffrey A. Laborsky, President



400



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094722 WAS				
5. Generator's Name and Mailing Address ARCUNIL LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCUNIL LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL.					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-7593 (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
				No.	Type				
X	1. RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG#171			1	DT	20000	K		
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information 1. W1 01474158 T#14003613 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE <u>6/1/20</u> d: 20375 kg (44920 lb) BULK PCB REMEDIATION WASTE TRAILER Trailer#: <u>42-28</u> ERI: HERITAGE [13341945]									
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/Offoror's Printed/Typed Name Cormer Hedderick on behalf of Arcunil Lafayette, LLC.					Signature <i>Cormer Hedderick</i>			Month Day Year 6 1 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Jared Sutton					Signature <i>Jared Sutton</i>			Month Day Year 6 1 2020	
Transporter 2 Printed/Typed Name					Signature			Month Day Year	
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)									
1. H132		2.		3.		4.			
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 DAVID BARGA					Signature <i>David Barga</i>			Month Day Year 06 01 20	

Scale Ticket

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 3214567

Transx 14003613

Pickup 01-JUN-20

Gross Weight 78580

Tare Weight 33660

Container 28960501 30 DT

Net Weight 44920

Unit No DT 42-28

Manifest 001094722WAS

Scale Date 01-JUN-20

Net Tons 22.46



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214567

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

Jeffrey A. Laborsky, President



528



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)324-1221	4. Manifest Tracking Number 001094723 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes			
		No.	Type						
X	1. RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG#171	1	DT	20000	K				
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information 1. W1 Q1474188 T#14003615 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE <u>6/1/20</u> d: 21573kg (47566lb) BULK PCB REMEDIATION WASTE TRAILER Trailer#: <u>42-23</u> 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/Offoror's Printed/Typed Name Conner Hedderick on behalf of Arconic Lafayette, LLC					Signature <i>Conner Hedderick</i>		Month 6	Day 1	Year 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name TIM WILSON					Signature <i>Tim Wilson</i>		Month 6	Day 1	Year 20
Transporter 2 Printed/Typed Name					Signature		Month	Day	Year
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)									
1. H132		2.		3.		4.			
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 DAVID B... <i>David B...</i>					Signature <i>David B...</i>		Month 06	Day 01	Year 20

Scale Ticket

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 3214568

Transx 14003615

Pickup 01-JUN-20

Container 28960586 30 DT

Unit No DT 42-23

Manifest 001094723WAS

Gross Weight 81600

Tare Weight 34040

Net Weight 47560

Scale Date 01-JUN-20

Net Tons 23.78



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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	

 Jeffrey A. Laborsky, President

T.X.



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094724 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	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 Codes	
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, P, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171			1		DT	20000	K	
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 T#14003617 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/1/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-33 ERI: HERITAGE [13341947]									
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/Offoror's Printed/Typed Name Conner Hedderick on behalf of Arconic Lafayette, LLC					Signature 			Month Day Year 6 1 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name STEVEN L. SMITH					Signature 			Month Day Year 6 1 20	
Transporter 2 Printed/Typed Name					Signature			Month Day Year	
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)									
1. H132		2.			3.		4.		
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 DAVID BAKER					Signature 			Month Day Year 10 6 20	

Scale Ticket

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>3214569</u>	
Transx <u>14003617</u>	Gross Weight <u>80280</u>
Pickup <u>01-JUN-20</u>	Tare Weight <u>34260</u>
Container <u>28960651</u> 30 DT	Net Weight <u>46020</u>
Unit No <u>DT 42-33</u>	
Manifest <u>001094724WAS</u>	Scale Date <u>01-JUN-20</u>
	Net Tons <u>23.01</u>



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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


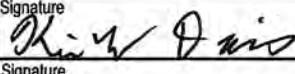
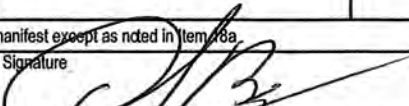
Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	20,874	H132
Totals		1	20,874	

Jeffrey A. Laborsky, President

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Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094725 WAS			
5. Generator's Name and Mailing Address ARCUNIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCUNIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325				
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL		U.S. EPA ID Number IND058484114						
7. Transporter 2 Company Name		U.S. EPA ID Number						
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704				U.S. EPA ID Number IND980503890				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	1. RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PBIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG#171	1	DT	20000	K			
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TR14003619 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE <u>6/1/20</u> A: 21781Ks (480206) BULK PCB REMEDIATION WASTE TRAILER Trailer#: <u>42-24</u> ERI: HERITAGE [13341948]								
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/Offoror's Printed/Typed Name Cover Heddler on behalf of Arcunic Lafayette, LLC				Signature 		Month 6	Day 1	Year 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name Kevin Davis				Signature 		Month 6	Day 1	Year 20
Transporter 2 Printed/Typed Name				Signature		Month	Day	Year
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)								
1.	2.	3.	4.					
	H132							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 19a.								
Printed/Typed Name DAVID BARBA				Signature 		Month 10	Day 01	Year 20

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 _____

Pickup 01-JUN-20 _____

Container 28960580 6059 DT _____

Unit No DT 42-24 _____

Manifest 001094725WAS _____

Gross Weight 82280 _____

Tare Weight 34260 _____

Net Weight 48020 _____

Scale Date 01-JUN-20 _____

Net Tons 24.01 _____



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214570

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

 Jeffrey A. Laborsky, President

TX:

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094726 WAS	
5. Generator's Name and Mailing Address ARCORIC LAFAYETTE, LLC / LINDLEY JARNETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCORIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325		
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL				U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704				U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity
				No.	Type	12. Unit Wt./Vol.
X	1. RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERGN171			1	DT	20000 23466 6-1-20
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information 1. W1 Q1474198 TH14003621 <i>Cl: 23466 (518006)</i> WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/1/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-29 ERI: HERITAGE [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 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/Offoror's Printed/Typed Name Connor Hedderick on behalf of Arcoric Lafayette, LLC				Signature <i>Connor Hedderick</i>		Month Day Year 6 1 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Jeff Aiford				Signature <i>Jeff Aiford</i>		Month Day Year 6 1 20
Transporter 2 Printed/Typed Name				Signature		Month Day Year
18. Discrepancy						
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
DISCREPANCY RESOLVED BY ROBERT PRZEBINDAWSKI <i>6-1-20</i>				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)						
1.	2.		3.		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 DAVID BARBA				Signature <i>David Barba</i>		Month Day Year 10 01 20

Scale 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 3214571

Transx 14003621

Pickup 01-JUN-20

Container 28960587 30 DT

Unit No DT 42-29

Manifest 001094726WAS

Gross Weight 82780

Tare Weight 30980

Net Weight 51800

Scale Date 01-JUN-20

Net Tons 25.9



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214571

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

Jeffrey A. Laborsky, President

TX:

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094727 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000 22217	K		
	2.			06-1-20			
	3.						
	4.						
14. Special Handling Instructions and Additional Information L. W1 Q1494188 TW14003623 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/1/20 d: 22217kg (48980lb) BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-27 ERI: HERITAGE C133419501							
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 on behalf of Arconic Lafayette, LLC Signature <i>Corner Hedderick</i> Month 6 Day 1 Year 20							
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> 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 CORY MILAN Signature <i>[Signature]</i> Month 6 Day 1 Year 2020 Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____							
18. Discrepancy 18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection DISCREPANCY RESOLVED PER ROBERT PRZEBINDOWSKI 06-1-20 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 _____							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. H132 2. _____ 3. _____ 4. _____							
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 DAVID BARBA Signature <i>[Signature]</i> Month 06 Day 01 Year 20							

Scale 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 3214572

Transx 14003623

Pickup 01-JUN-20

Container 28961074 30 DT

Unit No DT 42-27

Manifest 001094727WAS

Gross Weight 82100

Tare Weight 33120

Net Weight 48980

Scale Date 01-JUN-20

Net Tons 24.49



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214572

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

 Jeffrey A. Laborsky, President

TX:



400



Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094728 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes			
		No.	Type						
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000	K				
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TN14003625 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/1/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-28 ERI: HERITAGE [13341951]									
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 Cory Hedderick on behalf of Arconic Lafayette, LLC					Signature Cory Hedderick		Month 6	Day 1	Year 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Jerod Suttan				Signature 		Month 6	Day 1	Year 20	
Transporter 2 Printed/Typed Name				Signature		Month	Day	Year	
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)									
1. H132		2.		3.		4.			
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 DAVID BRYAN					Signature 		Month 06	Day 01	Year 20

Scale 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 3214573

Transx 14003625

Pickup 01-JUN-20

Container 28961132 30 DT

Unit No DT 42-28

Manifest 001094728WAS

Gross Weight 80220

Tare Weight 33500

Net Weight 46720

Scale Date 01-JUN-20

Net Tons 23.36



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214573

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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

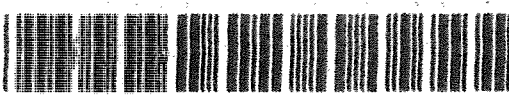
EPA ID NUMBER : IND005478094

DISPOSAL DATE : 01-JUN-20

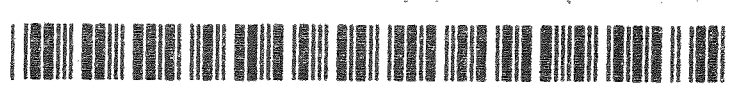
Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	21,192	H132
Totals		1	21,192	

Jeffrey A. Laborsky, President

TX:



398



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)324-1221	4. Manifest Tracking Number 001094729 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	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 WL/Vol.	13. Waste Codes	
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171			1		20000 26580	K		
	2.					06120			
	3.								
	4.								
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TH14003627 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/1/20 d: 26580kg (58600lb)									
BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-24 ERI: HERITAGE [13341952]									
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 behalf of Arconic Lafayette, LLC					Signature <i>Conner Hedderick</i>		Month 6	Day 1	Year 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Kevin Davis					Signature <i>Kevin Davis</i>		Month 6	Day 17	Year 20
Transporter 2 Printed/Typed Name					Signature		Month	Day	Year
18. Discrepancy									
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
DISCREPANCY RESOLVED PER ROBERT PRZEBINDOWSKI @ 6-1-20									
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ 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)									
1. H132		2.		3.		4.			
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 DAVID BANA					Signature <i>David Bana</i>		Month 06	Day 09	Year 20

Scale Ticket

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 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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214574

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

Jeffrey A. Laborsky, President



528



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094730 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	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 Codes	
X	1. RQ. UN3492, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171			1		DT	20000 22634	K	
	2.						261-20		
	3.								
	4.								
14. Special Handling Instructions and Additional Information I. WI 01494188 TW14003629 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/1/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 4223 ERI: HERITAGE [13341953]									
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/Offor's Printed/Typed Name Connor Hedderick on behalf of Arconic Lafayette, LLC					Signature 		Month 06	Day 1	Year 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Tim Wilson					Signature 		Month 6	Day 1	Year 20
Transporter 2 Printed/Typed Name					Signature		Month	Day	Year
18. Discrepancy									
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
DISCREPANCY RESOLVED PER ROBINIA PRZEBINDOWSKA 061-20 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)									
1. H132		2.		3.		4.			
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 DAVID BARBA					Signature 		Month 06	Day 01	Year 20

Scale Ticket

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 3214575

Transx 14003629

Pickup 01-JUN-20

Container 28961149 30 DT

Unit No DT 42-23

Manifest 001094730WAS

Gross Weight 83820

Tare Weight 33920

Net Weight 49900

Scale Date 01-JUN-20

Net Tons 24.95



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214575

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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

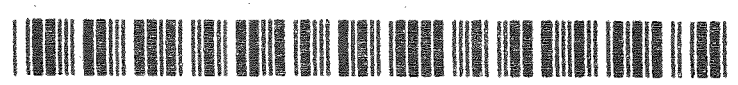
EPA ID NUMBER : IND005478094

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	

Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094731 WAS				
5. Generator's Name and Mailing Address ARCUNIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191				Generator's Site Address (if different than mailing address) ARCUNIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	X	1. RQ. UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE). (RQ = 1 LB), ERGN171		1	DT	20000 25918	K		
		2.				06-1-20			
		3.							
		4.							
14. Special Handling Instructions and Additional Information 1. WI Q1494188 TW14003632 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/1/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-29 ERI: HERITAGE C13341954J									
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 Carver Hedderick on behalf of Arcunic Lafayette, LLC					Signature <i>Carver Hedderick</i>			Month Day Year 6 1 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Jeff Aford					Signature <i>Jeff Aford</i>			Month Day Year 6 1 20	
Transporter 2 Printed/Typed Name					Signature			Month Day Year	
18. Discrepancy									
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
DISCREPANCY RESOLVED PER ROBERT PRZEBINDOWSKI					Manifest Reference Number: 06-1-20				
18b. Alternate Facility (or Generator) U.S. EPA ID Number									
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		2.		3.		4.			
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 ANN BAYGA					Signature <i>Ann Bayga</i>			Month Day Year 06 01 20	

Scale Ticket

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 3214577

Transx 14003632

Pickup 01-JUN-20

Gross Weight 87980

Tare Weight 30840

Net Weight 57140

Container 28961157 30 DT

Unit No DT 42-29

Manifest 001094731WAS

Scale Date 01-JUN-20

Net Tons 28.57



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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

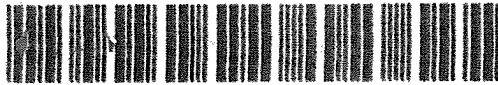
EPA ID NUMBER : IND005478094

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	

Jeffrey A. Laborsky, President

542



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094732 WAS					
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325						
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114					
7. Transporter 2 Company Name					U.S. EPA ID Number					
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171		1	DT	20000	K			
		2.								
		3.								
		4.								
14. Special Handling Instructions and Additional Information 1. W1 01494188_T#14003634 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE <u>6/1/20</u> BULK PCB REMEDIATION WASTE TRAILER Trailer#: <u>42-33</u> ERI:HERITAGE [13341955]										
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/Offoror's Printed/Typed Name <u>Conner Hedgeside on behalf of Arconic Lafayette, LLC</u>								Signature <u>Conner Hedgeside</u>		Month <u>16</u> Day <u>1</u> Year <u>20</u>
TRANSPORTER INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <u>TRAVIS L. SMITH</u> Signature _____ Month <u>6</u> Day <u>1</u> Year <u>20</u> Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____									
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. <u>H132</u>		2.		3.		4.				
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 <u>DAVID BARRA</u>								Signature <u>[Signature]</u>		Month <u>06</u> Day <u>01</u> Year <u>20</u>

Scale 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 3214578

Transx 14003634

Pickup 01-JUN-20

Container 28961207 30 DT

Unit No DT 42-33

Manifest 001094732WAS

Gross Weight 81980

Tare Weight 34120

Net Weight 47860

Scale Date 01-JUN-20

Net Tons 23.93



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214578

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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

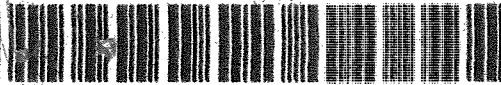
ARCONIC LAFAYETTE, LLC
 3131 MAIN ST
 LAFAYETTE, IN 47905-2272

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	

Jeffrey A. Laborsky, President



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094733 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERGN171	1	DT	20000 22516	K		
	2.			26-2-20			
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1 W1 Q1494188 IN14003637 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-24 ERI: HERITAGE [133419561]							
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 Cornel Hedderick on behalf of Arconic Lafayette, LLC					Signature <i>Cornel Hedderick</i>		Month Day Year 6 2 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Kevin Davis					Signature <i>Kevin Davis</i>		Month Day Year 6 2 20
Transporter 2 Printed/Typed Name					Signature		Month Day Year
18. Discrepancy							
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
DISCREPANCY RESOLVED PER ROBERT PRZEBINDOWSKI @ 6-2-20							
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)							
1. H132		2.		3.		4.	
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 MR W. ZARCA					Signature <i>W. Zarca</i>		Month Day Year 06 02 20

GENERATOR

INT'L TRANSPORTER

DESIGNATED FACILITY



Scale Ticket

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 3214580

Transx 14003637

Pickup 02-JUN-20

Container 28962115 30 DT

Unit No DT 42-24

Manifest 001094733WAS

Gross Weight 83680

Tare Weight 34040

Net Weight 49640

Scale Date 02-JUN-20

Net Tons 24.82



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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	

Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094734 WAS
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5. Generator's Name and Mailing Address ARCUNIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191	Generator's Site Address (if different than mailing address) ARCUNIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325
--	---

6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL	U.S. EPA ID Number IND058484114
---	---

7. Transporter 2 Company Name	U.S. EPA ID Number
-------------------------------	--------------------

8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704	U.S. EPA ID Number IND980503890
---	---

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes		
		No.	Type					
X	1. RQ, UN3492, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000	K			
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. W1 Q1494188 TW14003639
WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20
d: 217545 (4796016)
BULK PCB REMEDIATION WASTE TRAILER Trailer# 42-27 ERI: HERITAGE [13341957]

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 behalf of Arcunic Lafayette, LLC** Signature *Con Hedderick* Month **6** Day **2** Year **20**

16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name CORY MILAN	Signature <i>[Signature]</i>	Month 6	Day 2	Year 2020
Transporter 2 Printed/Typed Name	Signature	Month	Day	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'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)

1. H132	2.	3.	4.
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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 **DAVID BARRA** Signature *[Signature]* Month **06** Day **02** Year **20**

Scale Ticket

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 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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214581

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

Jeffrey A. Laborsky, President

528

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094735 WAS
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5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191	Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325
--	---

6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL	U.S. EPA ID Number IND058484114
---	---

7. Transporter 2 Company Name	U.S. EPA ID Number
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8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704	U.S. EPA ID Number IND980503890
---	---

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG#171	1	DT	20000	K			

14. Special Handling Instructions and Additional Information
1. W1 01494188 TW14003641
WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20
ds 21310 kg (46980lb)
BULK PCB REMEDIATION WASTE TRAILER Trailer#: 92-23 ERI: HERITAGE C133419581

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/Offero's Printed/Typed Name **Conner Hedderick on behalf of Arconic Lafayette, LLC** Signature *[Signature]* Month **6** Day **2** Year **20**

16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name T.M Wilson	Signature <i>[Signature]</i>	Month 6	Day 2	Year 20
Transporter 2 Printed/Typed Name	Signature	Month	Day	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'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)

1. H132	2.	3.	4.
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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 **DAVID BARBA** Signature *[Signature]* Month **10** Day **6** Year **20**

Scale Ticket

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 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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214582

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

Jeffrey A. Laborsky, President

TX:

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094736 WAS
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5. Generator's Name and Mailing Address ARCUNIL LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191	Generator's Site Address (if different than mailing address) ARCUNIL LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325
--	---

6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL	U.S. EPA ID Number IND058484114
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7. Transporter 2 Company Name	U.S. EPA ID Number
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8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704	U.S. EPA ID Number IND980503890
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9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000	K			
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. WI 01494188 TH14003643
As 2006 kg (442406)
WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20
BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-35 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 behalf of Arcunil Lafayette, LLC* Signature *Conner Hedderick* Month **6** Day **2** Year **20**

16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name <i>Michael Laws</i>	Signature <i>[Signature]</i>	Month 6	Day 2	Year 20
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

18. Discrepancy

18a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

18b. Alternate Facility (or Generator) Manifest Reference Number: _____ 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)

1. H132	2.	3.	4.
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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 *DAVID BARBA* Signature *[Signature]* Month **06** Day **02** Year **20**

Scale Ticket

Generator	<u>211325</u>	Facility	<u>9019</u>
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>3214583</u>	
Transx <u>14003643</u>	Gross Weight <u>78300</u>
Pickup <u>02-JUN-20</u>	Tare Weight <u>34060</u>
Container <u>28962121</u> <u>30 DT</u>	Net Weight <u>44240</u>
Unit No <u>DT 42-35</u>	
Manifest <u>001094736WAS</u>	Scale Date <u>02-JUN-20</u>
	Net Tons <u>22.12</u>



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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	

 Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094737 WAS
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5. Generator's Name and Mailing Address ARLONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191	Generator's Site Address (if different than mailing address) ARLONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325
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6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL	U.S. EPA ID Number IND058484114
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7. Transporter 2 Company Name	U.S. EPA ID Number
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8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704	U.S. EPA ID Number IND980503890
---	---

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes		
		No.	Type					
X	1. RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG#171	1	DT	20000 23392	K			
	2.			66-24				
	3.							
	4.							

14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TW14003645 WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE <u>6/2/20</u> BULK PCB REMEDIATION WASTE TRAILER Trailer#: <u>42-29</u> ERI: HERITAGE [13341960]	
---	--

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/Officer's Printed/Typed Name Conner Hedderick on behalf of Arlonic Lafayette, LLC	Signature 	Month 6	Day 2	Year 20
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16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.	Port of entry/exit: Date leaving U.S.:
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17. Transporter Acknowledgment of Receipt of Materials				
Transporter 1 Printed/Typed Name Jeff Alford	Signature 	Month 6	Day 2	Year 20
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

18. Discrepancy					
18a. Discrepancy Indication Space	<input checked="" type="checkbox"/> Quantity	<input type="checkbox"/> Type	<input type="checkbox"/> Residue	<input type="checkbox"/> Partial Rejection	<input type="checkbox"/> Full Rejection
DISCREPANCY RESOLVED PER ROBERT PRZEBINDOWSKI e6-2-20					

18b. Alternate Facility (or Generator) Facility's Phone:	U.S. EPA ID Number
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18c. Signature of Alternate Facility (or Generator)	Month Day Year
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19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)			
1. H132	2.	3.	4.

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 Dan D. Bamba	Signature 	Month 06	Day 02	Year 20

Scale Ticket

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>3214584</u>	
Transx <u>14003645</u>	Gross Weight <u>82580</u>
Pickup <u>02-JUN-20</u>	Tare Weight <u>31120</u>
Container <u>28962130</u> 30 DT	Net Weight <u>51460</u>
Unit No <u>DT 42-29</u>	
Manifest <u>001094737WAS</u>	Scale Date <u>02-JUN-20</u>
	Net Tons <u>25.73</u>



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214584

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

Jeffrey A. Laborsky, President

T X:

400

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094738 WAS
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5. Generator's Name and Mailing Address ARLONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191	Generator's Site Address (if different than mailing address) ARLONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325
--	---

6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL	U.S. EPA ID Number IND058484114
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7. Transporter 2 Company Name	U.S. EPA ID Number
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8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704	U.S. EPA ID Number IND980503890
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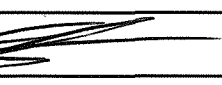
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000	K			
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TW14003647 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-28 ERI: HERITAGE [13341961]	W: 21636 kg (47700 lb)
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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 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 Haddrick on behalf of Arlonic Lafayette, LLC	Signature 	Month 6	Day 2	Year 20
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16. International Shipments	<input type="checkbox"/> Import to U.S.	<input type="checkbox"/> Export from U.S.	Port of entry/exit: Date leaving U.S.:
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17. Transporter Acknowledgment of Receipt of Materials				
Transporter 1 Printed/Typed Name Jerod Sutton	Signature 	Month 6	Day 2	Year 2020
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

18. Discrepancy				
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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
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19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)			
1. H132	2.	3.	4.

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 DAVID BARBA	Signature 	Month 06	Day 02	Year 20

Scale Ticket

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 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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214585

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	

Jeffrey A. Laborsky, President

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094739 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	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 WL/Vol.	13. Waste Codes	
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171			1		DT	20000	K	
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 T#14003649 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-24 ERI: HERITAGE C13341962J									
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/Offoror's Printed/Typed Name Conner Hedderick on behalf of Arconic Lafayette, LLC					Signature <i>Con Hedderick</i>			Month Day Year 6 2 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Kevin Davis					Signature <i>Kevin Davis</i>			Month Day Year 6 2 20	
Transporter 2 Printed/Typed Name					Signature			Month Day Year	
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)									
1. H132		2.		3.		4.			
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 <i>Diana</i>					Signature <i>[Signature]</i>			Month Day Year 06 02 20	

Scale 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 3214586

Transx 14003649

Pickup 02-JUN-20

Container 28962762 30 DT

Unit No DT 42-24

Manifest 001094739WAS

Gross Weight 75340

Tare Weight 33840

Net Weight 41500

Scale Date 02-JUN-20

Net Tons 20.75



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214586

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

Jeffrey A. Laborsky, President

T.X:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094740 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N RDACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000	K		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TH14003651 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-27 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/Officer's Printed/Typed Name Cover Hedderick on behalf of Arconic Lafayette, LLC					Signature 		Month Day Year 6 2 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name CORY MILAN					Signature 		Month Day Year 6 2 20
Transporter 2 Printed/Typed Name					Signature		Month Day Year
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)							
1. H132		2.		3.		4.	
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 DAVID BANGA					Signature 		Month Day Year 06 02 20

Scale Ticket

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 3214587

Transx 14003651

Pickup 02-JUN-20

Container 28962777 30 DT

Unit No DT 42-27

Manifest 001094740WAS

Gross Weight 75840

Tare Weight 33280

Net Weight 42560

Scale Date 02-JUN-20

Net Tons 21.28



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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	

Jeffrey A. Laborsky, President

TX:

528

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094741 WAS
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5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191	Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325
--	---

6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL	U.S. EPA ID Number IND058484114
---	---

7. Transporter 2 Company Name	U.S. EPA ID Number
-------------------------------	--------------------

8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704	U.S. EPA ID Number IND980503890
---	---

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000 17128	K			
	2.			06220				
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. W1 Q1494188 TW14003653 UGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20
BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-23 ERI: HERITAGE C13341964J

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 behalf of Arconic Lafayette, LLC** Signature *Con Hedderick* Month **6** Day **2** Year **20**

16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name <i>Tim Wilson</i>	Signature <i>Tim Wilson</i>	Month 6	Day 2	Year 20
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

18. Discrepancy

18a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

18b. Alternate Facility (or Generator) **DISCREPANCY RESOLVED PER ROBERT PRZEBINDOWSKI @ 6.2.20** Manifest Reference Number: _____ 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)

1. H132	2.	3.	4.
----------------	----	----	----

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 **DAVID BARBA** Signature *David Barba* Month **06** Day **02** Year **20**

Scale 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 3214588

Transx 14003653

Pickup 02-JUN-20

Container 28962778 30 DT

Unit No DT 42-23

Manifest 001094741WAS

Gross Weight 71840

Tare Weight 34080

Net Weight 37760

Scale Date 02-JUN-20

Net Tons 18.88



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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	

Jeffrey A. Laborsky, President

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800) 326-1221	4. Manifest Tracking Number 001094742 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ. UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000	K		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 IN14003655 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20 d. 19686 kg (43400lb) BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-35 ERI: HERITAGE [13341965]							
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/Offor's Printed/Typed Name Conner Hedderick on behalf of Arconic Lafayette, LLC					Signature <i>Conner Hedderick</i>		Month Day Year 6 2 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> 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 Michael Laws Signature <i>Michael Laws</i> Month Day Year 6 2 20 Transporter 2 Printed/Typed Name Signature Month Day Year							
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____							
18b. Alternate Facility (or Generator) Facility's Phone: _____					U.S. EPA ID Number		
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 2. 3. 4.							
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 DAVID BARBA Signature <i>David Barba</i> Month Day Year 06 02 20							

Scale Ticket

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 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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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



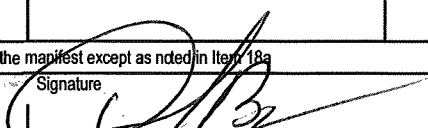
Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	19,686	H132
Totals		1	19,686	

 Jeffrey A. Laborsky, President

TX:

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094743 WAS		
5. Generator's Name and Mailing Address ARCUNIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCUNIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG171	1	DT	20000	K		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TW14003657 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE <u>6/2/20</u> BULK PCB REMEDIATION WASTE TRAILER Trailer#: <u>42-29</u> ERI:HERITAGE [13341966]							
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/Offoror's Printed/Typed Name Conner Hedderick on behalf of Arcunic Lafayette, LLC					Signature 		Month Day Year 6 2 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Jeff Aisoxd				Signature 		Month Day Year 6 2 20	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)							
1. H132	2.	3.	4.				
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 DAVID BARZA				Signature 		Month Day Year 06 02 20	

Scale 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 3214590

Transx 14003657

Pickup 02-JUN-20

Container 28962844 30 DT

Unit No DT 42-29

Manifest 001094743WAS

Gross Weight 79180

Tare Weight 30960

Net Weight 48220

Scale Date 02-JUN-20

Net Tons 24.11



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214590

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

 Jeffrey A. Laborsky, President



400



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800) 326-1221	4. Manifest Tracking Number 001094744 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765) 771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765) 435-2704					U.S. EPA ID Number IND980503890				
9a. HM	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 Codes	
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERGH171			1		DT	20000	K	
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information L. U1 Q1494188 T014003659 WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE <u>6/2/20</u> BULK PCB REMEDIATION WASTE TRAILER Trailer#: <u>42-28</u> ERI: HERITAGE [133419673]									
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 on behalf of Arconic Lafayette, LLC					Signature <i>Cor Hedderick</i>			Month Day Year 6 2 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Jesus Sutton					Signature <i>Jesus Sutton</i>			Month Day Year 6 2 2020	
Transporter 2 Printed/Typed Name					Signature			Month Day Year	
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____									
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		2.		3.		4.			
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 DAVID BARCA					Signature <i>David Barca</i>			Month Day Year 06 02 20	

Scale Ticket

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 3214591	
Transx 14003659	Gross Weight 81520
Pickup 02-JUN-20	Tare Weight 33560
Container 28963080 30 DT	Net Weight 47960
Unit No DT 42-28	
Manifest 001094744WAS	Scale Date 02-JUN-20
	Net Tons 23.98



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214591

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

 Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094745 WAS			
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325				
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114			
7. Transporter 2 Company Name					U.S. EPA ID Number			
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890			
9a. HM	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 WL/Vol.	13. Waste Codes
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171			1		DT	20000	K
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 T#14003661 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20 d. 20393 kg (44906) BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-23 ERI:HERITAGE [13341968]								
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 behalf of Arconic Lafayette, LLC					Signature <i>Conner Hedderick</i>		Month Day Year 6 2 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name TIM S. WILSON					Signature <i>Tim Wilson</i>		Month Day Year 6 2 20	
Transporter 2 Printed/Typed Name					Signature		Month Day Year	
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)								
1. H132		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 16a								
Printed/Typed Name DAVID BARRA					Signature <i>David Barra</i>		Month Day Year 06 02 20	

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

Scale Ticket

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 3214592

Transx 14003661

Pickup 02-JUN-20

Gross Weight 78880

Tare Weight 33920

Container 28963421 30 DT

Net Weight 44960

Unit No DT 42-23

Manifest 001094745WAS

Scale Date 02-JUN-20

Net Tons 22.48



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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	

 Jeffrey A. Laborsky, President

TX:

398

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094746 WAS
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5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191	Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325
--	---

6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL	U.S. EPA ID Number IND058484114
---	---

7. Transporter 2 Company Name	U.S. EPA ID Number
-------------------------------	--------------------

8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704	U.S. EPA ID Number IND980503890
---	---

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	1. RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG#171	1	DT	20000 22144	K			
	2.			26-210				
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. W1 01494188 T#14003663
WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20
dis 22144 (4882016)
BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-24 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/Offor's Printed/Typed Name **Cover Hedderick on behalf of Arconic Lafayette, LLC** Signature *Cover Hedderick* Month **6** Day **2** Year **20**

16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name Kevin Davis	Signature <i>Kevin Davis</i>	Month 6	Day 2	Year 20
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

18. Discrepancy

18a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

DISCREPANCY RESOLVED PER ROBERT PLEBANDOWSKI Manifest Reference Number: **26-220**

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)

1. H132	2.	3.	4.
----------------	----	----	----

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 19a

Printed/Typed Name **DAVID BARBA** Signature *David Barba* Month **6** Day **10** Year **20**

Scale Ticket

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 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 24.41



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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	

Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094747 WAS	
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191			Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL			U.S. EPA ID Number IND058484114			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704			U.S. EPA ID Number IND980503890			
9a. HM	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 WL/Vol.	13. Waste Codes
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000	K	
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 T#14003665 WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20 BULK PCB REMEDIATION WASTE TRAILER Trailer# 42-2 ERI:HERITAGE [13341970]						
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/Officer's Printed/Typed Name Connor Hedderick on behalf of Arconic Lafayette, LLC			Signature 		Month	Day Year
					6	2 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name CORY MIKAN			Signature 		Month	Day Year
					6	2 20
Transporter 2 Printed/Typed Name			Signature		Month	Day Year
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)						
1.	2.	3.	4.			
	H132					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 16a						
Printed/Typed Name DAVID BAMA			Signature 		Month	Day Year
					6	2 20

Scale Ticket

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 3214594

Transx 14003665

Pickup 02-JUN-20

Gross Weight 80000

Tare Weight 33140

Container 28963424 30 DT

Net Weight 46860

Unit No DT 42-27

Manifest 001094747WAS

Scale Date 02-JUN-20

Net Tons 23.43



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214594

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

 Jeffrey A. Laborsky, President

TX:

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094748 WAS	
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191			Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114	
7. Transporter 2 Company Name					U.S. EPA ID Number	
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890	
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity
				No.	Type	12. Unit WL/Vol.
X	1. RG, UN3432, POLYCHLORINATED DIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERGN171			1	DT	20000 23578 06-2-20
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information 1. U1 01494188 TN14003667 d: 23578kg (51980lb) WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-29 ERI: HERITAGE [133419713						
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 behalf of Arconic Lafayette, LLC					Signature <i>Con Hedderick</i>	
					Month	Day
					6	2
					Year	20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Jeff Alford					Signature <i>Jeff Alford</i>	
Transporter 2 Printed/Typed Name					Month	Day
					6	2
					Year	20
18. Discrepancy						
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Discrepancy resolved per Robert Prezbindowski 06-2-20						
18b. Alternate Facility (or Generator)					U.S. EPA ID Number	
Facility's Phone:						
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.	2.	3.	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 DAVID BARBA					Signature <i>David Barba</i>	
					Month	Day
					06	02
					Year	20

Scale Ticket

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 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 25.99



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214595

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

 Jeffrey A. Laborsky, President

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (900)326-1221	4. Manifest Tracking Number 001094749 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	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 Codes	
X	1. RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG#171			1		DT	20000	K	
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information 1. U1 Q1494188 TN14003669 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-35 ERI:HERITAGE [133419723]									
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/Offoror's Printed/Typed Name Conner Hedderick on behalf of Arconic Lafayette, LLC					Signature <i>Con Hedderick</i>			Month Day Year 6 2 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Michael Laws					Signature <i>Michael Laws</i>			Month Day Year 6 2 20	
Transporter 2 Printed/Typed Name					Signature			Month Day Year	
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)									
1. H132		2.		3.		4.			
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 David Banya					Signature <i>David Banya</i>			Month Day Year 06 02 20	

Scale Ticket

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>3214596</u>	
Transx <u>14003669</u>	Gross Weight <u>79120</u>
Pickup <u>02-JUN-20</u>	Tare Weight <u>33740</u>
Container <u>28963556</u> 30 DT	Net Weight <u>45380</u>
Unit No <u>DT 42-35</u>	
Manifest <u>001094749WAS</u>	Scale Date <u>02-JUN-20</u>
	Net Tons <u>22.69</u>



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214596

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094750 WAS					
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325						
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114					
7. Transporter 2 Company Name					U.S. EPA ID Number					
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N KNOXDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890					
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
				No.	Type					
X	1. RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ER6W171			1	DT	20000	K			
	2.									
	3.									
	4.									
14. Special Handling Instructions and Additional Information 1. U1 01494185 T#14003671 WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-28 ERI: HERITAGE [13341973]										
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 Hedderrick on behalf of Arconic Lafayette, LLC					Signature <i>Con Hedderrick</i>			Month 6	Day 2	Year 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
17. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name Jerod Seltzer					Signature <i>Jerod Seltzer</i>			Month 6	Day 2	Year 2020
Transporter 2 Printed/Typed Name					Signature			Month	Day	Year
18. Discrepancy										
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)										
1.	2.			3.		4.				
	H132									
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 19a										
Printed/Typed Name DAVID BANGS					Signature <i>David Bangs</i>			Month 06	Day 02	Year 20

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

Scale Ticket

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 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 22.97



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214597

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	

Jeffrey A. Laborsky, President

TX:

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094751 WAS	
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191			Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL		U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704			U.S. EPA ID Number IND980503890			
9a. HM	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 Codes
X	1. RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG#171	1	DT	20000 17899	K	
	2.			06-2-20		
	3.					
	4.					
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TW14003673 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/2/20 d. 17899kg (39401lb) BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-30 ERI:HERITAGE E133419743						
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 behalf of Arconic Lafayette, LLC		Signature <i>Conner Hedderick</i>		Month	Day	Year
				6	2	20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name CLIFFORD ROBINSON		Signature <i>Clifford Robinson</i>		Month	Day	Year
				6	2	20
Transporter 2 Printed/Typed Name		Signature		Month	Day	Year
18. Discrepancy						
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
DISCREPANCY RESOLVED PER ROBERT PREZBINDOWSKI Manifest Reference Number: 06-2-20						
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)						
1.	2.	3.	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 DAVID BAMA		Signature <i>David Bama</i>		Month	Day	Year
				06	02	20

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 _____

Pickup 02-JUN-20 _____

Container 28963679 6059 DT _____

Unit No DT 42-30 _____

Manifest 001094751WAS _____

Gross Weight 73120 _____

Tare Weight 33660 _____

Net Weight 39460 _____

Scale Date 02-JUN-20 _____

Net Tons 19.73 _____



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214598

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

Jeffrey A. Laborsky, President

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094752 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	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 Codes	
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171			1		20000 22235	K		
	2.					063-20			
	3.								
	4.								
14. Special Handling Instructions and Additional Information 1. U1 01494188 T#14003675 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE <u>6/3/20</u> BULK PCB REMEDIATION WASTE TRAILER Trailer# <u>42-27</u> ERI: HERITAGE [133419753]									
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 on behalf of Arconic Lafayette, LLC					Signature <i>Corner Hedderick</i>		Month Day Year 6 3 20		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S. _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name CORY MILAN					Signature <i>[Signature]</i>		Month Day Year 6 3 20		
Transporter 2 Printed/Typed Name					Signature		Month Day Year		
18. Discrepancy									
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
Discrepancy resolved per Robert Paez-Bindowski @6-3-20									
18b. Alternate Facility (or Generator)					Manifest Reference Number: _____ 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)									
1. H132		2.		3.		4.			
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]					Signature <i>[Signature]</i>		Month Day Year 06 03 20		

Scale 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 3214599

Transx 14003675

Pickup 03-JUN-20

Container 28964937 30 DT

Unit No DT 42-27

Manifest 001094752WAS

Gross Weight 82440

Tare Weight 33420

Net Weight 49020

Scale Date 03-JUN-20

Net Tons 24.51



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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	

Jeffrey A. Laborsky, President

TX:



398



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094753 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	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 Codes	
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERGN171			1		DT	20000	K	
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information 1. WI 01494188 TN14003677 WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/3/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-24 ERI: HERITAGE [133419763]									
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/Offor's Printed/Typed Name Conner Hedderick on behalf of Arconic Lafayette, LLC					Signature <i>Conner Hedderick</i>			Month Day Year 6 3 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Kevin Davis					Signature <i>Kevin Davis</i>			Month Day Year 6 3 20	
Transporter 2 Printed/Typed Name					Signature			Month Day Year	
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ 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)									
1. H132		2.		3.		4.			
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 DAVID BARBA					Signature <i>David Barba</i>			Month Day Year 06 03 20	

GENERATOR

INTL

TRANSPORTER

DESIGNATED FACILITY

Scale Ticket

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 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 23.8



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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

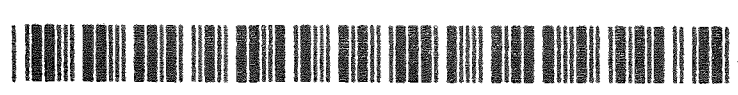
EPA ID NUMBER : IND005478094

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	

Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094754 WAS					
5. Generator's Name and Mailing Address ARCUNIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCUNIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325						
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114					
7. Transporter 2 Company Name					U.S. EPA ID Number					
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890					
9a. HM	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 Codes		
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171			1		DT	20000 22435	K		
	2.						06-320			
	3.									
	4.									
14. Special Handling Instructions and Additional Information 1. W1 01494188 T#14003679 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/3/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-35 ERI:HERITAGE [133419773]										
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/Officer's Printed/Typed Name Connor Hedderick on behalf of Arcunic Lafayette, LLC					Signature 			Month 6	Day 3	Year 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
17. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name Michael Laws					Signature 			Month 6	Day 3	Year 20
Transporter 2 Printed/Typed Name					Signature			Month	Day	Year
18. Discrepancy										
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
DISCREPANCY RESOLVED PER ROBERT PRZEBINDOWSKI 06-3-20										
18b. Alternate Facility (or Generator)					Manifest Reference Number: _____ 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)										
1. H132		2.		3.		4.				
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 Dr. W. Bamba					Signature 			Month 06	Day 03	Year 20

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

Scale Ticket

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 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 24.73



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214601

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

Jeffrey A. Laborsky, President



400



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094755 WAS				
5. Generator's Name and Mailing Address ARCUNIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCUNIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	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 Codes	
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ER6W171			1		20000	K		
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information 1. U1 01494188 TN14003681 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/3/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-28 ERI: HERITAGE [133419783]									
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 Hedderson on behalf of Arcunic Lafayette, LLC					Signature 		Month 6	Day 3	Year 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Jerod Sutton					Signature 		Month 6	Day 3	Year 2020
Transporter 2 Printed/Typed Name					Signature		Month	Day	Year
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____									
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		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 19a									
Printed/Typed Name DAVID BARBA					Signature 		Month 06	Day 03	Year 20

Scale Ticket

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 3214602	
Transx 14003681	Gross Weight 81020
Pickup 03-JUN-20	Tare Weight 33800
Container 28964954 30 DT	Net Weight 47220
Unit No DT 42-28	
Manifest 001094755WAS	Scale Date 03-JUN-20
	Net Tons 23.61



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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	

Jeffrey A. Laborsky, President



Please print or type.

Form Approved, OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094756 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 N COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890				
Facility's Phone:									
9a. HM	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 Codes	
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171			1		DT	20000	K	
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 T#14003683 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/3/20 BULK PCB REMEDIATION WASTE TRAILER Trailer# 42-27 ERI: HERITAGE [133419793]									
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/Offor's Printed/Typed Name Connor Hedderick on behalf of Arconic Lafayette, LLC					Signature <i>Connor Hedderick</i>			Month Day Year 6 3 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name CORY MILAN					Signature <i>Cory Milan</i>			Month Day Year 6 3 2020	
Transporter 2 Printed/Typed Name					Signature			Month Day Year	
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ 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)									
1. H132		2.		3.		4.			
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 DAVID BANBA					Signature <i>David Banba</i>			Month Day Year 06 03 20	

Scale Ticket

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 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	Scale Date 03-JUN-20
	Net Tons 23.3



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214603

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

 Jeffrey A. Laborsky, President

TX:



398



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094757 WAS
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5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191	Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325
---	---

6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL	U.S. EPA ID Number IND058484114
---	---

7. Transporter 2 Company Name	U.S. EPA ID Number
-------------------------------	--------------------

8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704	U.S. EPA ID Number IND980503890
---	---

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000 22063	K			
	2.			06320				
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. W1 01494188 TN14003685 d: 22063kg (48640lb)
WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/3/20
BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-24 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/Offero's Printed/Typed Name **Conner Haddorck on behalf of Arconic Lafayette, LLC** Signature **Conner Haddorck** Month **6** Day **3** Year **20**

16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name Kevin Davis	Signature Kevin Davis	Month 6	Day 3	Year 20
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

18. Discrepancy

18a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

DISCREPANCY RESOLVED PER ROBERT PRZEBINDOWSKI 06-3-20

18b. Alternate Facility (or Generator) _____ Manifest Reference Number: _____ 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)

1. H132	2.	3.	4.
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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 **David Barba** Signature **David Barba** Month **06** Day **03** Year **20**

Scale Ticket

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 3214604	
Transx 14003685	Gross Weight 82780
Pickup 03-JUN-20	Tare Weight 34140
Container 28966151 30 DT	Net Weight 48640
Unit No DT 42-24	
Manifest 001094757WAS	Scale Date 03-JUN-20
	Net Tons 24.32



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214604

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094758 WAS			
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191			Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL		U.S. EPA ID Number IND058484114		7. Transporter 2 Company Name U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704		U.S. EPA ID Number IND980503890		Facility's Phone:				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	1. RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGI, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG171	1	DT	20000	K			
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information 1. WI Q1494188 T#14003687 WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/3/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: <u>12-35</u> ERI: HERITAGE [13341981]								
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 Comer Hedderick on behalf of Arconic Lafayette, LLC				Signature 	Month 6	Day 3	Year 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name Michael Laws				Signature 	Month 6	Day 3	Year 20	
Transporter 2 Printed/Typed Name				Signature	Month	Day	Year	
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)								
1.	2.	3.	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 DAVID BARBA				Signature 	Month 10	Day 03	Year 20	

Scale Ticket

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 3214605

Transx 14003687

Pickup 03-JUN-20

Gross Weight 77080

Tare Weight 33860

Container 28966152 30 DT

Net Weight 43220

Unit No DT 42-35

Manifest 001094758WAS

Scale Date 03-JUN-20

Net Tons 21.61



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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	

Jeffrey A. Laborsky, President

400

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094759 WAS
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5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191	Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325
--	---

6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL	U.S. EPA ID Number IND058484114
---	---

7. Transporter 2 Company Name	U.S. EPA ID Number
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8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704	U.S. EPA ID Number IND980503890
---	---

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	OT	20000	K			
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information 1. U1 91494188 T#14003689 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/3/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-28 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 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/Officer's Printed/Typed Name Comer Hedderick on behalf of Arconic Lafayette, LLC	Signature 	Month 6	Day 3	Year 20

16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Materials				
Transporter 1 Printed/Typed Name Jerod Sutton	Signature 	Month 6	Day 3	Year 2020
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

18. Discrepancy
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)			
1. H132	2.	3.	4.

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 David Barnes	Signature 	Month 06	Day 03	Year 20

Scale 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 3214606

Transx 14003689

Pickup 03-JUN-20

Container 28966343 30 DT

Unit No DT 42-28

Manifest 001094759WAS

Gross Weight 81760

Tare Weight 33640

Net Weight 48120

Scale Date 03-JUN-20

Net Tons 24.06



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214606

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

 Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094760 WAS	
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191			Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114	
7. Transporter 2 Company Name					U.S. EPA ID Number	
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890	
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity
				No.	Type	12. Unit Wt./Vol.
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171			1	DT	20000 22344
	2.					26320
	3.					
	4.					
13. Waste Codes						
14. Special Handling Instructions and Additional Information 1. UN 31494198 TN14003691 WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/3/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-27 ERI: HERITAGE [13341983]						
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 behalf of Arconic Lafayette, LLC					Signature <i>Conner Hedderick</i>	
					Month Day Year 6 3 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name CORY MEAN					Signature <i>Cory Mean</i>	
					Month Day Year 6 3 20	
Transporter 2 Printed/Typed Name					Signature	
					Month Day Year	
18. Discrepancy						
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
DISCREPANCY RESOLVED PER ROBERT PRZEBIUDOWSKI @ 6-3-20						
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)						
1. H132		2.		3.		4.
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 DAVID BARBA					Signature <i>David Barba</i>	
					Month Day Year 10 03 20	

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

Scale Ticket

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 3214607

Transx 14003691

Pickup 03-JUN-20

Gross Weight 82400

Tare Weight 33140

Container 28966753 30 DT

Net Weight 49260

Unit No DT 42-27

Manifest 001094760WAS

Scale Date 03-JUN-20

Net Tons 24.63



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214607

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

Jeffrey A. Laborsky, President

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094761 WAS			
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191		Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL		U.S. EPA ID Number IND058484114					
7. Transporter 2 Company Name		U.S. EPA ID Number					
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704		U.S. EPA ID Number IND980503890					
9a. HM	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 Codes	
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	OT	20000 23042	K		
	2.			6.3-20			
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. W1 01494188 T#14003693 <i>d: 23042 kg (50800lb)</i> WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/3/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-35 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/Officer's Printed/Typed Name Conner Helderick on behalf of Arconic Lafayette, LLC					Signature <i>Conner Helderick</i>		
					Month	Day	Year
					6	3	20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Michael Law					Signature <i>Michael Law</i>		
					Month	Day	Year
					6	3	20
Transporter 2 Printed/Typed Name					Signature		
					Month	Day	Year
18. Discrepancy							
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
DISCREPANCY RESOLVED PER ROBERT PRZEBINDOWSKI <i>@ 6-3-20</i>							
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ 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)							
1.	2.	3.	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 DANIEL BARGA					Signature <i>Daniel Barga</i>		
					Month	Day	Year
					06	03	20

Scale Ticket

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 3214608

Transx 14003693

Pickup 03-JUN-20

Gross Weight 84520

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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214608

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

 Jeffrey A. Laborsky, President

T.X:



400



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094762 WAS					
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325						
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114					
7. Transporter 2 Company Name					U.S. EPA ID Number					
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890					
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type							
X	1. RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG#171			1	DT	20000	K			
	2.									
	3.									
	4.									
14. Special Handling Instructions and Additional Information 1. WI 01494188 T#14003695 WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE <u>6/3/20</u> BULK PCB REMEDIATION WASTE TRAILER Trailer#: <u>112-28</u> 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 Hedderick on behalf of Arconic Lafayette, LLC					Signature			Month 6	Day 3	Year 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
17. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name Terod Sutter					Signature			Month 6	Day 3	Year 2020
Transporter 2 Printed/Typed Name					Signature			Month	Day	Year
18. Discrepancy										
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)										
1.	H132			2.				3.		
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 David Banga					Signature			Month 10	Day 03	Year 20

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

Scale Ticket

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 3214609

Transx 14003695

Pickup 03-JUN-20

Container 28967016 30 DT

Unit No DT 42-28

Manifest 001094762WAS

Gross Weight 81880

Tare Weight 33500

Net Weight 48380

Scale Date 03-JUN-20

Net Tons 24.19



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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	

 Jeffrey A. Laborsky, President

TX:

438

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094763 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RO, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERGN171	1	DT	20000 3(39)	K		
	2.			0642			
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. W1 01494188 T#14003697 WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE <u>6/3/20</u> d/s 3135745 (6922016) BULK PCB REMEDIATION WASTE TRAILER Trailer#: <u>42-15</u> ERI: HERITAGE [13341986]							
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 Hadden on behalf of Arconic Lafayette, LLC				Signature C. Hadden		Month Day Year 6 3 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name FRANK A Fink				Signature [Signature]		Month Day Year 6 3 20	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
DISCREPANCY REVIEWED PER ROBERT PRZEBINDOWSKI 067-20 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)							
1. H132		2.		3.		4.	
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]				Signature [Signature]		Month Day Year 06 04 20	

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 3214610 _____

Transx 14003697 _____

Pickup 03-JUN-20 _____

Container 28968674 10098 DT _____

Unit No DT 42-15 _____

Manifest 001094763WAS _____

Gross Weight 99960 _____

Tare Weight 30740 _____

Net Weight 69220 _____

Scale Date 04-JUN-20 _____

Net Tons 34.61 _____



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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	

Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094764 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
				No.	Type				
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PBIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171			1	DT	20000	K		
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information ds 2015765 (4444016) 1. M1 Q1494188 TN14003699 WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-27 ERI: HERITAGE [13341987]									
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/Offoror's Printed/Typed Name Conner Hedderson on behalf of Arconic Lafayette, LLC					Signature <i>Conner Hedderson</i>		Month 6	Day 5	Year 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name CORY ADAM					Signature <i>[Signature]</i>		Month 6	Day 5	Year 2020
Transporter 2 Printed/Typed Name					Signature		Month	Day	Year
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)									
1.	2.			3.	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 DAVID B...					Signature <i>[Signature]</i>		Month 06	Day 05	Year 20

Scale Ticket

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 3214611	
Transx 14003699	Gross Weight 77860
Pickup 05-JUN-20	Tare Weight 33420
Container 28972325 30 DT	Net Weight 44440
Unit No DT 42-27	
Manifest 001094764WAS	Scale Date 05-JUN-20
	Net Tons 22.22



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214611

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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

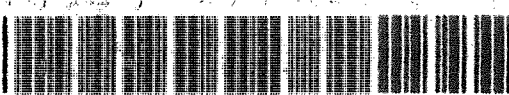
EPA ID NUMBER : IND005478094

DISPOSAL DATE : 05-JUN-20

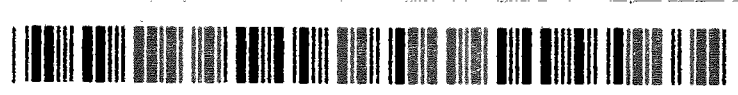
Disposal Process	Wastestream	# Containers	Total Kilograms	H Code
LANDFILLED	1 PCB REMEDIATION WASTE SOIL FROM THE ELLIOTT	1	20,157	H132
Totals		1	20,157	

 Jeffrey A. Laborsky, President

TX:



528



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094765 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGI, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000	K		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 T#14003701 WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-23 ERI:HERITAGE [13341988]							
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 Connor Hedderick on behalf of Arconic Lafayette, LLC					Signature 		Month Day Year 6 5 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Tim Wilson					Signature 		Month Day Year 6 5 20
Transporter 2 Printed/Typed Name					Signature		Month Day Year
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)							
1. H132		2.		3.		4.	
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 DAVID BARBA					Signature 		Month Day Year 06 05 20

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

Scale Ticket

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 3214612

Transx 14003701

Pickup 05-JUN-20

Gross Weight 80180

Tare Weight 34080

Container 28972358 30 DT

Net Weight 46100

Unit No DT 42-23

Manifest 001094765WAS

Scale Date 05-JUN-20

Net Tons 23.05



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214612

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 : 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	

Jeffrey A. Laborsky, President

TX:



398



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094766 WAS	
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191			Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL			U.S. EPA ID Number IND058484114			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704			U.S. EPA ID Number IND980503890			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
X	1. RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG#171	1	OT	20000	K	
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information 1. UN 31494188 TN14003703 <i>ds (9922 kg (48920 lb))</i> WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-24 ERI: HERITAGE [13341989]						
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 Hedgesick on behalf of Arconic Lafayette, LLC				Signature <i>Conner Hedgesick</i>	Month 6	Day 5
					Year 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Kevin Davis			Signature <i>Kevin Davis</i>	Month 6	Day 5	Year 20
Transporter 2 Printed/Typed Name			Signature	Month	Day	Year
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)						
1.	2.	3.	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 DAN BIRBA				Signature <i>Dan Birba</i>	Month 06	Day 05
					Year 20	

Scale Ticket

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 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-JUN-20
	Net Tons 21.96



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214613

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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

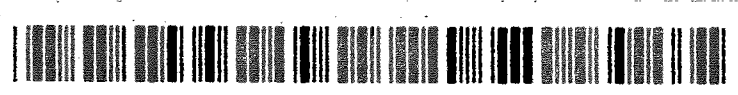
EPA ID NUMBER : IND005478094

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	

 Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094767 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes			
		No.	Type						
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGI, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG171	1	DT	20000	K				
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TH14003705 <i>ds 185431cs (4088016)</i> WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20 KULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-29 ERI:HERITAGE [13341990]									
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 behalf of Arconic Lafayette, LLC					Signature <i>Con Hedderick</i>		Month 6	Day 5	Year 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Jeff Aiford					Signature <i>Jeff Aiford</i>		Month 6	Day 5	Year 20
Transporter 2 Printed/Typed Name					Signature		Month	Day	Year
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____									
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		2.		3.		4.			
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 DAVID BANGA					Signature <i>David Banga</i>		Month 06	Day 05	Year 20

Scale Ticket

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 3214614

Transx 14003705

Pickup 05-JUN-20

Gross Weight 74900

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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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	

Jeffrey A. Laborsky, President

1X:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094768 WAS					
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325						
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114					
7. Transporter 2 Company Name					U.S. EPA ID Number					
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890					
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
				No.	Type					
X	1. RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG#171			1	DT	20000	K			
	2.									
	3.									
	4.									
14. Special Handling Instructions and Additional Information 1. U1 01494186 TN14003707 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-33 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/Offoror's Printed/Typed Name Conner Hedderick on behalf of Arconic Lafayette, LLC					Signature <i>Conner Hedderick</i>			Month 6	Day 5	Year 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
17. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name DAVE BIRKIA					Signature <i>De Birkh</i>			Month 6	Day 5	Year 20
Transporter 2 Printed/Typed Name					Signature			Month	Day	Year
18. Discrepancy										
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)										
1.	2.			3.		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 DAVID BANBA					Signature <i>David Banba</i>			Month 06	Day 05	Year 20

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

Scale Ticket

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 3214615	
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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214615

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

Jeffrey A. Laborsky, President

TX:



399



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094769 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	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 Codes	
X	1. RG, UN3492, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERGW171			1		DT	20000	K	
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information 1. U1 Q1494189 TH14003709 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-28 ERI:HERITAGE [133419923]									
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 behalf of Arconic Lafayette, LLC					Signature <i>Conner Hedderick</i>		Month 6	Day 5	Year 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Jerod Sutton					Signature <i>Jerod Sutton</i>		Month 6	Day 5	Year 2020
Transporter 2 Printed/Typed Name					Signature		Month	Day	Year
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)									
1. H132		2.		3.		4.			
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 David Bamba					Signature <i>David Bamba</i>		Month 06	Day 05	Year 20

GENERATOR

TRANSPORTER INTL

DESIGNATED FACILITY

Scale Ticket

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 3214616

Transx 14003709

Pickup 05-JUN-20

Container 28972372 30 DT

Unit No DT 42-28

Manifest 001094769WAS

Gross Weight 80880

Tare Weight 33720

Net Weight 47160

Scale Date 05-JUN-20

Net Tons 23.58



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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	

Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094770 WAS					
5. Generator's Name and Mailing Address ARCENIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCENIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325						
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114					
7. Transporter 2 Company Name					U.S. EPA ID Number					
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890					
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type							
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171			1	OT	20000	K			
	2.									
	3.									
	4.									
14. Special Handling Instructions and Additional Information 1. U1 01494188 T#14003711 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-27 ERI: HERITAGE [13341993]										
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 behalf of Arcenic Lafayette, LLC								Month	Day	Year
Signature <i>Con Hedderick</i>								6	5	20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
17. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name CORY MILAN					Signature <i>[Signature]</i>			Month	Day	Year
Transporter 2 Printed/Typed Name					Signature					
18. Discrepancy										
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)										
1.	2.			3.	4.					
	H132									
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 19a										
Printed/Typed Name DAVID BANA					Signature <i>[Signature]</i>			Month	Day	Year
								06	05	20

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

Scale Ticket

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 3214617	
Transx 14003711	Gross Weight 80920
Pickup 05-JUN-20	Tare Weight 33260
Container 28972855 30 DT	Net Weight 47660
Unit No 42-27	
Manifest 001094770WAS	Scale Date 05-JUN-20
	Net Tons 23.83



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214617

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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

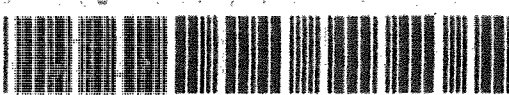
EPA ID NUMBER : IND005478094

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	

 Jeffrey A. Laborsky, President

TX:



528



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094771 WAS	
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191			Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL				U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704				U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
X	1. RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG171	1	DT	20000 23128	K	
	2.			06570		
	3.					
	4.					
14. Special Handling Instructions and Additional Information 1. U1 Q1494188 T#14003713 <i>As 23128kg (51100lb)</i> WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-23 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 Conner Hedderick on behalf of Arconic Lafayette, LLC				Signature <i>Conner Hedderick</i>		Month Day Year 6 5 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Tim Wilson				Signature <i>Tim Wilson</i>		Month Day Year 6 5 20
Transporter 2 Printed/Typed Name				Signature		Month Day Year
18. Discrepancy						
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
<i>Discrepancy resolved per Robert Prezbinowski @ 6-5-20</i>						
18b. Alternate Facility (of Generator)				Manifest Reference Number: _____ 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)						
1. H132		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 19a						
Printed/Typed Name David Barba				Signature <i>David Barba</i>		Month Day Year 06 05 20

GENERATOR

TRANSPORTER INTL

DESIGNATED FACILITY

Scale Ticket

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 3214618

Transx 14003713

Pickup 05-JUN-20

Container 28972905 30 DT

Unit No DT 42-23

Manifest 001094771WAS

Gross Weight 85040

Tare Weight 33940

Net Weight 51100

Scale Date 05-JUN-20

Net Tons 25.55



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214618

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

 Jeffrey A. Laborsky, President

TX:

398

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094772 WAS	
5. Generator's Name and Mailing Address ARCUNIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191			Generator's Site Address (if different than mailing address) ARCUNIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL				U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704				U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity
				No.	Type	12. Unit Wt./Vol.
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171			1	DT	20000 22534 06-5-20
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information 1. WI Q1494188 TN14003715 WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-24 ERI: HERITAGE [133419953]						
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/Officer's Printed/Typed Name Conner Hedderick on behalf of Arcunic Lafayette, LLC				Signature <i>[Signature]</i>		Month Day Year 6 5 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Kevin Davis				Signature <i>[Signature]</i>		Month Day Year 6 5 20
Transporter 2 Printed/Typed Name				Signature		Month Day Year
18. Discrepancy						
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
DISCREPANCY DISCLOSED PER ROBERT PRZEBINDOWSKI @ 6-5-20						Manifest Reference Number:
18b. Alternate Facility (of Generator)				U.S. EPA ID Number		
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator)				Signature		Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.	H132		2.	3.	4.	
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 DAVID BARBA				Signature <i>[Signature]</i>		Month Day Year 06 05 20

Scale Ticket

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 3214619

Transx 14003715

Pickup 05-JUN-20

Gross Weight 83400

Tare Weight 33720

Container 28972939 30 DT

Net Weight 49680

Unit No DT 42-24

Manifest 001094772WAS

Scale Date 05-JUN-20

Net Tons 24.84



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214619

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094773 WAS
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5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191	Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325
--	---

6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL	U.S. EPA ID Number IND058484114
---	---

7. Transporter 2 Company Name	U.S. EPA ID Number
-------------------------------	--------------------

8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704	U.S. EPA ID Number IND980503890
---	---

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	1. RQ, UN3492, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	OT	20000	K			
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. WI 01494188 TH14003717
WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20
BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-29 ERI: HERITAGE [133419963]

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 behalf of Arconic Lafayette, LLC** Signature *Con Hedderick* Month **6** Day **5** Year **20**

16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name Jeff A Ford	Signature <i>Jeff A Ford</i>	Month 6	Day 5	Year 20
Transporter 2 Printed/Typed Name	Signature	Month	Day	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'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)

1. H132	2.	3.	4.
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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 **David Bama** Signature *David Bama* Month **10** Day **05** Year **20**

Scale Ticket

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 3214620	
Transx 14003717	Gross Weight 80580
Pickup 05-JUN-20	Tare Weight 33840
Container 28972943 30 DT	Net Weight 46740
Unit No DT 42-29	
Manifest 001094773WAS	Scale Date 05-JUN-20
	Net Tons 23.37



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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	

 Jeffrey A. Laborsky, President

TX:

570/4233

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094774 WAS
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5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191	Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325
--	---

6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL	U.S. EPA ID Number IND058484114
--	------------------------------------

7. Transporter 2 Company Name	U.S. EPA ID Number
-------------------------------	--------------------

8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 N COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704	U.S. EPA ID Number IND980503890
---	------------------------------------

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	1. RG, UN3432, POLYCHLORINATED DIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG4171	1	QT	20000	K			
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
 1. W1 Q1494188 T#14003719
 WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20
 BULK PCB REMEDIATION WASTE TRAILER Trailer#: _____ ERI: HERITAGE [13341997]

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 behalf of Arconic Lafayette, LLC Signature [Signature] Month 6 Day 5 Year 20

16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Materials
 Transporter 1 Printed/Typed Name Dave Burkholder Signature [Signature] Month 6 Day 5 Year 20
 Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ 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'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)
 1. H132 2. _____ 3. _____ 4. _____

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 DAVID BARBA Signature [Signature] Month 06 Day 05 Year 20

Scale Ticket

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 3214621

Transx 14003719

Pickup 05-JUN-20

Gross Weight 80420

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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214621

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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

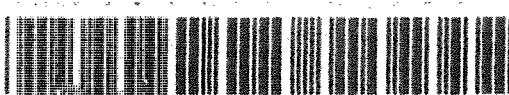
EPA ID NUMBER : IND005478094

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	

Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094775 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
				No.	Type				
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171			1	DT	20000 22507	K		
	2.					66520			
	3.								
	4.								
14. Special Handling Instructions and Additional Information 1. U1 01494188 TN14003721 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE <u>6/5/20</u> BULK PCB REMEDIATION WASTE TRAILER Trailer# <u>42-28</u> ERI: HERITAGE [13341998]									
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 Hedderickson <i>behalf of Arconic Lafayette, LLC</i>					Signature 		Month 6	Day 5	Year 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Jerod Sutton					Signature 		Month 6	Day 5	Year 2020
Transporter 2 Printed/Typed Name					Signature		Month	Day	Year
18. Discrepancy									
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
DISCREPANCY RESOLVED PER ROBINIA PRZEBIL-DOWSKI @ 6.5.20									
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ 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)									
1.	2.			3.	4.				
	H132								
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 19a									
Printed/Typed Name DAVID BANJA					Signature 		Month 6	Day 05	Year 20

Scale Ticket

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 3214622

Transx 14003721

Pickup 05-JUN-20

Container 28973579 30 DT

Unit No DT 42-28

Manifest 001094775WAS

Gross Weight 83200

Tare Weight 33580

Net Weight 49620

Scale Date 05-JUN-20

Net Tons 24.81



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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	

Jeffrey A. Laborsky, President

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094776 WAS
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5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JAKRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191	Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325
--	---

6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL	U.S. EPA ID Number IND058484114
--	------------------------------------

7. Transporter 2 Company Name	U.S. EPA ID Number
-------------------------------	--------------------

8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704	U.S. EPA ID Number IND980503890
---	------------------------------------

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	1. RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERGII71	1	OT	20000 17853 06-5-20	K			
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
 1. UN 314941BS Y#14003723
 WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20
 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-30 ERI: HERITAGE [13341999]

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/Offorer's Printed/Typed Name Cover Hedderick on behalf of Arconic Lafayette, LLC Signature [Signature] Month 6 Day 5 Year 20

16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Materials
 Transporter 1 Printed/Typed Name CLIFFORD ROBINSON Signature [Signature] Month 6 Day 5 Year 20
 Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____

18. Discrepancy
 18a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection
DISCREPANCY RESOLVED PER ROBERT PRZEBINDOWSKI 06-5-20

18b. Alternate Facility (or Generator) _____ Manifest Reference Number: _____ U.S. EPA ID Number _____

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	2.	3.	4.
---------	----	----	----

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 19a
 Printed/Typed Name DAVID BARBA Signature [Signature] Month 06 Day 05 Year 20

Scale Ticket

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 3214623

Transx 14003723

Pickup 05-JUN-20

Container 28975174 30 DT

Unit No DT 42-30

Manifest 001094776WAS

Gross Weight 73040

Tare Weight 33680

Net Weight 39360

Scale Date 05-JUN-20

Net Tons 19.68



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214623

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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

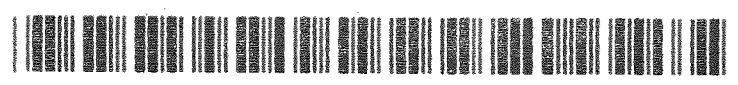
DISPOSAL DATE : 05-JUN-20

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	

Jeffrey A. Laborsky, President



528



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094777 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000	K		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. W1 G1494188 T#14003725 WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-23 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 behalf of Arconic Lafayette, LLC					Signature 		Month Day Year 6 5 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Tim Wilson					Signature 		Month Day Year 6 5 20
Transporter 2 Printed/Typed Name					Signature		Month Day Year
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)							
1. H132		2.		3.		4.	
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 DANN BANA					Signature 		Month Day Year 06 05 20

GENERATOR

TRANSPORTER INTL

DESIGNATED FACILITY

Scale Ticket

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 3214624

Transx 14003725

Pickup 05-JUN-20

Gross Weight 81440

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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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	

 Jeffrey A. Laborsky, President

TX:

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094778 WAS	
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191			Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114	
7. Transporter 2 Company Name					U.S. EPA ID Number	
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890	
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity
				No.	Type	12. Unit Wt./Vol.
X	1. RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG#171			I	DT	20000 22516 06-5-20
	2.					
	3.					
	4.					
13. Waste Codes						
14. Special Handling Instructions and Additional Information 1. U1 01494168 TN14003727 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-29 ERI: HERITAGE [13342001]						
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 behalf of Arconic Lafayette, LLC					Signature <i>Conner Hedderick</i>	
					Month	Day
					6	5
					Year	
					20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name JEFF ALFORD					Signature <i>Jeff Alford</i>	
					Month	Day
					6	5
					Year	
					20	
18. Discrepancy						
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
DISCREPANCY RESOLVED PER ROBERT PRZEBINADWJSKI 06-5-20						
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)						
1.	2.	3.	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 DAVID RANKA					Signature <i>David Ranka</i>	
					Month	Day
					06	05
					Year	
					20	

Scale Ticket

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 3214625

Transx 14003727

Pickup 05-JUN-20

Gross Weight 83340

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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214625

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094779 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes			
		No.	Type						
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000	K				
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information 1. U1 Q1494188 T#14003729 WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20 ds 2155545 (478206) BULK PCB REMEDIATION WASTE TRAILER Trailer# 42-27 ERI:HERITAGE [13342002]									
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 behalf of Arconic Lafayette, LLC					Signature 		Month 6	Day 5	Year 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name CORY MILAN					Signature 		Month 6	Day 5	Year 2020
Transporter 2 Printed/Typed Name					Signature		Month	Day	Year
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)									
1. H132		2.		3.		4.			
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 David Banta					Signature 		Month 06	Day 15	Year 20

GENERATOR

INTL

TRANSPORTER

DESIGNATED FACILITY

Scale Ticket

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>3214626</u>	
Transx <u>14003729</u>	Gross Weight <u>80660</u>
Pickup <u>05-JUN-20</u>	Tare Weight <u>33140</u>
Container <u>28975217</u> 30 DT	Net Weight <u>47520</u>
Unit No <u>42-27</u>	
Manifest <u>001094779WAS</u>	Scale Date <u>05-JUN-20</u>
	Net Tons <u>23.76</u>



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214626

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	

 Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094780 WAS	
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191			Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL				U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704				U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity
				No.	Type	12. Unit Wt./Vol.
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171			1	DT	20000 K
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information 1. W1 Q1494198 T#14003731 WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/5/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-29 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 Hedderick on behalf of Arconic Lafayette, LLC				Signature <i>Con Hedderick</i>		Month Day Year 6 5 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Kevin Davis				Signature <i>Kevin Davis</i>		Month Day Year 6 5 20
Transporter 2 Printed/Typed Name				Signature		Month Day Year
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)						
1.	2.	3.	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 DAVID BANA				Signature <i>David Bana</i>		Month Day Year 06 05 20

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

Scale Ticket

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 3214627

Transx 14003731

Pickup 05-JUN-20

Gross Weight 81000

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



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214627

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	

 Jeffrey A. Laborsky, President

TX:

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094781 WAS
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5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191	Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325
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6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL	U.S. EPA ID Number IND058484114
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7. Transporter 2 Company Name	U.S. EPA ID Number
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8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704	U.S. EPA ID Number IND980503890
---	---


9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	1. RG, UN3492, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERGWI71	1	DT	20000	K			
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information 1. WI 01494188 T#14003733 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE <u>6/5/20</u> BULK PCB REMEDIATION WASTE TRAILER Trailer#: <u>4233</u> ERI: HERITAGE [133420043]

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 behalf of Arconic Lafayette, LLC	Signature 	Month 6	Day 5	Year 20
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16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____
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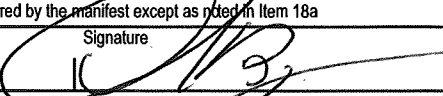
17. Transporter Acknowledgment of Receipt of Materials				
Transporter 1 Printed/Typed Name Day Salk	Signature 	Month 6	Day 5	Year 20
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

18. Discrepancy
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection
Manifest Reference Number: _____

18b. Alternate Facility (or Generator) Facility's Phone: _____	U.S. EPA ID Number
---	--------------------

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	2.	3.	4.

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 DAVID BANTA	Signature 	Month Day Year 10 6 20
--	---	----------------------------------

Scale Ticket

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 3214628

Transx 14003733

Pickup 05-JUN-20

Gross Weight 82400

Tare Weight 34840

Container 28975325 30 DT

Net Weight 47560

Unit No DT 42-33

Manifest 001094781WAS

Scale Date 05-JUN-20

Net Tons 23.78



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214628

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094782 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
				No.	Type				
X	1. RQ, UN3482, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171			1	OT	20000	K		
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information 1. M1 01494188 T#14003735 WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE <u>6/5/20</u> d: 20566 kg (45340 lb) BULK PCB REMEDIATION WASTE TRAILER Trailer#: <u>42-28</u> ERI: HERITAGE [13342005]									
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/Officer's Printed/Typed Name Conner Hedderick on behalf of Arconic Lafayette, LLC					Signature 		Month	Day	Year
							6	5	20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Jerod Sutton					Signature 		Month	Day	Year
							6	5	2020
Transporter 2 Printed/Typed Name					Signature		Month	Day	Year
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)									
1.	2.	3.	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 DAVID BANTA					Signature 		Month	Day	Year
							10	05	20

Scale Ticket

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 3214629

Transx 14003735

Pickup 05-JUN-20

Gross Weight 78760

Tare Weight 33420

Container 28975338 30 DT

Net Weight 45340

Unit No DT 42-28

Manifest 001094782WAS

Scale Date 05-JUN-20

Net Tons 22.67



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214629

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 : 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	

Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094784 WAS							
5. Generator's Name and Mailing Address ARCORIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCORIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325								
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114							
7. Transporter 2 Company Name					U.S. EPA ID Number							
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes				
				No.	Type							
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, P6III, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171			1	DT	20000	K					
	2.											
	3.											
	4.											
14. Special Handling Instructions and Additional Information 1. U1 Q1494188 T#14003739 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE <u>6/8/20</u> ^{46,260 lbs} _{20,983 kg} BULK PCB REMEDIATION WASTE TRAILER Trailer#: <u>42-27</u> ERI: HERITAGE [133420073]												
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 Cover Hedderick on behalf of Arcoric Lafayette, LLC								Signature <i>Cover Hedderick</i>		Month 6	Day 8	Year 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____												
17. Transporter Acknowledgment of Receipt of Materials												
Transporter 1 Printed/Typed Name CORY MILAN					Signature <i>Cory Milan</i>			Month 6	Day 8	Year 2020		
Transporter 2 Printed/Typed Name					Signature			Month	Day	Year		
18. Discrepancy												
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)												
1.	2.			3.		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 Bill Benay					Signature <i>Bill Benay</i>			Month 6	Day 8	Year 20		

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

Scale Ticket

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 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 23.13



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214631

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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 : 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	

Jeffrey A. Laborsky, President

438 4225

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094785 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	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 Codes	
X	1. RG, UN3432, POLYCHLORINATED DIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG#171			1		DT	20000	K	
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 TH14003741 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/8/20 20,457kg WT 45,100 lbs BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-25 ERI: HERITAGE I133420081									
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/Officer's Printed/Typed Name Conner Hedderick on behalf of Arconic Lafayette, LLC					Signature <i>Con Hedderick</i>		Month 6	Day 8	Year 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name FRANK AUFM					Signature <i>Frank Aufm</i>		Month 6	Day 8	Year 2020
Transporter 2 Printed/Typed Name					Signature		Month	Day	Year
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)									
1. H132		2.		3.		4.			
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 Brian Williams					Signature <i>Brian Williams</i>		Month 6	Day 8	Year 20

GENERATOR
TRANSPORTER INT'L
DESIGNATED FACILITY

Scale Ticket

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 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 22.55



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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	

 Jeffrey A. Laborsky, President

TX:



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Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094786 WAS	
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191			Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL				U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704				U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit WL/Vol.
			No.	Type		13. Waste Codes
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171		1	DT	20000 23,850 BW 6-8-2020	K
	2.					
	3.					
	4.					
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 <u>6/8/20</u> ^{WT 52,580/ks} _{23,850/ks} BULK PCB REMEDIATION WASTE TRAILER Trailer#: <u>42-28</u> 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 behalf of Arconic Lafayette, LLC				Signature 	Month 6	Day 8
				Year 20		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Jared Sutton				Signature 	Month 6	Day 8
				Year 2020		
Transporter 2 Printed/Typed Name				Signature	Month	Day
18. Discrepancy						
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Discrepancy resolved per Robert Prezbindowski BW 6-8-2020						
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)						
1.	2.	3.	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 Brian Williams				Signature 	Month 6	Day 8
				Year 20		

Scale Ticket

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 3214633

Transx 14003743

Pickup 08-JUN-20

Container 28978599 30 DT

Unit No DT 42-28

Manifest 001094786WAS

Gross Weight 86260

Tare Weight 33680

Net Weight 52580

Scale Date 08-JUN-20

Net Tons 26.29



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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	

Jeffrey A. Laborsky, President

TX:

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Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094787 WAS				
5. Generator's Name and Mailing Address ARCUNIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCUNIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	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 Codes	
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, P5III, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171			1		OT	20000	K	
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information 1. U1 91494188 T914003745 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE <u>6/8/20</u> ^{WT 45,860 lbs} _{20,802 kg} BULK PCB REMEDIATION WASTE TRAILER Trailer#: <u>42-24</u> ERI: HERITAGE [133420103]									
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/Offorer's Printed/Typed Name Conner Hedderick on behalf of Arcunic Lafayette, LLC.					Signature <i>Conner Hedderick</i>		Month 6	Day 8	Year 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Kevin Davis				Signature <i>Kevin Davis</i>		Month 6	Day 8	Year 20	
Transporter 2 Printed/Typed Name				Signature		Month	Day	Year	
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)									
1. H132		2.		3.		4.			
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 Brian Williams					Signature <i>Brian Williams</i>		Month 6	Day 8	Year 20

Scale Ticket

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 3214634	
Transx 14003745	Gross Weight 80060
Pickup 08-JUN-20	Tare Weight 34200
Container 28978600 30 DT	Net Weight 45860
Unit No DT 42-24	
Manifest 001094787WAS	Scale Date 08-JUN-20
	Net Tons 22.93



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214634

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

Jeffrey A. Laborsky, President

TX:



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094788 WAS		
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191			Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325				
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL			U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704			U.S. EPA ID Number IND980503890				
9a. HM	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.	
X	1. RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG#171		1		DT	20000 22,190 BW 6-8-2020	K
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. U1 01494188 T#14003747 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE <u>6/8/20</u> 22,190kg BULK PCB REMEDIATION WASTE TRAILER Trailer#: <u>42-29</u> ERI: HERITAGE [13342011]							
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 behalf of Arconic Lafayette, LLC			Signature <i>Conner Hedderick</i>		Month 6	Day 8	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Jeff Aiford			Signature <i>Jeff Aiford</i>		Month 6	Day 8	
Transporter 2 Printed/Typed Name			Signature		Month	Day	
18. Discrepancy							
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Discrepancy resolved per Robert Ar Binowski BW 6-8-2020							
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)							
1.	2.		3.		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 Brian Williams			Signature <i>Brian Williams</i>		Month 6	Day 8	

Scale Ticket

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 3214635

Transx 14003747

Pickup 08-JUN-20

Container 28979007 30 DT

Unit No DT 42-29

Manifest 001094788WAS

Gross Weight 82440

Tare Weight 33520

Net Weight 48920

Scale Date 08-JUN-20

Net Tons 24.46



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214635

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	

Jeffrey A. Laborsky, President

438

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094789 WAS					
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 Generator's Phone: (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325						
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114					
7. Transporter 2 Company Name					U.S. EPA ID Number					
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 Facility's Phone: (765)435-2704					U.S. EPA ID Number IND980503890					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
				No.	Type					
	X	1. RQ, UN3492, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171		1	DT	20000	K			
		2.								
		3.								
	4.									
14. Special Handling Instructions and Additional Information 1. U1 Q1494188 T#14003749 WGT IN SEC 11 IS AN ESTIMATE. EARLIEST DATE OF REMOVAL FROM SERVICE 6/8/20 18,543K WT 40,880 LB BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-25 ERI: HERITAGE [133420123]										
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/Offoror's Printed/Typed Name Coner Heddorick on behalf of Arconic Lafayette, LLC					Signature <i>Con Heddorick</i>			Month Day Year 6 8 20		
INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
	17. Transporter Acknowledgment of Receipt of Materials									
TRANSPORTER	Transporter 1 Printed/Typed Name FRANK ALFZOL				Signature <i>Frank Alfzol</i>			Month Day Year 6 8 2020		
	Transporter 2 Printed/Typed Name				Signature			Month Day Year		
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____									
	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		2.		3.		4.				
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 Brian Williams					Signature <i>Brian Williams</i>			Month Day Year 6 8 20		

Scale 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 3214636

Transx 14003749

Pickup 08-JUN-20

Container 28980600 30 DT

Unit No DT 42-25

Manifest 001094789WAS

Gross Weight 72160

Tare Weight 31280

Net Weight 40880

Scale Date 08-JUN-20

Net Tons 20.44



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214636

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

Jeffrey A. Laborsky, President

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094790 WAS				
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191				Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325					
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL					U.S. EPA ID Number IND058484114				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704					U.S. EPA ID Number IND980503890				
9a. HM	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 Codes	
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171			1		DT	20000	K	
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information 1. U1 01494188 T#14003752 WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE <u>6/15/20</u> BULK PCB REMEDIATION WASTE TRAILER Trailer#: <u>42-29</u> ERI: HERITAGE [133420133]									
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 Hedderrick on behalf of Arconic Lafayette, LLC					Signature <i>Conner Hedderrick</i>			Month Day Year 6/15/20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Jeff A Iford					Signature <i>J A Iford</i>			Month Day Year 6/15/20	
Transporter 2 Printed/Typed Name					Signature			Month Day Year	
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)									
1. H132		2.		3.		4.			
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 DAVID BANTA					Signature <i>David Banta</i>			Month Day Year 10/15/20	

Scale Ticket

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 3214638

Transx 14003752

Pickup 15-JUN-20

Container 29007379 30 DT

Unit No DT 42-29

Manifest 001094790WAS

Gross Weight 80580

Tare Weight 33880

Net Weight 46700

Scale Date 15-JUN-20

Net Tons 23.35



Facility : HERITAGE ENVIRONMENTAL SERVICES
 4370 W COUNTY ROAD 1275 N
 ROACHDALE, IN 46172-9593
 (765)435-2704

EPA ID: IND980503890

Stop : 3214638

Generator Mailing Address :

LINDLEY JARRETT
 ARCONIC LAFAYETTE, 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	

 Jeffrey A. Laborsky, President

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IND005478094	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Manifest Tracking Number 001094791 WAS	
5. Generator's Name and Mailing Address ARCONIC LAFAYETTE, LLC / LINDLEY JARRETT 3131 MAIN ST LAFAYETTE, IN 47905-2272 (765)771-3191			Generator's Site Address (if different than mailing address) ARCONIC LAFAYETTE, LLC 3131 MAIN ST LAFAYETTE, IN 47905-2272 GEN: 211325			
6. Transporter 1 Company Name HERITAGE TRANSPORT LLC - RAIL				U.S. EPA ID Number IND058484114		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704				U.S. EPA ID Number IND980503890		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
		No.	Type			
X	1. RG, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, MIXTURE, 9, PGIII, (PCB REMEDIATION WASTE), (RG = 1 LB), ERG171	1	DT	20000	K	
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information 1. W1 Q1494188 T#14003754 <i>id: 18677k (9118016)</i> WGT IN SEC 11 IS AN ESTIMATE, EARLIEST DATE OF REMOVAL FROM SERVICE 6/15/20 BULK PCB REMEDIATION WASTE TRAILER Trailer#: 42-29 ERI:HERITAGE [13342014]						
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 Haddorid on behalf of Arconic Lafayette, LLC				Signature <i>Conner Haddorid</i>		Month Day Year 6 15 20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Jeff Alford				Signature <i>Jeff Alford</i>		Month Day Year 6 15 20
Transporter 2 Printed/Typed Name				Signature		Month Day Year
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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)						
1.	2.	3.	4.			
	H132					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 16a						
Printed/Typed Name DAVID BARBA				Signature <i>David Barba</i>		Month Day Year 06 15 20

Scale Ticket

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 3214639

Transx 14003754

Pickup 15-JUN-20

Gross Weight 74920

Tare Weight 33740

Container 29008485 30 DT

Net Weight 41180

Unit No DT 42-29

Manifest 001094791WAS

Scale Date 15-JUN-20

Net Tons 20.59



Facility : HERITAGE ENVIRONMENTAL SERVICES
 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

Certificate of Disposal for PCB Waste

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Generator Site Address : **Gen# :** 211325

DOCUMENT : 001094791WAS

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	18,679	H132
Totals		1	18,679	

Jeffrey A. Laborsky, President

APPENDIX IX

BACKFILL SOURCE DOCUMENTATION



**PATRIOT ENGINEERING
and ENVIRONMENTAL, Inc.**

Engineering Value for Project Success

TO: Kevin Chapman

Environmental Field Services, Inc.

1302 N Meridian St #310

Indianapolis, IN 46202

kchapman@envfield.com;

RE: Formal Field Reports No. 02

Project: Elliot Ditch Backfill Soil - PO # JT 1994

Patriot Project No. 20-0401-06C

Date: May 19, 2020

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

Adam Kain
Senior Project Manager

Copies: aherrmann@envfield.com;

717 C FARABEE COURT, LAFAYETTE, INDIANA 47905
PH. 765-447-4477 • FAX 765-447-4045 • WEB WWW.PATRIOTENG.COM

INDIANA - BLOOMINGTON, EVANSVILLE, FORT WAYNE, INDIANAPOLIS, LAFAYETTE, TERRE HAUTE
KENTUCKY - LOUISVILLE, OHIO - CINCINNATI, DAYTON, TENNESSEE - NASHVILLE

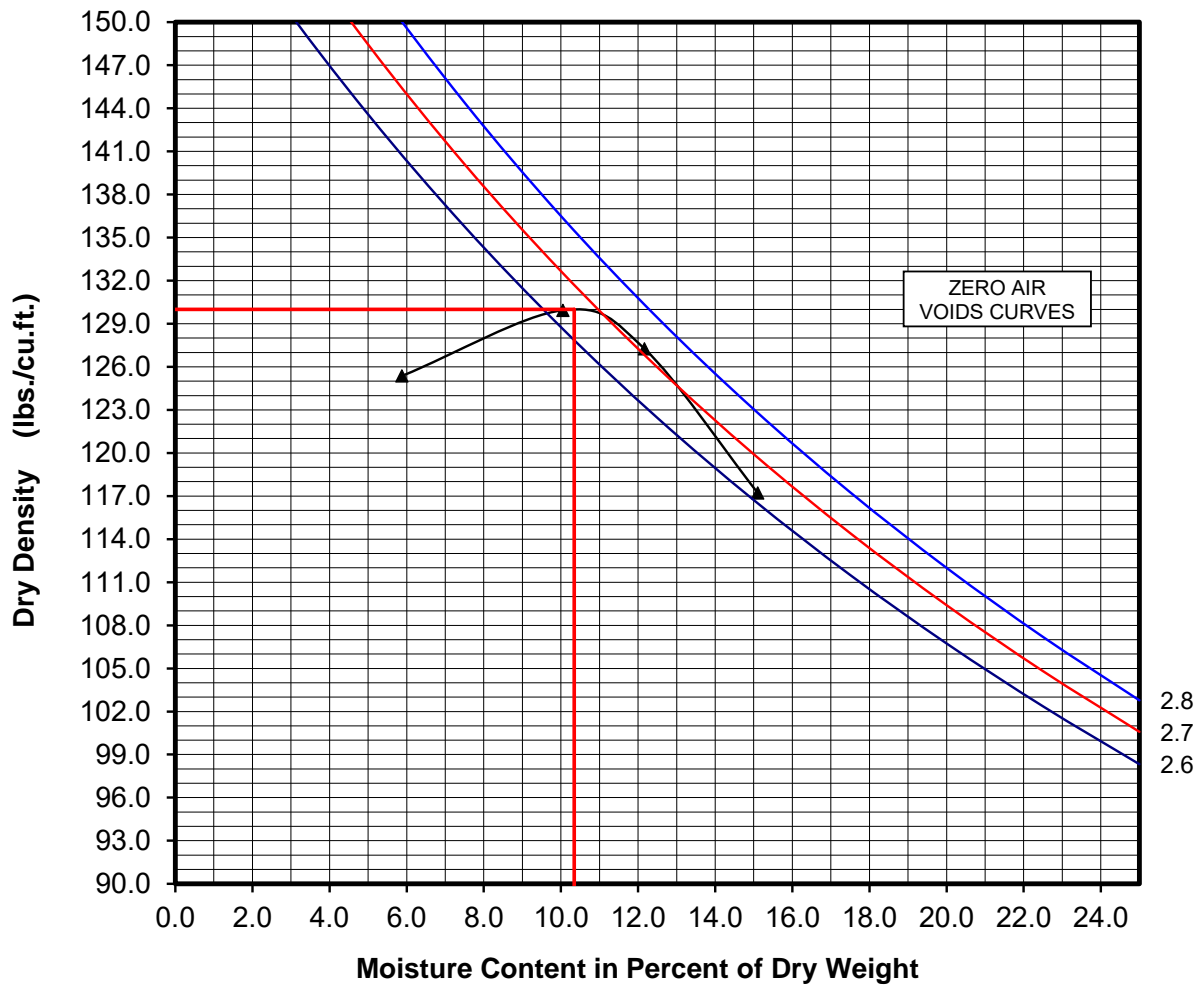


Moisture-Density (Proctor)

ASTM D698 - 12e2, AASHTO T99 (17) Standard
ASTM D1557 - 12e1, AASHTO T180 (17) Modified

Original Amended

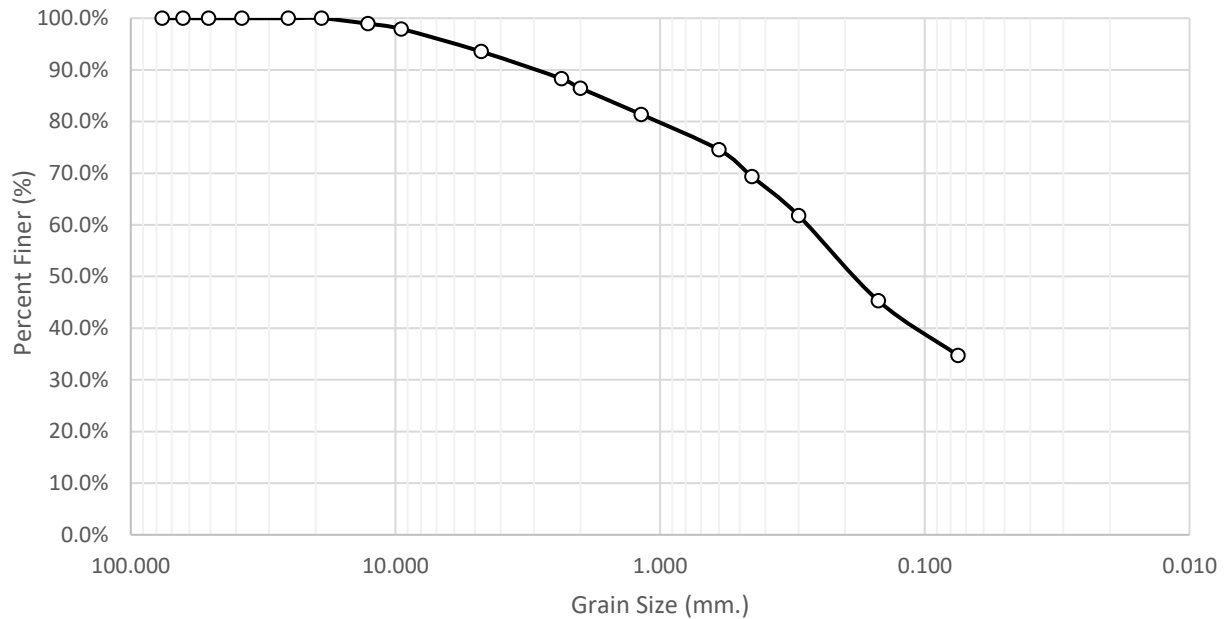
Project Name: <u>Elliot Ditch Backfill Soil</u>	Client: <u>Environmental Field Services, Inc.</u>
Project Number: <u>20-0401-06C</u>	Sampled By: <u>Client</u>
Date Received: <u>5/12/2020</u>	Tested By: <u>Bridget Buchanan</u>
Date Tested: <u>5/14/2020</u>	Sample Source: <u>Bridget Buchanan</u>
Sample Number: <u>SS20-005</u>	Proctor Type: <u>Standard</u>



Maximum Dry Density: <u>130.0</u> pcf	Optimum Moisture Content: <u>10.3%</u>
Upsize Correction MDD: _____ pcf	
Sample Description: <u>Brown Silty Sandy Clay with trace gravel</u>	
Test Method: <u>B</u>	



Particle Size Distribution Report



% + 3"	Percent (%) Gravel		Percent (%) Sand			Percent (%) Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	6.5	7.1	17.1	34.6	34.7	

Sieve Size	Percent (%) Finer	Specification 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	

<u>Material Description</u>			
Brown, Silty Sandy Clay with trace gravel			
<u>Atterberg Limits</u>			
PL =	14	LL =	20
		PI =	6
<u>Coefficients</u>			
D90	3.1343	D85	1.7646
D60	0.2836	D50	0.1926
D30	0.0648	D15	0.0324
D10	0.0216	Cu	13.1346
Cc	0.6852		
<u>Classification</u>			
USCS		CL - ML	
AASHTO			

Sample Number: SS20-005 **Sample Source:** Client **Date:** 5/14/2020



Project:	Elliot Ditch Backfill Soil
Number:	20-0401-06C
Client:	Environmental Field Services, Inc.



PATRIOT ENGINEERING and ENVIRONMENTAL, INC.

717 Farabee Court, Suite C
Lafayette, IN 47905
(765) 447-4477 FAX: (765) 447-4045

Atterberg Limits AASHTO T89/T90

Original
 Amended

Project Name: Elliot Ditch Backfill Soil Client: Environmental Field Services, Inc.

Project Number: 20-0401-06C Sampled By: Client

Date Received: 5/12/2020 Tested By: Bridget Buchanan

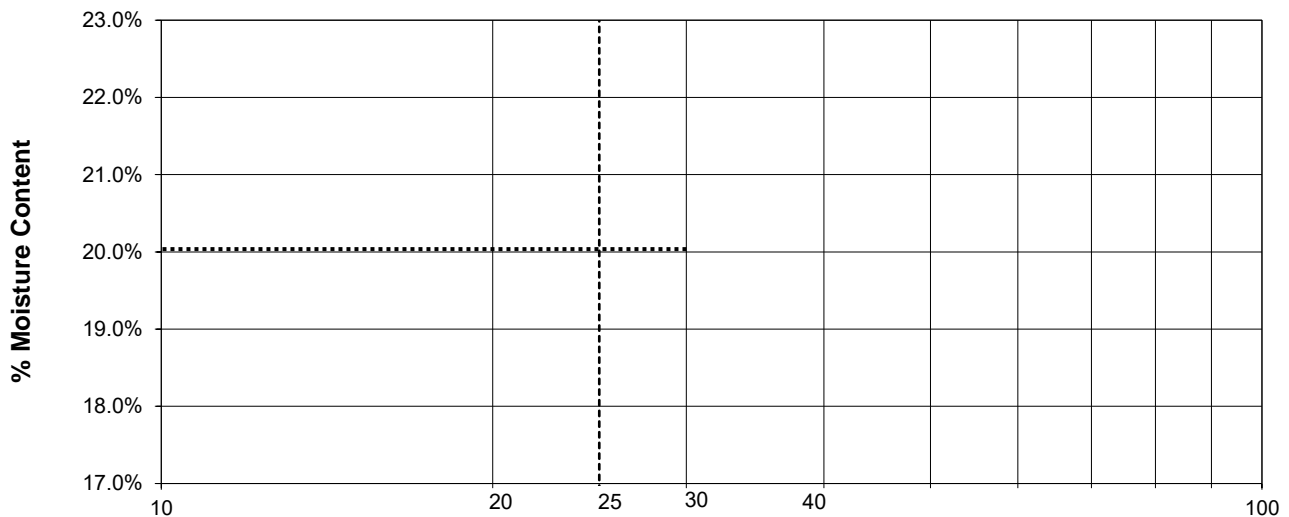
Date Tested: 5/15/2020 Source: _____

Sample Number: SS20-005

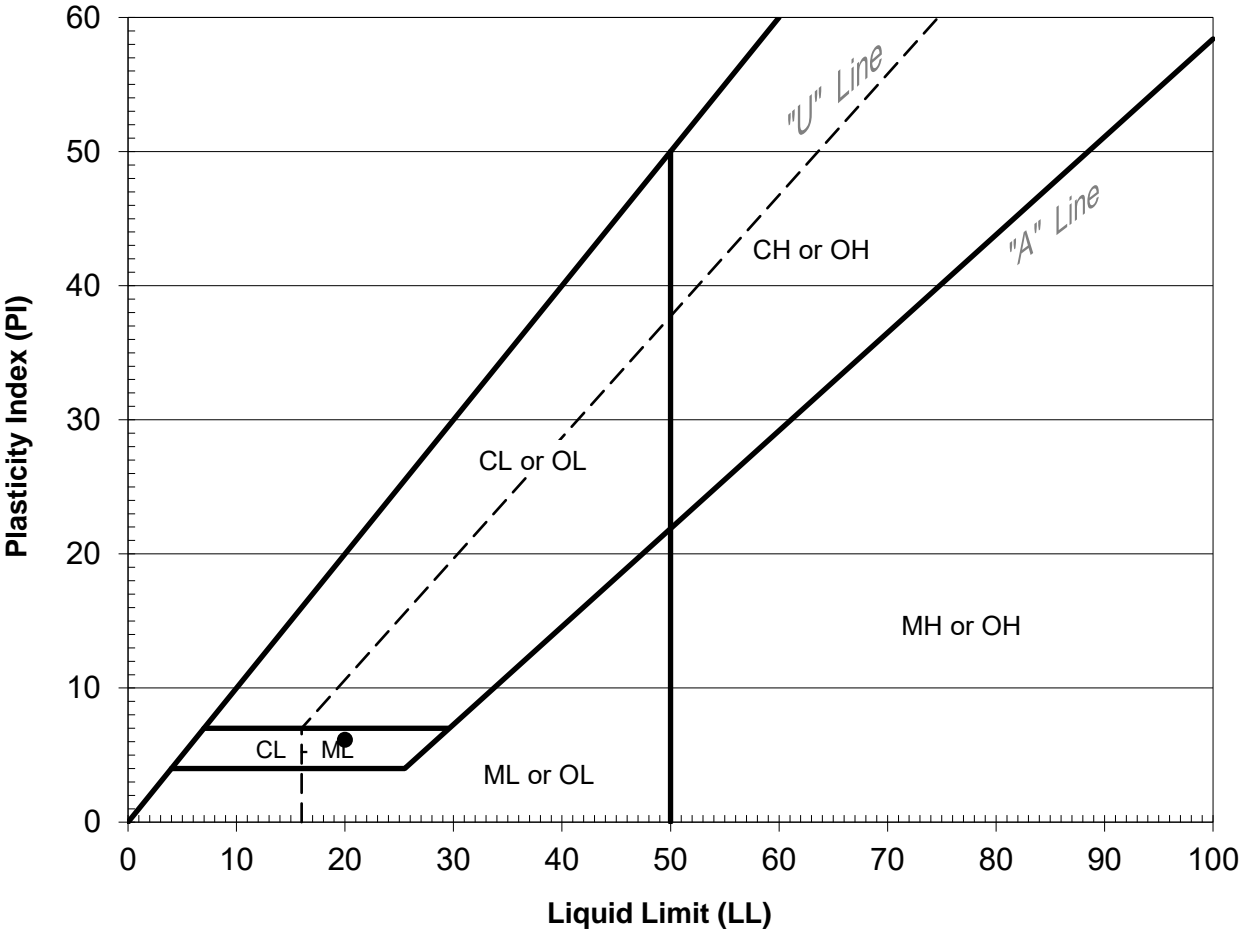
Delivered MC		Plastic Limit				Liquid Limit		
Tare #		34	36	37	35	30	32	39
Wet + tare		18.50	18.40	18.10	18.50	31.30	26.30	30.20
Dry + tare		17.90	17.60	17.80	17.90	28.50	24.40	27.50
tare wgt		13.50	13.80	13.60	13.50	13.50	13.80	13.60
water wgt	0	0.60	0.80	0.30	0.60	2.80	1.90	2.70
dry wgt	0	4.40	3.80	4.20	4.40	15.00	10.60	13.90
MC	#DIV/0!	13.64%	21.05%	7.14%	13.64%	18.67%	17.92%	19.42%
		Average			13.87%	Blows		
Liquid Limit	<u>20</u>	Plastic Limit		<u>14</u>	Plastic Index		<u>6</u>	

USCS Classification: _____

Liquid Limit



Atterberg Limits Plasticity Chart





LOSS ON IGNITION (LOI)

ASTM D 2974
Test Method "C"

Original Amended

Project Name:	Elliot Ditch Case # 1111 PO # JT 1994	Client:	Environmental Field Services, Inc.
Project Number:	20-0401-06C	Client Address:	
Date Received:	5/14/2020	Sampled by:	Client
Date Tested:	5/14/2020	Tested by:	S. Lauletta
		Date @ 455° C:	5/15/2020

Boring No.	Sample No.	Tare No.	Tare Wt. (g)	Dry+Tare Wt. (g)	Dry Weight (g)	Ash+Tare Wt. (g)	Ash Weight (g)	Organic 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)							Total PCBs (mg/Kg)
		1016	1221	1232	1242	1248	1254	1260	
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 as-received 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

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

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

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

Report Date : 05/28/2020
Received : 05/22/2020



Report Number : **20-143-0094**

REPORT OF ANALYSIS

Andrea R. Brownfield
Project manager

Lab No : **85931**

Matrix: **Solids**

Sample ID : **ED-Backfill - 1**

Sampled: **5/21/2020 14:40**

Analytical Method: 8082A

Prep Batch(es): **L493263** 05/26/20 18:02

Prep Method: 3540C

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	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: Decachlorobiphenyl	81.0		Limits: 25-125%	1	05/28/20 01:08	VIC	L493589
Surrogate: Tetrachloro-m-xylene	88.5		Limits: 25-125%	1	05/28/20 01:08	VIC	L493589

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

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

Report Date : 05/28/2020
Received : 05/22/2020



Report Number : **20-143-0094**

REPORT OF ANALYSIS

Andrea R. Brownfield
Project manager

Lab No : **85932**

Matrix: **Solids**

Sample ID : **ED-Backfill - 2**

Sampled: **5/21/2020 14:42**

Analytical Method: 8082A

Prep Batch(es): L493263 05/26/20 18:02

Prep Method: 3540C

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	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: Decachlorobiphenyl	79.9		Limits: 25-125%	1	05/28/20 01:30	VIC	L493589
Surrogate: Tetrachloro-m-xylene	85.9		Limits: 25-125%	1	05/28/20 01:30	VIC	L493589

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

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

Report Date : 05/28/2020
Received : 05/22/2020



Report Number : **20-143-0094**

REPORT OF ANALYSIS

Andrea R. Brownfield
Project manager

Lab No : **85933**

Matrix: **Solids**

Sample ID : **ED-Backfill - 3**

Sampled: **5/21/2020 14:44**

Analytical Method: 8082A

Prep Batch(es): **L493263** 05/26/20 18:02

Prep Method: 3540C

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0066	mg/Kg	0.0066	1	05/28/20 01:52	VIC	L493589
Aroclor 1221	<0.0066	mg/Kg	0.0066	1	05/28/20 01:52	VIC	L493589
Aroclor 1232	<0.0066	mg/Kg	0.0066	1	05/28/20 01:52	VIC	L493589
Aroclor 1242	<0.0066	mg/Kg	0.0066	1	05/28/20 01:52	VIC	L493589
Aroclor 1248	<0.0066	mg/Kg	0.0066	1	05/28/20 01:52	VIC	L493589
Aroclor 1254	<0.0066	mg/Kg	0.0066	1	05/28/20 01:52	VIC	L493589
Aroclor 1260	<0.0066	mg/Kg	0.0066	1	05/28/20 01:52	VIC	L493589
Surrogate: Decachlorobiphenyl	82.1		Limits: 25-125%	1	05/28/20 01:52	VIC	L493589
Surrogate: Tetrachloro-m-xylene	86.2		Limits: 25-125%	1	05/28/20 01:52	VIC	L493589

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

25226

Civil & Environmental Consultants, Inc.
Ms. Jenny Rickford O'Brien
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Knoxville , TN 37920

Project Elliott Ditch Remediation Confirmation -
Information : Project No.: 172-367 Task 34

Report Date : 05/28/2020
Received : 05/22/2020



Report Number : **20-143-0094**

REPORT OF ANALYSIS

Andrea R. Brownfield
Project manager

Lab No : **85934**

Matrix: **Solids**

Sample ID : **ED-Backfill - 4**

Sampled: **5/21/2020 14:46**

Analytical Method: 8082A

Prep Batch(es): **L493263** 05/26/20 18:02

Prep Method: 3540C

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	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	87.3		Limits: 25-125%	1	05/28/20 02:14	VIC	L493589
Surrogate: Tetrachloro-m-xylene	83.8		Limits: 25-125%	1	05/28/20 02:14	VIC	L493589

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

25226

Civil & Environmental Consultants, Inc.
Ms. Jenny Rickford O'Brien
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Knoxville , TN 37920

Project Elliott Ditch Remediation Confirmation -
Information : Project No.: 172-367 Task 34

Report Date : 05/28/2020
Received : 05/22/2020



Report Number : **20-143-0094**

REPORT OF ANALYSIS

Andrea R. Brownfield
Project manager

Lab No : **85935**

Matrix: **Solids**

Sample ID : **ED-Backfill - 5**

Sampled: **5/21/2020 14:48**

Analytical Method: 8082A

Prep Batch(es): **L493263** 05/26/20 18:02

Prep Method: 3540C

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	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: Decachlorobiphenyl	95.0		Limits: 25-125%	1	05/28/20 02:36	VIC	L493589
Surrogate: Tetrachloro-m-xylene	85.9		Limits: 25-125%	1	05/28/20 02:36	VIC	L493589

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

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

Report Date : 05/28/2020
Received : 05/22/2020



Report Number : **20-143-0094**

REPORT OF ANALYSIS

Andrea R. Brownfield
Project manager

Lab No : **85936**

Matrix: **Solids**

Sample ID : **ED-Backfill - 6**

Sampled: **5/21/2020 14:50**

Analytical Method: 8082A

Prep Batch(es): **L493263** 05/26/20 18:02

Prep Method: 3540C

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0066	mg/Kg	0.0066	1	05/28/20 02:58	VIC	L493589
Aroclor 1221	<0.0066	mg/Kg	0.0066	1	05/28/20 02:58	VIC	L493589
Aroclor 1232	<0.0066	mg/Kg	0.0066	1	05/28/20 02:58	VIC	L493589
Aroclor 1242	<0.0066	mg/Kg	0.0066	1	05/28/20 02:58	VIC	L493589
Aroclor 1248	<0.0066	mg/Kg	0.0066	1	05/28/20 02:58	VIC	L493589
Aroclor 1254	<0.0066	mg/Kg	0.0066	1	05/28/20 02:58	VIC	L493589
Aroclor 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 02:58	VIC	L493589
Surrogate: Tetrachloro-m-xylene	87.4		Limits: 25-125%	1	05/28/20 02:58	VIC	L493589

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

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

Report Date : 05/28/2020
Received : 05/22/2020



Report Number : **20-143-0094**

REPORT OF ANALYSIS

Andrea R. Brownfield
Project manager

Lab No : **85937**

Matrix: **Solids**

Sample ID : **ED-Backfill - 7**

Sampled: **5/21/2020 14:52**

Analytical Method: 8082A

Prep Batch(es): **L493263** 05/26/20 18:02

Prep Method: 3540C

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	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
Surrogate: Decachlorobiphenyl	80.0		Limits: 25-125%	1	05/28/20 03:19	VIC	L493589
Surrogate: Tetrachloro-m-xylene	83.0		Limits: 25-125%	1	05/28/20 03:19	VIC	L493589

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

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

Report Date : 05/28/2020
Received : 05/22/2020



Report Number : **20-143-0094**

REPORT OF ANALYSIS

Andrea R. Brownfield
Project manager

Lab No : **85938**

Matrix: **Solids**

Sample ID : **ED-Backfill - 8**

Sampled: **5/21/2020 14:54**

Analytical Method: 8082A

Prep Batch(es): **L493263** 05/26/20 18:02

Prep Method: 3540C

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	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: Decachlorobiphenyl	74.6		Limits: 25-125%	1	05/28/20 03:41	VIC	L493589
Surrogate: Tetrachloro-m-xylene	83.2		Limits: 25-125%	1	05/28/20 03:41	VIC	L493589

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

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

Report Date : 05/28/2020
Received : 05/22/2020



Report Number : **20-143-0094**

REPORT OF ANALYSIS

Andrea R. Brownfield
Project manager

Lab No : **85939**

Matrix: **Solids**

Sample ID : **ED-Backfill - 9**

Sampled: **5/21/2020 14:56**

Analytical Method: 8082A

Prep Batch(es): L493263 05/26/20 18:02

Prep Method: 3540C

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	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	79.4		Limits: 25-125%	1	05/28/20 04:03	VIC	L493589
Surrogate: Tetrachloro-m-xylene	79.9		Limits: 25-125%	1	05/28/20 04:03	VIC	L493589

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

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

Report Date : 05/28/2020
Received : 05/22/2020



Report Number : **20-143-0094**

REPORT OF ANALYSIS

Andrea R. Brownfield
Project manager

Lab No : **85940**

Matrix: **Solids**

Sample ID : **ED-Backfill - 10**

Sampled: **5/21/2020 14:58**

Analytical Method: 8082A

Prep Batch(es): L493263 05/26/20 18:02

Prep Method: 3540C

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	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: Decachlorobiphenyl	77.4		Limits: 25-125%	1	05/28/20 04:25	VIC	L493589
Surrogate: Tetrachloro-m-xylene	74.9		Limits: 25-125%	1	05/28/20 04:25	VIC	L493589

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

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		

Shipment Receipt Form

Customer Number: **25226**
 Customer Name: **Civil & Environmental Consultants, Inc.**
 Report Number: **20-143-0094**

Shipping Method

Fed Ex US Postal Lab Other :
 UPS Client Courier Thermometer ID: #70


Shipping container/cooler uncompromised?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Number of coolers/boxes received	<input type="text" value="1"/>		
Custody seals intact on shipping container/cooler?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Not Present
Custody seals intact on sample bottles?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Present
Chain of Custody (COC) present?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC agrees with sample label(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC properly completed	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Samples in proper containers?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sample containers intact?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sufficient sample volume for indicated test(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
All samples received within holding time?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler temperature in compliance?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Water - Sample containers properly preserved	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Water - VOA vials free of headspace	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Trip Blanks received with VOAs	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Soil VOA method 5035 – compliance criteria met	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
<input type="checkbox"/> High concentration container (48 hr)		<input type="checkbox"/> Low concentration EnCore samplers (48 hr)	
<input type="checkbox"/> High concentration pre-weighed (methanol -14 d)		<input type="checkbox"/> Low conc pre-weighed vials (Sod Bis -14 d)	
Special precautions or instructions included?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	

Comments:

Signature:

Date & Time:

Client Name/Address Civil + Environmental Consultants, Inc.	Client Project Manager/Contact Garrett Welch Jenny O'Brien	Billing Information Invoice - send to gwelch@cecinc.com	For Laboratory Use Only	
Project Description Elliott Ditch - Levee IM Project	Project/Site Location (City/State) Lafayette, IN	<input type="checkbox"/> RUSH - Additional charges apply <input type="checkbox"/> Special Detection Limit(s) Date Results Needed	Method of Shipment <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> USPS <input type="checkbox"/> Courier <input type="checkbox"/> Client Drop Off Other	Matrix Key WW - Wastewater GW - Groundwater DW - Drinking Water S - Soil /Solid O - Oil P - Product M - Misc
Project Number 172-367 Task 34	Project Manager Phone # 865-440-1655	Project Manager Email gwelch@cecinc.com	Purchase Order Number	Site/Facility ID # Elliott Ditch



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

PCBs via No 8082 - Pres.



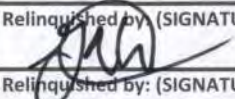
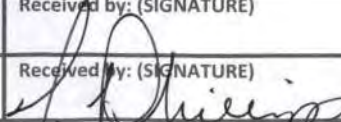
20-143-0094
25226
05-22-2020
15:26:12

Civil & Environmental Consultants, Inc.
Elliott Ditch Remediation Confirmation - ISM

< 10C Na2S2O3 (Micro Only)
I <= 6C
O4 pH<2
e Required
H pH>10
I3 pH<2
pH<2
O4 pH<2
<= 6C NA2S2O3

Date	Time	Sample Identification	Number of Containers	Matrix (Refer to Key)	(G)rab or (C)omposite	Required Analysis / Preservative	Comments/Notes
5/24/20	1440	ED-Backfill-1	1	S	C	X	HOLD UNTIL CLIENT INSTRUCTION
	1442	ED-Backfill-2	1	S	C	X	
	1444	ED-Backfill-3	1	S	C	X	
	1446	ED-Backfill-4	1	S	C	X	
	1448	ED-Backfill-5	1	S	C	X	
	1450	ED-Backfill-6	1	S	C	X	
	1452	ED-Backfill-7	1	S	C	X	
	1454	ED-Backfill-8	1	S	C	X	
	1456	ED-Backfill-9	1	S	C	X	
	1458	ED-Backfill-10	1	S	C	X	

Custody Seals
received on:
Cooler(s) / Container(s)

For Laboratory Use Only		Sampled by (Name - Print) Jenny O'Brien	Client Remarks/Comments * DO NOT COMPOSITE VIA INCREMENTAL SAMPLING! HOLD UNTIL CLIENT INSTRUCTION	
Ice <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Custody Seals <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Relinquished by: (SIGNATURE) 	Date Time 5/21/20 1400	Received by: (SIGNATURE) 
Blank/Cooler Temp 0.4°C T70 (TP)		Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)
		Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)

1015

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



>>> "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](tel:8448287979) · Fax: [\(865\) 977-9919](tel:8659779919)
Direct: [\(865\) 340-4903](tel:8653404903) · Mobile: [\(865\) 407-8861](tel:8654078861)
<http://www.cecinc.com>

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If this is an unsolicited spam message, please Report it to IT Support



TO: Kevin Chapman

Environmental Field Services, Inc.

1302 N Meridian St #310

Indianapolis, IN 46202

kchapman@envfield.com;

RE: Formal Field Reports No. 03

Project: Elliot Ditch Backfill Soil - PO # JT 1994

Patriot Project No. 20-0401-06C

Date: June 22, 2020

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

Adam Kain
Senior Project Manager

Copies: aherrmann@envfield.com;



**PATRIOT ENGINEERING
and Environmental, Inc.**

717 Farabee Court, Suite C
Lafayette, IN 47905
Phone 765.447.4477 Fax 765.447.4045

Daily Report / Project Observations

20-0401-06C Elliot Ditch Backfill Soil
Project Name: - PO # JT 1994
Client: Environmental Field Services, Inc.
Weather: Sunny, 80s
Contractor: EFS

Patriot Rep: Jeff McCloud
Patriot PM: JM
Date: 06/08/20

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:

Patriot was on site as requested in the above listed location. The contractor was requesting Patriot assist them in establishing a compaction pattern to obtain the project requirements of 95%. The material was a brown, silty, sandy clay with trace gravel. After a few different means and methods the contractor was able to exceed the 95% of the Proctor value of 130.0 pcf. This was obtained by placing approximately eight to nine inches of material down and then making 3 passes with a medium weighted vibratory smooth drum roller. Further information can be found on the attached Field Density Report.



**PATRIOT ENGINEERING
and ENVIRONMENTAL, Inc.**

Engineering Value for Project Success

TO: Kevin Chapman

Environmental Field Services, Inc.

1302 N Meridian St #310

Indianapolis, IN 46202

kchapman@envfield.com;

RE: Formal Field Reports No. 04

Project: Elliot Ditch Backfill Soil - PO # JT 1994

Patriot Project No. 20-0401-06C

Date: July 1, 2020

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;

717 C FARABEE COURT, LAFAYETTE, INDIANA 47905
PH. 765-447-4477 • FAX 765-447-4045 • WEB WWW.PATRIOTENG.COM

INDIANA - BLOOMINGTON, EVANSVILLE, FORT WAYNE, INDIANAPOLIS, LAFAYETTE, TERRE HAUTE
KENTUCKY - LOUISVILLE, OHIO - CINCINNATI, DAYTON, TENNESSEE - NASHVILLE



**PATRIOT ENGINEERING
and Environmental, Inc.**

717 Farabee Court, Suite C
Lafayette, IN 47905
Phone 765.447.4477 Fax 765.447.4045

Daily Report / Project Observations

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 access lane.
	See included 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 above noted locations. Field density testing was performed and test results met minimum project requirements of 95% of a Standard Proctor maximum dry density. For further details, please refer to the attached Field Density Test Results Report.

Empty box for additional remarks or comments.



PATRIOT ENGINEERING and Environmental, Inc.

717 Farabee Court, Suite C
Lafayette, IN 47905
Phone 765.447.4477 Fax 765.447.4045

Site Photos

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



Remarks:

Approximate locations of test areas highlighted in red.



Remarks:

Photo of general area before compaction had been completed.

Remarks:



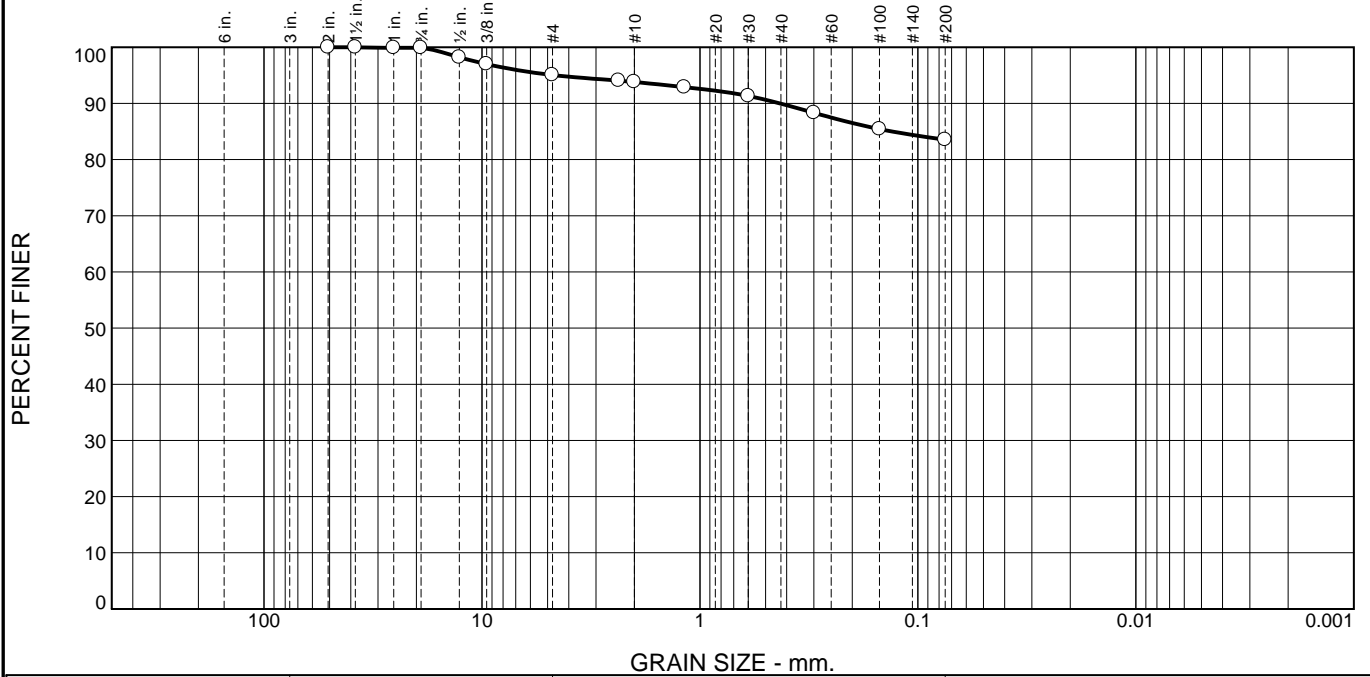
**PATRIOT ENGINEERING
and Environmental, Inc.**

*Engineering Value for Project Success
Consulting Environmental, Geotechnical
and Materials Engineers*

**ASTM D 5268
Topsoil Specifications**

Deleterious Material		Specification Limits	
Sample weight: _____	765.60 g	Category	%
Weight of material retained on 2.00mm _____	87.20 g	Deleterious	5% max (Material retained on 2.00mm)
% of original sample retained on 2.00mm _____	11.39 %	Organic matter	3-10%
Organic Content		Sand	20-60%
Tare # _____	5	Silt/clay	35-70%
Tare Wgt: _____	38.75 g	pH	5.5 - 7.5
Tare + Dry weight _____	82.39 g	Project:	Elliot Ditch
Dry Weight _____	43.64 g		Topsoil Classification
Tare + Ash weight _____	81.00 g	Client:	Environmental
% Organic Content _____	3.19 %		Field Services
Particle Size Distribution		Project number:	20-0401-06C
Sand Content	11.60 %	Date sampled:	6/11/2020
% Retained on 75um *		Sampled by:	Client
Clay/Silt Content	83.20 %	Date tested:	6/16/2020
% Passing the 75um **		Tested by:	J. Rogers
* % passing the #10 sieve and retained on the 75um = % sand		Sample number:	SS-193
** % passing the 75um = % clay/silt			
pH			
pH = _____	7.29		

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	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 Size	Percent Finer	Spec.* (Percent)	Pass? (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		

* (no specification provided)

Material Description

silt with sand

Atterberg Limits (ASTM D 4318)

PL= NP LL= NV PI= NP

Classification

USCS (D 2487)= ML AASHTO (M 145)= A-4(0)

Coefficients

D₉₀= 0.4296 D₈₅= 0.1313 D₆₀=
D₅₀= D₃₀= D₁₅=
D₁₀= C_u= C_c=

Remarks

Date Received: 6/11/2020 Date Tested: 6/16/2020

Tested By: J. Rogers

Checked By: B. Tiernan

Title: Laboratory Supervisor

Sample Number: SS-193

Date Sampled: 6/11/2020

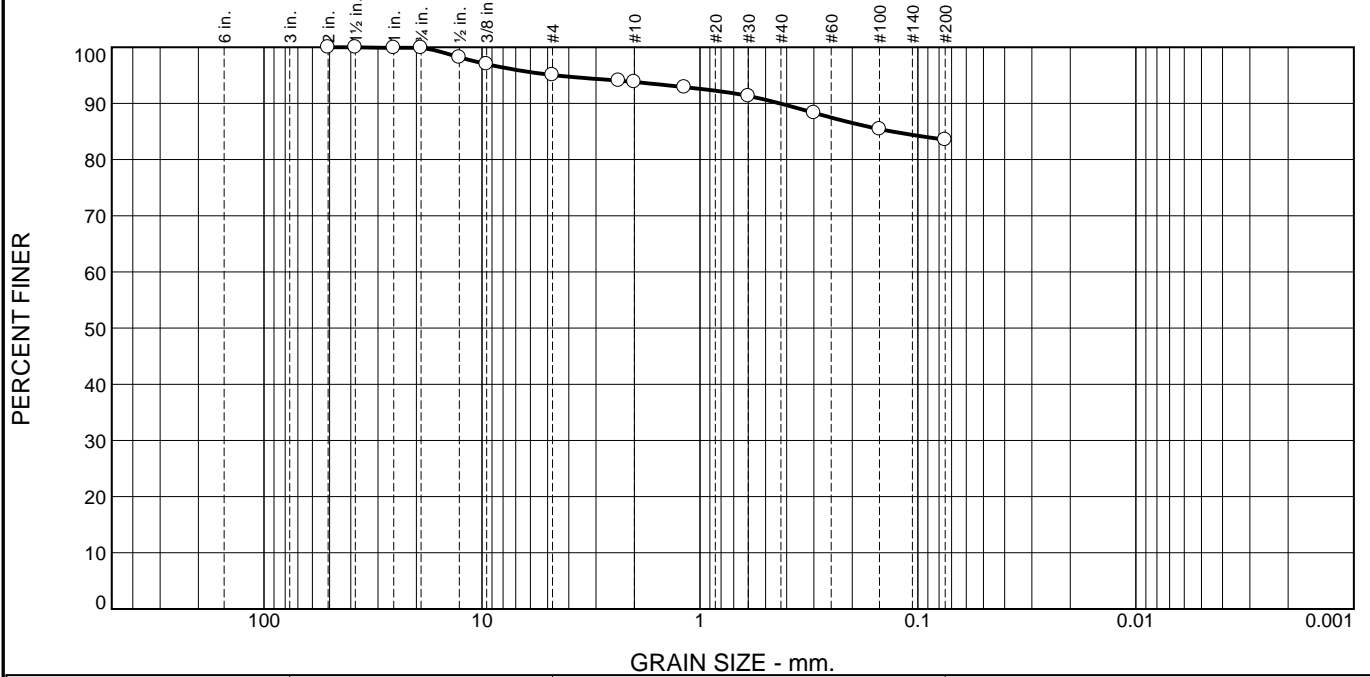
**PATRIOT ENGINEERING
AND ENVIRONMENTAL, INC.**
Indianapolis, Indiana

Client: Environmental Field Services
Project: Elliot Ditch Topsoil Classification

Project No: 20-0401-06C

Figure

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.1	4.8	1.3	3.8	6.5	83.5	

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#4	95.1		
#8	94.0		
#10	93.8		
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* (no specification provided)

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D₁₀= C_u= C_c=

Remarks

Date Received: 6/11/2020 Date Tested: 6/16/2020

Tested By: J. Rogers

Checked By: B. Tiernan

Title: Laboratory Supervisor

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

APPENDIX X

TOPSOIL SOURCE DOCUMENTATION



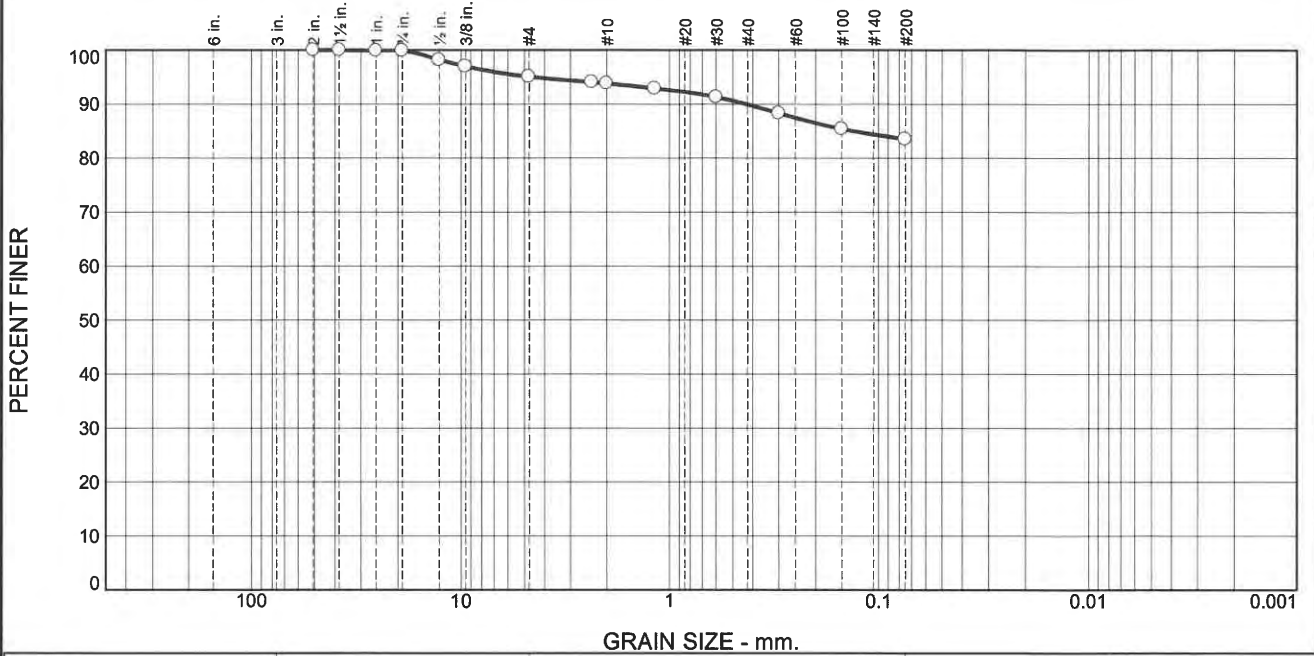
**PATRIOT ENGINEERING
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*Engineering Value for Project Success
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and Materials Engineers*

**ASTM D 5268
Topsoil Specifications**

Deleterious Material		Specification Limits	
Sample weight: _____	765.60 g	Category	%
Weight of material retained on 2.00mm _____	87.20 g	Deleterious (Material retained on 2.00mm)	5% max
% of original sample retained on 2.00mm _____	11.39 %	Organic matter	3-10%
Organic Content		Sand	20-60%
Tare # _____	5	Tare Wgt: _____	38.75 g
Tare + Dry weight _____	82.39 g	Silt/clay	35-70%
Dry Weight _____	43.64 g	pH	5.5 - 7.5
Tare + Ash weight _____	81.00 g	Project: _____	Elliot Ditch
% Organic Content _____	3.19 %	Topsoil Classification	
Particle Size Distribution		Client: _____	Environmental
Sand Content	11.60 %	Field Services	
% Retained on 75um *		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
pH		Sample number: _____	SS-193
pH = _____	7.29		

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	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)			
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#30	91.3		
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* (no specification provided)

Material Description

silt with sand

Atterberg Limits (ASTM D 4318)

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D₉₀= 0.4296 D₈₅= 0.1313 D₆₀=
D₅₀= D₃₀= D₁₅=
D₁₀= C_u= C_c=

Remarks

Date Received: 6/11/2020 Date Tested: 6/16/2020

Tested By: J. Rogers

Checked By: B. Tiernan

Title: Laboratory Supervisor

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 (mg/Kg)
		1016	1221	1232	1242	1248	1254	1260	
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 as-received 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

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
Georgia	State Program	C044	02/18/2023
Georgia	State Program	04015	06/30/2020
Illinois	State Program - NELAP	200078	10/10/2020
Kentucky	State Program	80215	06/30/2020
Kentucky	State Program	KY90047	12/31/2020
Louisiana	State Program - NELAP	04015	06/30/2020
Mississippi	State Program	MS	05/10/2020
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	06/30/2020
Virginia	State Program - NELAP	460181	09/14/2020
Washington	State Program	C1018	07/31/2020

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
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 Number : **20-164-0004**

REPORT OF ANALYSIS

Lab No : **93047**

Matrix: **Solids**

Sample ID : **ED-Topsoil-1**

Sampled: **6/11/2020 14:45**

Analytical Method: 8082A **Prep Batch(es):** **L497187** 06/18/20 17:30

Prep Method: 3540C

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	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 14:22		L497363
Surrogate: Tetrachloro-m-xylene	73.4		Limits: 25-125%	1	06/19/20 14:22		L497363

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

25226

Civil & Environmental Consultants, Inc.
Ms. Jenny Rickford O'Brien
2704 Cherokee Farm Way²Suite 101
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 Number : **20-164-0004**

REPORT OF ANALYSIS

Lab No : **93048**

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

Prep Method: 3540C

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	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	63.5		Limits: 25-125%	1	06/19/20 14:44		L497363
Surrogate: Tetrachloro-m-xylene	65.0		Limits: 25-125%	1	06/19/20 14:44		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)

Lab Reagent Blank LRB-L497187 Matrix: SOL
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		

Shipment Receipt Form

Customer Number: **25226**
 Customer Name: **Civil & Environmental Consultants, Inc.**
 Report Number: **20-164-0004**

Shipping Method

Fed Ex US Postal Lab Other :
 UPS Client Courier Thermometer ID: #100

Shipping container/cooler uncompromised?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Number of coolers/boxes received	<input type="text" value="2"/>		
Custody seals intact on shipping container/cooler?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Not Present
Custody seals intact on sample bottles?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Present
Chain of Custody (COC) present?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC agrees with sample label(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC properly completed	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Samples in proper containers?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sample containers intact?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sufficient sample volume for indicated test(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
All samples received within holding time?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler temperature in compliance?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Water - Sample containers properly preserved	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Water - VOA vials free of headspace	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Trip Blanks received with VOAs	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Soil VOA method 5035 – compliance criteria met	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
<input type="checkbox"/> High concentration container (48 hr)		<input type="checkbox"/> Low concentration EnCore samplers (48 hr)	
<input type="checkbox"/> High concentration pre-weighed (methanol -14 d)		<input type="checkbox"/> Low conc pre-weighed vials (Sod Bis -14 d)	
Special precautions or instructions included?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	

Comments:

Signature:

Date & Time:

Client Name/Address		Client Project Manager/Contact		Billing Information		For Laboratory Use Only			
Civil + Environmental Consultants		Garrett Welch Jenny O'Brien		invoice send to gwelch@cecinc.com		Method of Shipment Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> USPS <input type="checkbox"/> Courier <input type="checkbox"/> Client Drop Off <input type="checkbox"/> Other <input type="checkbox"/>		Matrix Key WW - Wastewater GW - Groundwater DW - Drinking Water S - Soil / Solid O - Oil P - Product M - Misc	
Project Description Elliott Ditch - Levee Topsoil		Project/Site Location (City/State) Lafayette, IN		RUSH - Additional charges apply Special Detection Limit(s) Date Results Needed		Purchase Order Number		Site/Facility ID # Elliott Ditch	
Project Number 172367		Project Manager Phone # 865-440-1655		Project Manager Email gwelch@cecinc.com		Required Analysis / Preservative		Comments/Notes	
Waypoint ANALYTICAL 2790 Whitten Road Memphis, TN 38133 (901) 213-2400		Number of Containers		Matrix (Refer to Key)		(G)rab or (C)omposite		A Cool < 10C NA2S2O3 (Micro Only) B Cool <= 6C C H2SO4 pH<2 D None Required E NaOH pH>10 F HNO3 pH<2 G HCL pH<2 H H3PO4 pH<2 I Cool <= 6C NA2S2O3	
Sample Identification		Unless noted, all containers per Table II of 40 CFR Part 136.							
Date	Time								
6/11	1445	ED-Topsoil-1		1 S G X					
6/11	1446	ED-Topsoil-2		1 S G X					
Barcode		Barcode		Barcode		Barcode		Barcode	
20-164-0004 25226 06-12-2020 09:54:43		Civil & Environmental Consultants, Inc. Elliott Ditch - Levee Topsoil							
Ice		Custody Seals		Lab Comments		Client Remarks/Comments		Date Time	
0/N	Y/N	Custody Seals received on: Coolers / Containers		Jenny O'Brien		Do not composite via incremental sampling!		6/11 1730	
Blank/Cooler Temp	1.4°C T100			Relinquished by: (SIGNATURE) Jenny O'Brien		Received by: (SIGNATURE)		Date Time	
0.7				Relinquished by: (SIGNATURE)		Received by: (SIGNATURE)		Date Time	
				Relinquished by: (SIGNATURE)		Received by: (SIGNATURE)		Date Time 6/11/20 9:00	

APPENDIX XI

HAUL ROAD ANALYTICAL REPORT

Haul Road Sampling Results

Elliott Ditch Levee Interim Measures Post Construction Report
Arconic Lafayette Operations, Lafayette, Indiana

Sample ID	Date	PCB Aroclor (mg/Kg)							Total PCBs (mg/Kg)
		1016	1221	1232	1242	1248	1254	1260	
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 as-received 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

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

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
Suite 101
Knoxville , TN 37920

Project Elliott Ditch Haul Road
Information : Project No.: 172-367

Report Date : 07/30/2020
Received : 07/23/2020



Report Number : **20-205-0146**

REPORT OF ANALYSIS

Andrea R. Brownfield
Project manager

Lab No : **94472**

Matrix: **Solids**

Sample ID : **ED-HR>50**

Sampled: **7/22/2020 11:05**

Analytical Method: 8082A

Prep Batch(es): **L503600** 07/28/20 17:00

Prep Method: 3540C

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	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: Decachlorobiphenyl	75.9		Limits: 25-125%	1	07/30/20 01:24	VIC	L503949
Surrogate: Tetrachloro-m-xylene	76.4		Limits: 25-125%	1	07/30/20 01:24	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
Suite 101
Knoxville , TN 37920

Project Elliott Ditch Haul Road
Information : Project No.: 172-367

Report Date : 07/30/2020
Received : 07/23/2020



Report Number : **20-205-0146**

REPORT OF ANALYSIS

Andrea R. Brownfield
Project manager

Lab No : **94473**

Matrix: **Solids**

Sample ID : **ED-HR Exit**

Sampled: **7/22/2020 11:00**

Analytical Method: 8082A

Prep Batch(es): **L503600** 07/28/20 17:00

Prep Method: 3540C

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<1.00	mg/Kg	1.00	1	07/30/20 01:46	VIC	L503949
Aroclor 1221	<1.00	mg/Kg	1.00	1	07/30/20 01:46	VIC	L503949
Aroclor 1232	<1.00	mg/Kg	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	1.00	1	07/30/20 01:46	VIC	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
Surrogate: Tetrachloro-m-xylene	81.6		Limits: 25-125%	1	07/30/20 01:46	VIC	L503949

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

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		

Shipment Receipt Form

Customer Number: **25226**
 Customer Name: **Civil & Environmental Consultants, Inc.**
 Report Number: **20-205-0146**

Shipping Method

Fed Ex US Postal Lab Other :
 UPS Client Courier Thermometer ID: #102

Shipping container/cooler uncompromised?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Number of coolers/boxes received	<input type="text" value="1"/>		
Custody seals intact on shipping container/cooler?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Not Present
Custody seals intact on sample bottles?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Present
Chain of Custody (COC) present?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC agrees with sample label(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC properly completed	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Samples in proper containers?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
Sample containers intact?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sufficient sample volume for indicated test(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
All samples received within holding time?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler temperature in compliance?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Water - Sample containers properly preserved	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Water - VOA vials free of headspace	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Trip Blanks received with VOAs	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Soil VOA method 5035 – compliance criteria met	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
<input type="checkbox"/> High concentration container (48 hr)		<input type="checkbox"/> Low concentration EnCore samplers (48 hr)	
<input type="checkbox"/> High concentration pre-weighed (methanol -14 d)		<input type="checkbox"/> Low conc pre-weighed vials (Sod Bis -14 d)	
Special precautions or instructions included?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	

Comments:

Signature:

Date & Time:

Client Name/Address		Client Project Manager/Contact		Billing Information		For Laboratory Use Only			
Civil & Environmental Consultants		Garrett Welch Jenny O'Brien		in voice send to jrickford@virentecinc.com		Method of Shipment Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Courier <input type="checkbox"/> Client Drop Off <input type="checkbox"/> Other <input type="checkbox"/>		Matrix Key WW - Wastewater GW - Groundwater DW - Drinking Water S - Soil / Solid O - Oil P - Product M - Misc	
Project Description Elliott Ditch - Haul Road		Project/Site Location (City/State) Lafayette, IN		RUSH - Additional charges apply Special Detection Limit(s) Date Results Needed		Purchase Order Number		Site/Facility ID # Elliott Ditch	
Project Number 172-367		Project Manager Phone # 865-407-8861		Project Manager Email jrickford@virentecinc.com		Required Analysis / Preservative		Comments/Notes	
Waypoint ANALYTICAL 2790 Whitten Road Memphis, TN 38133 (901) 213-2400		Sample Identification Unless noted, all containers per Table II of 40 CFR Part 136.		Matrix (Refer to Key)		Required Analysis / Preservative		Do Not Composite via incremental sampling ↓	
Date	Time	Number of Containers	Matrix (Refer to Key)	(g)rab or (c)omposite	PCBS via 8082 - no PCBs				
7/22	1105	1	S	C	X				
7/22	1100	1	S	C	X				
Barcode: 20-205-0146 25226 07-23-2020 13:53:02		Barcode: Civil & Environmental Consultants, Inc. Elliott Ditch Haul Road				Custody Seats received on: Cooler(s)/Container(s)			
For Laboratory Use Only		Lab Comments		Sampled by (Name - Print) Jenny O'Brien		Client Remarks/Comments Do NOT Composite via incremental sampling			
Ice	Custody Seals			Date	Time	Received by: (SIGNATURE)	Date	Time	
O/N	O/N			7/22	1400				
Blank/Cooler Temp				Date	Time	Received by: (SIGNATURE)	Date	Time	
15.0 T162 15.0 T170									
				Date	Time	Received by: (SIGNATURE)	Date	Time	
							7/23/20	18:10	

APPENDIX XII

DAILY REPORT



DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<u>Excavator:</u> Doosen Track Excavator 140 w/ thumb <u>Haul Trucks:</u> None <u>Passenger Vehicles:</u> 9 vehicles (2 – Kramer, 1 – CEC, 2 – Bloodhound, 4 – EFS) <u>Miscellaneous Equipment:</u> Bandit Tree Chipper <u>Other:</u> 1 Porta-John and 1 Hand Wash Station
--

MATERIAL DELIVERED ONSITE:

No materials delivered on site

OBSERVATIONS:

Site personnel includes: <ul style="list-style-type: none"> • 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)

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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 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

DAILY FIELD OBSERVATION REPORT CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

PAGE 3 OF 4
DATE: 3/9/2020
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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.

PRE-JOB MEETING

INSTRUCTIONS: This form is to be signed by each person working at the project site after participating in the Pre-Job Safety Orientation Meeting.

Project:

I represent that I participated in a Pre-Job Safety Orientation meeting for the site and understand safety procedures and requirements in accordance with the HASP for the site.

PRINT NAME	SIGNATURE	DATE
Conner Hedrick	<i>[Signature]</i>	3/9/20
Jennifer O'Brien	<i>[Signature]</i>	3/9/20
Andrew Chapman	<i>[Signature]</i>	3/9/20
Kevin Chapman	<i>[Signature]</i>	3/9/20
BRETT KRAMER	<i>[Signature]</i>	3/9/2020
James H. Jackson	<i>[Signature]</i>	3/9/2020
GARY D. KRAMER	<i>[Signature]</i>	3/9/2020
Phillip Mosier	<i>[Signature]</i>	3/9/2020
Eric Gulerson	<i>[Signature]</i>	3/9/20
Honore Ayres	<i>[Signature]</i>	3/9/20
Greg Witz	<i>[Signature]</i>	3-9-2020
Adam Hermann	<i>[Signature]</i>	3-9-2020

Photograph 1 – Pre-Job Safety Orientation Sign-in



**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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Photograph 2 – Offloading Tree Cutting Equipment



Photograph 3 – Tree Cutting



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 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.	WEATHER: 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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<u>Excavator:</u> Doosen Track Excavator 140 w/ thumb
<u>Skid-steer:</u> CAT 279D, Deere 333E w/ Brush-Hog Attachment
<u>Haul Trucks:</u> None
<u>Passenger Vehicles:</u> 5 vehicles (1 – Kramer, 1 – CEC, 2 – EFS, 1 – Fisher)
<u>Miscellaneous Equipment:</u> Bandit Tree Chipper

MATERIAL DELIVERED ONSITE:

<u>Stone:</u> Virgin sourced (as required by 3.2.7 of EFS Work Plan)
<ul style="list-style-type: none"> • #2 Stone – 3 deliveries = 62.61 ton • #53 stone – 2 deliveries = 42.05 ton

OBSERVATIONS:

Site personnel includes: <ul style="list-style-type: none"> • 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)

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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PHOTOGRAPHS



Photograph 1 – Surveyor (Fisher) Onsite

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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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Photograph 2 – #2 Stone Delivery



Photograph 3 – Grading Stone near the Concord Road Entrance



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 2704 Cherokee Farm Way, Suite 101
 Knoxville, Tennessee 37920
 P: (865) 977-9997 F: (865) 977-9919

PAGE 1 OF 4
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.	WEATHER: 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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<u>Excavator:</u> Doosen Track Excavator 140 w/ thumb
<u>Skid-steer:</u> CAT 279D; Deer 333E w/ Brush-Hog Attachment
<u>Dump Trucks:</u> None
<u>Passenger Vehicles:</u> 4 vehicles (1 – Kramer, 1 – CEC, 2 – EFS)
<u>Miscellaneous Equipment:</u> Bandit Tree Chipper

MATERIAL DELIVERED ONSITE:

Fuel – Kramer scheduled a fuel delivery for their equipment

OBSERVATIONS:

Site personnel includes: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • CEC arrived onsite at 0745. EFS and Kramer arrived at 0750.

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

PAGE 2 OF 4

DATE: 3/11/2020

REPORT NO: 3

- 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

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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.

PHOTOGRAPHS



Photograph 1 – Skid-steer w/ Brush-Hog Attachment

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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Photograph 2 – Installing CRP Sign along Concord Road



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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
2704 Cherokee Farm Way, Suite 101
Knoxville, Tennessee 37920
P: (865) 977-9997 F: (865) 977-9919

PAGE 1 OF 4
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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<u>Excavator:</u> Doosen Track Excavator 140 w/ thumb
<u>Skid-steer:</u> CAT 279D; Deer 333E w/ Brush-Hog Attachment
<u>Dump Trucks:</u> None
<u>Passenger Vehicles:</u> 5 vehicles (1 – Kramer, 1 – CEC, 3 – EFS)
<u>Miscellaneous Equipment:</u> Bandit Tree Chipper

MATERIAL DELIVERED ONSITE:

No expected deliveries onsite.

OBSERVATIONS:

Site personnel includes: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• CEC arrived onsite at 0750. Kramer already onsite. EFS arrived at 0755.

**DAILY FIELD OBSERVATION REPORT
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PAGE 2 OF 4

DATE: 3/12/2020

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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

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 3/12/2020

REPORT NO: 4

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 – Tree Cutting

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 3/12/2020

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Photograph 2 – Clearing Progress



Photograph 3 – Marking Additional Trees for Removal



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2704 Cherokee Farm Way, Suite 101
Knoxville, Tennessee 37920
P: (865) 977-9997 F: (865) 977-9919

PAGE 1 OF 4
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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<u>Excavator:</u> Doosen Track Excavator 140 w/ thumb, <u>Dozer:</u> CAT D5 LPG Dozer <u>Skid-steer:</u> CAT 279D w/ Grapple Attachment; Deer 333E w/ Brush-Hog Attachment <u>Dump Trucks:</u> None <u>Passenger Vehicles:</u> 6 vehicles (1 – Kramer, 1 – CEC, 4 – EFS) <u>Miscellaneous Equipment:</u> Bandit Tree Chipper

MATERIAL DELIVERED ONSITE:

No expected deliveries onsite.

OBSERVATIONS:

Site personnel includes: <ul style="list-style-type: none">• 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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

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 – Delivery of CAT D5 Dozer

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Photograph 2 – Spreading Mulch



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Knoxville, Tennessee 37920
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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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<u>Excavator:</u> Doosen Track Excavator 140 w/ thumb, <u>Dozer:</u> CAT D5 LPG Dozer <u>Skid-steer:</u> CAT 279D w/ Grapple Attachment; Deer 333E w/ Brush-Hog Attachment <u>Dump Trucks:</u> None <u>Passenger Vehicles:</u> 6 vehicles (1 – Kramer, 1 – CEC, 4 – EFS) <u>Miscellaneous Equipment:</u> Bandit Tree Chipper

MATERIAL DELIVERED ONSITE:

No expected deliveries onsite.

OBSERVATIONS:

Site personnel includes: <ul style="list-style-type: none">• 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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

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 – 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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<u>Excavator:</u> Doosen Track Excavator 140 w/ thumb <u>Dozer:</u> CAT D5 LPG Dozer <u>Skid-steer:</u> CAT 279D w/ Grapple Attachment <u>Dump Trucks:</u> None <u>Passenger Vehicles:</u> 6 vehicles (1 – Kramer, 1 – CEC, 4 – EFS) <u>Miscellaneous Equipment:</u> Bandit Tree Chipper

MATERIAL DELIVERED ONSITE:

No expected deliveries onsite.

OBSERVATIONS:

Site personnel includes: <ul style="list-style-type: none"> • 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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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 – 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

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 Inc.	CLIENT CONTACT: Robert Prezbindowski
GENERAL CONTRACTOR: EFS	SITE SUPERINTENDENT: Conner Hedderick

THIS REPORT INCLUDES:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<u>Excavator:</u> Doosen Track Excavator 140 w/ thumb <u>Dozer:</u> CAT D5 LPG Dozer <u>Skid-steer:</u> CAT 279D w/ Grapple Attachment <u>Dump Trucks:</u> None <u>Passenger Vehicles:</u> 6 vehicles (1 – CEC, 4 – EFS, 1 - Fisher) <u>Miscellaneous Equipment:</u> Bandit Tree Chipper

MATERIAL DELIVERED ONSITE:

No expected deliveries onsite.

OBSERVATIONS:

Site personnel includes: <ul style="list-style-type: none"> • 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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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 mid-morning, 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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PHOTOGRAPHS



Photograph 1 – Equipment Parked and Prepared for Demobilization



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PAGE 1 OF 3
DATE: 4/8/2020
REPORT NO: 9

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: 65F, Cloudy with sun in afternoon

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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<u>Excavator:</u> CAT 323F Excavator and bucket
<u>Dozer:</u> None
<u>Skid-steer:</u> CAT 279D w/ Attachments
<u>Dump Trucks:</u> None
<u>Passenger Vehicles:</u> 8 vehicles (1 – CEC, 4 – EFS, 1 GPRS, 2 Case Construction)
<u>Miscellaneous Equipment:</u> survey GPS (Case Construction), Hursqvana Saw FS 5000 D

MATERIAL DELIVERED ONSITE:

None delivered

OBSERVATIONS:

Site personnel includes: <ul style="list-style-type: none">• 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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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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PHOTOGRAPHS



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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<u>Excavator:</u> CAT 323F Excavator and bucket
<u>Roller:</u> CAT CS44B
<u>Skid-steer:</u> CAT 279D w/ Attachments
<u>Dump Trucks:</u> None
<u>Passenger Vehicles:</u> 5 vehicles (1 – CEC, 4 – EFS)
<u>Miscellaneous Equipment:</u> 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)

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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 (previous 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

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 – 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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Knoxville, Tennessee 37920
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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.	WEATHER: 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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<u>Excavator:</u> CAT 323F Excavator and bucket
<u>Roller:</u> CAT CS44B
<u>Skid-steer:</u> CAT 279D w/ Attachments
<u>Dump Trucks:</u> None
<u>Passenger Vehicles:</u> 5 vehicles (1 – CEC, 4 – EFS)
<u>Miscellaneous Equipment:</u> 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: <ul style="list-style-type: none">• 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:
 - 99% proctor over culvert
 - 97% proctor at drive apron
 - 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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PHOTOGRAPHS

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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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 Knoxville, Tennessee 37920
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DATE: 4/27/2020
REPORT NO: 12

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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<u>Excavator:</u> CAT 336 Excavator (with GPS) and bucket <u>Dozer:</u> CAT D5 Dozer (with GPS) <u>Roller:</u> CAT 66" Smooth Drum Roller <u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom) <u>Telehandler:</u> CAT 642 Telehandler <u>Passenger Vehicles:</u> 9 vehicles (1 – CEC, 8 – EFS) <u>Miscellaneous Equipment:</u> Equipment Trailer, Kubota 4x4 ATV, Pull Behind Max Power 40 generator

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> <u>Temporary Fence:</u> 3,700 linear feet <u>Geofabric:</u> 11 - 500 square yard rolls = 5,500 square yards
--

OBSERVATIONS:

Site personnel includes: <ul style="list-style-type: none"> 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.
 - Scope of day: installing the security fence and preparation for erosion control installation
 - Expected contractors: None expected.
 - 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:

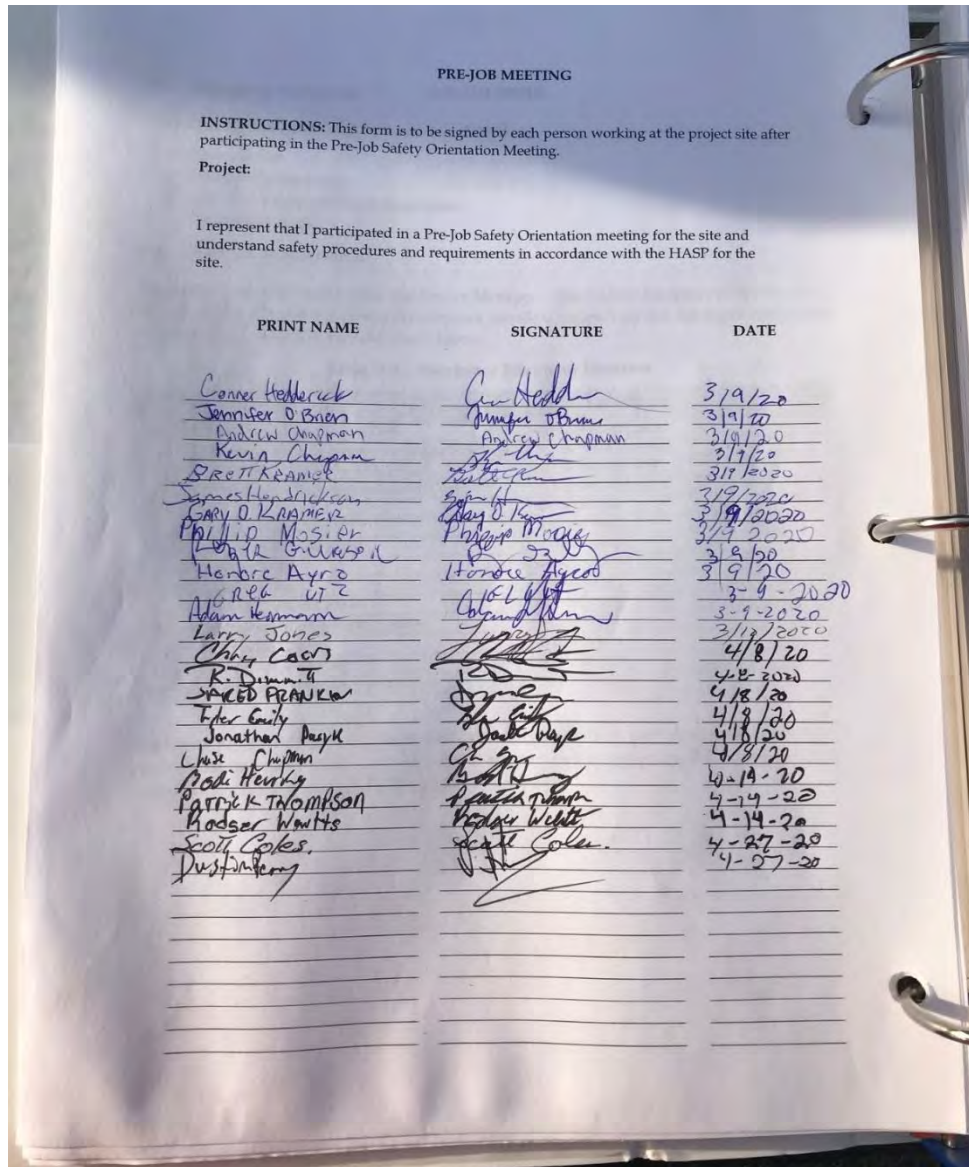
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None

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PHOTOGRAPHS



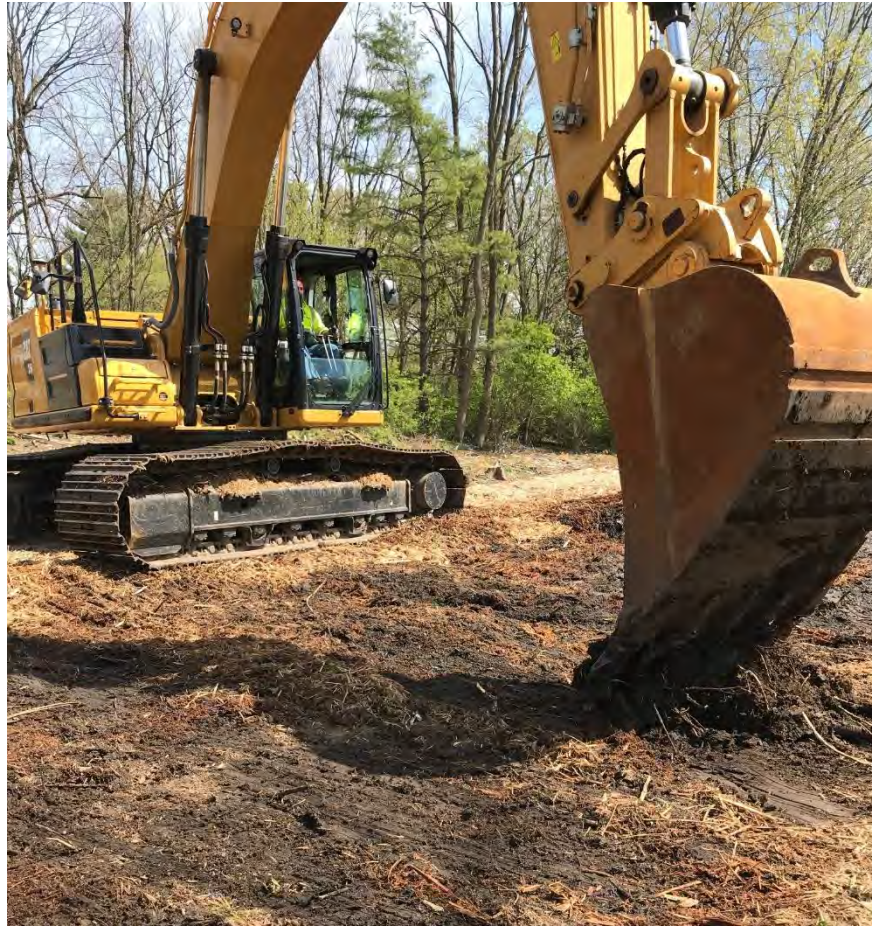
Photograph 1 – HASP Pre-Job Signature Page

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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
REPORT NO: 13

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, 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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and bucket</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Telehandler:</u> CAT 642 Telehandler</p> <p><u>Haul Truck:</u> CAT 730 Off-Road Haul Truck (for moving mulch)</p> <p><u>Tractor:</u> John Deer Tractor (Erosion Runners for installing silt fence)</p> <p><u>Passenger Vehicles:</u> 7 vehicles (1 – CEC, 6 – EFS), 1 truck and trailer (Erosion Runners)</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box</p>

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • <u>Stone:</u> Virgin sourced (as required by 3.2.7 of EFS Work Plan) <ul style="list-style-type: none"> ○ 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.
 - Scope of day: continuing installation the security fence, laying down geofabric for the haul road, and removal of mulch.
 - Expected contractors: Erosion Runners for silt fence install.
 - 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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PHOTOGRAPHS



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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PAGE 1 OF 4
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.	WEATHER: 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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and bucket</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Telehandler:</u> CAT 642 Telehandler</p> <p><u>Haul truck:</u> CAT 730 Off-Road Haul Truck (for moving mulch)</p> <p><u>Passenger Vehicles:</u> 8 vehicles (1 – CEC, 7 – EFS),</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer</p>
--

MATERIAL DELIVERED ONSITE:

No materials delivered.

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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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. 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: <ul style="list-style-type: none">• 3.5 – Site Security Measures
--

COMMUNICATION:

MEETINGS / DISCUSSIONS:

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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.
 - Scope of day: continuing installation the security fence and set up office trailer.
 - Expected contractors: a mechanic to repair the excavator, Huston to connect the office trailer to electricity.
 - Expected deliveries: the office trailer

UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:
None

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PHOTOGRAPHS



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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<u>Excavator:</u> CAT 336 Excavator (with GPS) and bucket
<u>Dozer:</u> CAT D5 Dozer (with GPS)
<u>Roller:</u> CAT 66" Smooth Drum Roller
<u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)
<u>Telehandler:</u> CAT 642 Telehandler
<u>Haul Truck:</u> CAT 730 Off-Road Haul Truck (for moving mulch)
<u>Passenger Vehicles:</u> 9 vehicles (1 – CEC, 8 – EFS),
<u>Miscellaneous Equipment:</u> 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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.
 - 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.
 - Expected contractors: None expected.
 - 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.

PHOTOGRAPHS



Photograph 1 – Warning Signs on Fence



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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 2704 Cherokee Farm Way, Suite 101
 Knoxville, Tennessee 37920
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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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and bucket</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Telehandler:</u> CAT 642 Telehandler</p> <p><u>Haul Truck:</u> CAT 730 Off-Road Haul Truck (for moving mulch)</p> <p><u>Passenger Vehicles:</u> 8 vehicles (1 – CEC, 7 – EFS),</p> <p><u>Fuel Tank:</u> Empty fuel cell (500 gallon, double-walled with leak detection)</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATC; Pull behind max power 40 generator; Connex box; Office trailer</p>

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> <u>Concrete</u> – 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.
 - 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.
 - Expected contractors: none expected.
 - Expected deliveries: concrete delivery for the truck lining 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.

PHOTOGRAPHS



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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 Knoxville, Tennessee 37920
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PAGE 1 OF 4
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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and bucket</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Telehandler:</u> CAT 642 Telehandler</p> <p><u>Haul Truck:</u> CAT 730 Off-Road Haul Truck (for moving mulch)</p> <p><u>Passenger Vehicles:</u> 8 vehicles (1 – CEC, 7 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon, double-walled with leak detection)</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer</p>

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • Off-road diesel fuel delivery

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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.

- Scope of day: posting no trespassing signs facing the stream side along the bank and moving mulch from the haul road areas.
- Expected contractors: None expected.
- 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.

PHOTOGRAPHS



Photograph 1 – Delivery of dry wheel wash station.

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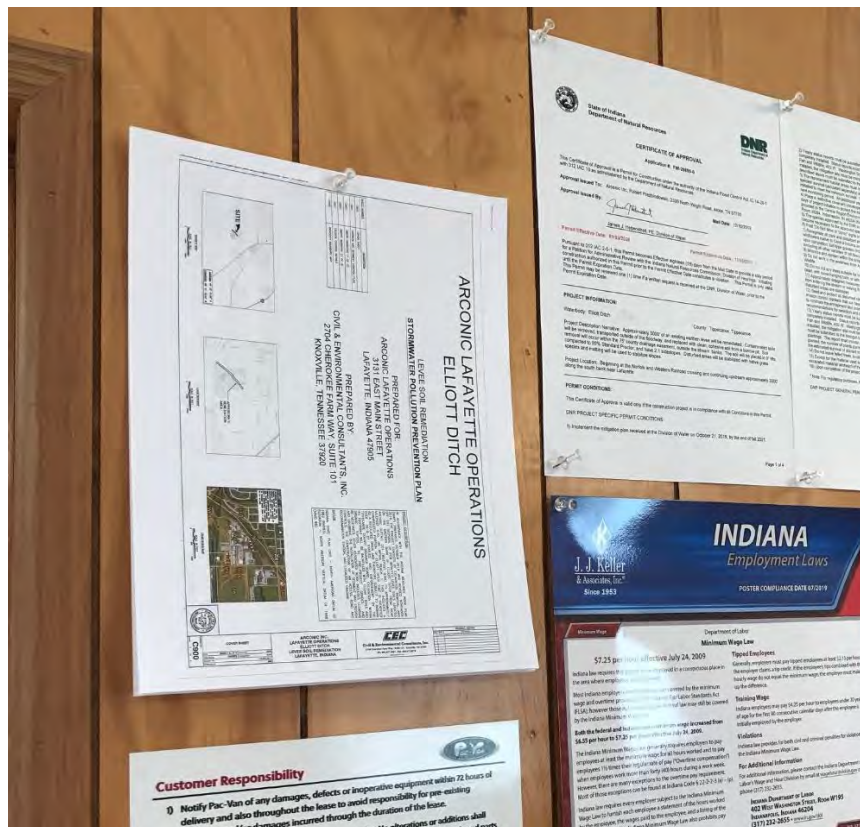
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Photograph 2 – Dumping of mulch.



Photograph 3 – SWPPP posting.



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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: 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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and bucket</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Telehandler:</u> CAT 642 Telehandler</p> <p><u>Haul Truck:</u> CAT 730 Off-Road Haul Truck (rental has ended, but remains onsite)</p> <p><u>Passenger Vehicles:</u> 7 vehicles (1 – CEC, 6 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer</p>

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • <u>Stone:</u> Virgin sourced (as required by 3.2.7 of EFS Work Plan) <ul style="list-style-type: none"> ○ Surge Stone – 11 deliveries = 217.26 tons ○ #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.
 - Scope of day: stone the entrance of the haul road (R&B Management Property) and install the dry wheel wash.
 - Expected contractors: None expected.
 - 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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PHOTOGRAPHS



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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 Knoxville, Tennessee 37920
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PAGE 1 OF 5
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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and bucket</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Tele-handler:</u> CAT 642 Tele-handler</p> <p><u>Passenger Vehicles:</u> 7 vehicles (1 – CEC, 6 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • <u>Stone:</u> Virgin sourced (as required by 3.2.7 of EFS Work Plan) <ul style="list-style-type: none"> ○ Surge Stone – 14 deliveries = 283.78 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)

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 is 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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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.
 - Scope of day: stone the entrance of the haul road (R&B Management Property)
 - Expected contractors: Mechanic to fix the tele-handler
 - 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.

PHOTOGRAPHS



Photograph 1 – "For Rent" sign near the laydown area.

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Photograph 2 – Installation of stone for the haul road entrance at R&B Management.

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Photograph 3 – Extended drainage pipe.



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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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and bucket</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Tele-handler:</u> CAT 642 Tele-handler</p> <p><u>Passenger Vehicles:</u> 8 vehicles (1 – CEC, 7 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • <u>Stone:</u> Virgin sourced (as required by 3.2.7 of EFS Work Plan) <ul style="list-style-type: none"> ○ #53 Stone – 14 deliveries = 286.32 tons • 40 mil HPD Liner – 25'x 300' = 7,500 sq. feet
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**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

PAGE 2 OF 4

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.
 - Scope of day: stone the entrance of the haul road (R&B Management Property).
 - Expected contractors: None.
 - Expected deliveries: Surge stone delivery at R&B Management for site entrance.

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

PAGE 3 OF 4

DATE: 5/7/2020

REPORT NO: 20

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 – Silt fence pulling off stakes due to roots and branches. Repairs completed.

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 2704 Cherokee Farm Way, Suite 101
 Knoxville, Tennessee 37920
 P: (865) 977-9997 F: (865) 977-9919

PAGE 1 OF 4
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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and bucket</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66” Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Tele-handler:</u> CAT 642 Tele-handler</p> <p><u>Passenger Vehicles:</u> 8 vehicles (1 – CEC, 7 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • <u>Stone:</u> Virgin sourced (as required by 3.2.7 of EFS Work Plan) <ul style="list-style-type: none"> ○ Surge Stone – 34 deliveries = 702.71 tons

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

PAGE 2 OF 4
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
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assessment before work each day. All personnel participated in the discussions and signed off on safety tailgate form.

- Scope of day: stone the haul road.
- Expected contractors: None.
- Expected deliveries: Surge stone delivery at R&B Management for haul road.

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 – 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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 2704 Cherokee Farm Way, Suite 101
 Knoxville, Tennessee 37920
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PAGE 1 OF 4
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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and bucket</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66” Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Tele-handler:</u> CAT 642 Tele-handler</p> <p><u>Passenger Vehicles:</u> 7 vehicles (1 – CEC, 6 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • <u>Stone:</u> Virgin sourced (as required by 3.2.7 of EFS Work Plan) <ul style="list-style-type: none"> ○ Surge Stone – 26 deliveries = 523.83 tons

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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

PAGE 2 OF 4

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.
 - Scope of day: stone the haul road.
 - Expected contractors: None.
 - Expected deliveries: Surge stone delivery at R&B Management for haul road.

UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS:

None

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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.

PHOTOGRAPHS



Photograph 1 – Shaping mulch to prevent sloughing.

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 5/9/2020

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Photograph 2 – Haul road construction.



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 2704 Cherokee Farm Way, Suite 101
 Knoxville, Tennessee 37920
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PAGE 1 OF 4
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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and bucket</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66” Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 7 vehicles (1 – CEC, 6 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer</p>

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • <u>Stone:</u> Virgin sourced (as required by 3.2.7 of EFS Work Plan) <ul style="list-style-type: none"> ○ Surge Stone – 22 deliveries = 441.08 tons • <u>Metal Scaffolding:</u> to be used for truck lining
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**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

PAGE 2 OF 4

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.
 - Scope of day: Stone the haul road.
 - Expected contractors: None.
 - Expected deliveries: Surge stone delivery at R&B Management for haul road.

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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 – Spreading stone at the turn-around near Area H.

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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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Photograph 2 – No trespassing sign (facing creek) and rope along creek bank.



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 2704 Cherokee Farm Way, Suite 101
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PAGE 1 OF 4
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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and bucket</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 7 vehicles (1 – CEC, 6 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • <u>Stone:</u> Virgin sourced (as required by 3.2.7 of EFS Work Plan) <ul style="list-style-type: none"> ○ Surge Stone – 3 deliveries = 62.06 tons ○ #53 Stone – 5 deliveries = 104.82 tons ○ INDOT #53 Crushed stone – 1 delivery = 21.08 tons ○ INDOT #2 Stone – 2 deliveries = 41.04 tons • <u>Off-road Diesel Fuel</u> – 400 gallons

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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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.
 - Scope of day: Finish haul road and build frack tank area.
 - Expected contractors: None.
 - Expected deliveries: Stone delivery for haul road.

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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 5/12/2020

REPORT NO: 24

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 – End of haul road.

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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 5/12/2020

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Photograph 2 – Frack tank pad.



Photograph 3 – Haul road turn around.



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 2704 Cherokee Farm Way, Suite 101
 Knoxville, Tennessee 37920
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PAGE 1 OF 4
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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 7 vehicles (1 – CEC, 6 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frack tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • <u>Stone:</u> Virgin sourced (as required by 3.2.7 of EFS Work Plan) <ul style="list-style-type: none"> ○ INDOT #2 Stone – 4 deliveries = 79.90 tons
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**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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 ≥ 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.
 - Scope of day: Construct the decon pad.
 - Expected contractors: E-Tank for frack tan delivery and set up.
 - Expected deliveries: Stone delivery decon pad.

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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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 – Establishment of the decon pad.

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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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Photograph 2 – Frack tank and water treatment equipment with secondary containment.



Photograph 3 – Completed decon pad.



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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 2704 Cherokee Farm Way, Suite 101
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PAGE 1 OF 3
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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 7 vehicles (1 – CEC, 6 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frack tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> <u>Fiber Wattles:</u> 2,500 sq. ft and 20 bundles of 2ft wooden stakes
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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 5/14/2020

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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 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.
 - Scope of day: Dress up site (mulch and move equipment)
 - Expected contractors: Sitech to install GPS models.
 - 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.

PHOTOGRAPHS



Photograph 1 – Stop sign at Concord Road.



Photograph 2 – Dry wheel wash surrounding stone grading.



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 2704 Cherokee Farm Way, Suite 101
 Knoxville, Tennessee 37920
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PAGE 1 OF 3
DATE: 5/15/2020
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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 7 vehicles (1 – CEC, 6 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATC; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • <u>None</u>

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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 5/15/2020
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OBSERVATIONS:

Site personnel includes:

- CEC – Jenny O’Brien (JO)
- EFS – Kevin Chapman (KC), Andrew Chapman (AC), Bryan Chapman (BC), 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 tarping, 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.
 - Scope of day: Prep for excavation.
 - Expected contractors: None.
 - 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.

PHOTOGRAPHS



Photograph 1 – One row of scaffolding for truck lining.



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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 2704 Cherokee Farm Way, Suite 101
 Knoxville, Tennessee 37920
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DATE: 5/18/2020
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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 9 vehicles (2 – CEC, 7 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • 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:
 - Five dump trucks arrived onsite. EFS completed lining of each truck using scaffolding.
 - 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.
 - 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.
 - 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.
 - 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
 - 4.2.1 - <50 and ≥RBROs PCBs
- 4.3 – Disposal of Impacted Soil
 - 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 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.
 - Expected contractors: None.
 - 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.

PHOTOGRAPHS



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
REPORT NO: 29

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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 10 vehicles (2 – CEC, 8 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frack tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • None
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DATE: 5/19/2020

REPORT NO: 29

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:
 - Nine dump trucks arrived onsite. EFS completed lining of each truck using scaffolding.
 - 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.
 - BC completed the excavation while CH confirmed elevations depths using GPS. CH 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)
- 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 5/19/2020

REPORT NO: 29

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
 - 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, 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.
 - Scope of day: Excavation of Area H and G.
 - Expected contractors: Fisher and Sitech.
 - 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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PHOTOGRAPHS



Photograph 1 – Loading truck.



Photograph 2 – Excavaton of Area G.



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 Knoxville, Tennessee 37920
 P: (865) 977-9997 F: (865) 977-9919

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DATE: 5/20/2020
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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 9 vehicles (2 – CEC, 7 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> None
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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 5/20/2020

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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:
 - Eight dump trucks arrived onsite. EFS completed lining of each truck using scaffolding.
 - 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.
 - 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.
 - 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.
 - 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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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
 - 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, 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.
 - Scope of day: Excavation of Area H and G.
 - Expected contractors: Fisher and Sitech.
 - 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 – Confirmation sampling of Area H



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 2704 Cherokee Farm Way, Suite 101
 Knoxville, Tennessee 37920
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DATE: 5/21/2020
REPORT NO: 31

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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 13 vehicles (3 – CEC, 10 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
--

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • 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.
 - 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.
 - 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.
 - 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
 - 4.2.1 - <50 and ≥RBROs PCBs
- 4.3 – Disposal of Impacted Soil
 - 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 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.
 - Scope of day: Excavation of Area F.
 - 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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PHOTOGRAPHS



Photograph 1 – Excavation of Area F



Photograph 2 – Checking elevations



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DATE: 5/22/2020
REPORT NO: 32

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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 10 vehicles (2 – CEC, 8 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • None
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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 5/22/2020
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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:
 - Ten dump trucks arrived onsite. EFS completed lining of each truck using scaffolding.
 - 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.
 - 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.
 - 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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
 - 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.
 - Scope of day: Excavation of Area F & E.
 - 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 – 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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DATE: 5/26/2020
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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 10 vehicles (2 – CEC, 8 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> None
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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 5/26/2020
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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.
- 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:
 - Eight dump trucks arrived onsite. EFS completed lining of each truck using scaffolding.
 - 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.
 - 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.
 - 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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CONTRACT LINE ITEMS PERFORMED:

- | |
|--|
| <p>4.0 Excavation and Disposal of Impacted Materials</p> <ul style="list-style-type: none">• 4.1 – Excavation of Impacted Materials• 4.2 – Transportation of Impacted Materials<ul style="list-style-type: none">○ 4.2.1 - <50 and ≥RBROs PCBs• 4.3 – Disposal of Impacted Soil<ul style="list-style-type: none">○ 4.3.1 - <50 and ≥RBROs PCBs <p>6.0 Erosion and Sedimentation Control</p> <ul style="list-style-type: none">• 6.1.1 – Installation and Maintenance of Erosion Control Features• 6.1.2 – Inspections |
|--|

COMMUNICATION:

- | |
|---|
| <p>MEETINGS / DISCUSSIONS:</p> <ul style="list-style-type: none">• 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.<ul style="list-style-type: none">○ Scope of day: Excavation of Area D.○ Expected contractors: None.○ Expected deliveries: None. |
|---|

<p>UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None</p>
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<p>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.</p>
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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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DATE: 5/27/2020
REPORT NO: 34

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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 10 vehicles (2 – CEC, 8 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> None
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DAILY FIELD OBSERVATION REPORT

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

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DATE: 5/27/2020
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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), 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:
 - Two dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
 - Three semi-trucks arrived onsite for the ≥50 ppm material. Trucks arrived pre-lined. Drivers tarp after loading.
 - 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.
 - 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)	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
 - 4.2.1 - <50 and ≥RBROs PCBs
 - 4.2.2 - ≥50 ppm PCBs
- 4.3 – Disposal of Impacted Soil
 - 4.3.1 - <50 and ≥RBROs PCBs
 - 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.
 - Scope of day: Excavation of Area D.
 - 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 – DOT Placarding.



Photograph 2 – Loading Heritage truck.

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Photograph 3 – Excavator on liner within the >50ppm area.



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 Knoxville, Tennessee 37920
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DATE: 5/28/2020
REPORT NO: 35

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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 10 vehicles (2 – CEC, 8 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> 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:
 - Five semi-trucks arrived onsite for the ≥ 50 ppm material. Trucks arrived pre-lined. Drivers tarp after loading.
 - 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.
 - 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.
 - Landfill rain delay from 0805 – 0935.
 - 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
 - 4.2.1 - <50 and ≥RBROs PCBs
 - 4.2.2 - ≥50 ppm PCBs
- 4.3 – Disposal of Impacted Soil
 - 4.3.1 - <50 and ≥RBROs PCBs
 - 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.
 - Scope of day: Excavation of Area D.
 - 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 – Loading semi-truck



Photograph 2 – Truck traveling across rumble strips



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DATE: 5/29/2020
REPORT NO: 36

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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 10 vehicles (2 – CEC, 8 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> 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:
 - Five semi-trucks arrived onsite for the ≥ 50 ppm material. Trucks arrived pre-lined. Drivers tarp after loading.
 - 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.
 - 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)	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
 - 4.2.1 - <50 and ≥RBROs PCBs
 - 4.2.2 - ≥50 ppm PCBs
- 4.3 – Disposal of Impacted Soil
 - 4.3.1 - <50 and ≥RBROs PCBs
 - 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.
 - Scope of day: Excavation of Area D.
 - 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 – 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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DATE: 6/1/2020
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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 10 vehicles (2 – CEC, 8 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> None
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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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:
 - Six semi-trucks arrived onsite for the ≥ 50 ppm material. Trucks arrived pre-lined. Drivers tarp after loading.
 - 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.
 - 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)	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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REPORT NO: 37

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
 - 4.2.1 - <50 and ≥RBROs PCBs
 - 4.2.2 - ≥50 ppm PCBs
- 4.3 – Disposal of Impacted Soil
 - 4.3.1 - <50 and ≥RBROs PCBs
 - 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.
 - Scope of day: Excavation of Area D.
 - Expected contractors: None.
 - 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

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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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input checked="" type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 9 vehicles (1 – CEC, 8 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> None
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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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:
 - Six semi-trucks arrived onsite for the ≥ 50 ppm material. Trucks arrived pre-lined. Drivers tarp after loading.
 - 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.
 - 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)	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
 - 4.2.2 - ≥ 50 ppm PCBs
- 4.3 – Disposal of Impacted Soil
 - 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.
 - Scope of day: Excavation of Area D.
 - 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 – Area D excavation.



Photograph 2 – Weepers to convey water for the haul road.



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 Knoxville, Tennessee 37920
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DATE: 6/3/2020
REPORT NO: 39

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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input checked="" type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 9 vehicles (1 – CEC, 8 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> 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:
 - Four semi-trucks arrived onsite for the ≥ 50 ppm material. Trucks arrived pre-lined. Drivers tarp after loading.
 - 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.
 - 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 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 < 50 ppm bucket.
 - 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
 - 4.2.2 - ≥ 50 ppm PCBs
- 4.3 – Disposal of Impacted Soil
 - 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.
 - Scope of day: Excavation of Area D and Area C.
 - 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 – Water truck dust suppression.



Photograph 2 – Loading ≥ 50 ppm material.

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Photograph 3 – Excavation of Area C.



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PAGE 1 OF 5
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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 10 vehicles (2 – CEC, 8 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> 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:
 - Ten dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
 - 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.
 - 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.
 - EFS switched the excavator bucket back to the ≥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
 - 4.2.1 - <50 and ≥RBROs PCBs
- 4.3 – Disposal of Impacted Soil
 - 4.3.1 - <50 and ≥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.
 - Scope of day: Excavation of Area C.
 - Expected contractors: Fisher
 - 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 C excavation.



Photograph 2 – Loading trucks.

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Photograph 3 – Truck tarping after being loaded.



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PAGE 1 OF 4
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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input checked="" type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 9 vehicles (1 – CEC, 8 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> None
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DATE: 6/5/2020
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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 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:
 - Six semi-trucks arrived onsite for the ≥ 50 ppm material. EFS completed lining of the dump trucks using scaffolding.
 - 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.
 - 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)	0	3,731.9
Truckloads	0	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)	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
 - ED-DU10 - 0.5 – Composite (6 inch depth): <1.0 mg/kg PCB
 - 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
 - 4.2.2 - ≥ 50 ppm PCBs
- 4.3 – Disposal of Impacted Soil
 - 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.
 - Scope of day: Excavation of Area B.
 - Expected contractors: None.
 - 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

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 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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 9 vehicles (1 – CEC, 8 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> Backfill (from Purdy Materials) – 30 loads = 616.39 tons
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DATE: 6/8/2020
REPORT NO: 42

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:
 - Five semi-trucks arrived onsite for the ≥ 50 ppm material. Trucks arrived pre-lined. Trucks tarped following loading.
 - The excavator bucket for ≥ 50 ppm material was gross decontaminated and the material was loaded with the last semi-truck.
 - Seven dump trucks arrived onsite for the < 50 ppm material. EFS completed lining of the dump trucks using scaffolding. EFS changed excavator buckets.
 - 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.
 - 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
 - 4.2.1 - < 50 and \geq RBROs PCBs
 - 4.2.2 - ≥ 50 ppm PCBs
- 4.3 – Disposal of Impacted Soil
 - 4.3.1 - < 50 and \geq RBROs PCBs
 - 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.
 - Scope of day: Excavation of Area B.
 - Expected contractors: Patriot.
 - 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 – Backfill of DU08



Photograph 2 – Spreading and rolling backfill

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Photograph 3 – Excavating Area B



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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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 10 vehicles (2 – CEC, 8 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>

MATERIAL DELIVERED ONSITE:

- | |
|--|
| <ul style="list-style-type: none"> • Backfill (from Purdy Materials) – 23 loads = 480.04 tons |
|--|

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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

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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.
 - 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.
 - 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.
 - EFS hand dug within a foot of the sanitary sewers in Area B.
 - 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
 - 4.2.1 - <50 and ≥RBROs PCBs
- 4.3 – Disposal of Impacted Soil
 - 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, 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.
 - Scope of day: Excavation of Area B.
 - 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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PHOTOGRAPHS



Photograph 1 – Backfill of DU08



Photograph 2 – Gross decontamination of the excavator tracks



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 Knoxville, Tennessee 37920
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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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 10 vehicles (2 – CEC, 8 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • None
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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.
 - 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.
 - 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.
 - 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.
 - A mechanic arrived onsite to install a straight edge on one of the buckets to assist with the over excavation.
 - 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
 - 4.2.1 - <50 and ≥RBROs PCBs
- 4.3 – Disposal of Impacted Soil
 - 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.
 - Expected contractors: Mechanic to add straight edge to excavator bucket.
 - 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 – 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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input checked="" type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 9 vehicles (1 – CEC, 8 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> None
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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

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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:
 - 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.
 - 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.
 - 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.
 - At the end of Area H, the excavator was tracked on liner on the haul road around the no dig area.
 - 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.
 - 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:
 - ED-DU07 - 0.5 – Composite (6 inch depth): <1.0 mg/kg PCB
 - ED-DU07 – 1.0 – Composite (6 inch depth): <1.0 mg/kg PCB
- DU06:
 - 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
 - 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.
 - Scope of day: Over-excavation of G, F
 - 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 – 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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Knoxville, Tennessee 37920
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PAGE 1 OF 4
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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input checked="" type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 9 vehicles (1 – CEC, 8 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none">• None
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**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 6/12/2020
REPORT NO: 46

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.
 - Six dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
 - 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.
 - 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.
 - At the end of Area H, the excavator was tracked on liner on the haul road around the no dig area.
 - 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.
 - 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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:
 - 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 \geq RBROs PCBs
- 4.3 – Disposal of Impacted Soil
 - 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.
 - Scope of day: Over-excavation of E and D
 - Expected contractors: None.
 - Expected deliveries: None.

UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: None

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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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.

PHOTOGRAPHS



Photograph 1 – Backfill of DU08 (Area F)



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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
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 Knoxville, Tennessee 37920
 P: (865) 977-9997 F: (865) 977-9919

PAGE 1 OF 5
DATE: 6/15/2020
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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 9 vehicles (1 – CEC, 8 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
--

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> None
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DAILY FIELD OBSERVATION REPORT

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

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DATE: 6/15/2020
REPORT NO: 47

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:
 - The Area D (DU06 and DU07) was over-excavated an additional 6 inches to elevation 634.5.
 - Two Heritage semi-truck arrived onsite for the berm removal of ≥ 50 ppm material in Area D. Truck arrived pre-lined. Trucks tarpred following loading.
 - The excavator bucket was gross decontaminated after excavation of the ≥ 50 ppm.
 - Eight dump trucks arrived onsite for the < 50 ppm material. EFS completed lining of the dump trucks using scaffolding.
 - 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.
 - 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)	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
 - 4.2.1 - <50 and ≥RBROs PCBs
 - 4.2.2 - ≥50 ppm PCBs
- 4.3 – Disposal of Impacted Soil
 - 4.3.1 - <50 and ≥RBROs PCBs
 - 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.
 - Scope of day: Over-excavation Area D
 - 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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PHOTOGRAPHS



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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 Knoxville, Tennessee 37920
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PAGE 1 OF 5
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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 9 vehicles (1 – CEC, 8 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
--

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • None
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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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 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:
 - 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.
 - 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.
 - 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)	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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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
 - 4.2.1 - <50 and ≥RBROs PCBs
- 4.3 – Disposal of Impacted Soil
 - 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.
 - Scope of day: Over-excavation Area C.
 - 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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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DATE: 6/17/2020
REPORT NO: 49

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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input checked="" type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 9 vehicles (1 – CEC, 8 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> None
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**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 6/17/2020
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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.
 - Note – Area B lab results were due on 6/16. However, lab is delayed and results are expected 6/17.
 - Six dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
 - 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.
 - 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.
 - 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.
 - EFS installed straw wattles along the bank of completed excavation at the end of the day.
 - 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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- Confirmation Sample Location: DU05_2
- Additional Samples: None

Laboratory Reports: See attachments for results.

- DU03:
 - 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
 - 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 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.
 - Scope of day: Over-excavation Area C.
 - 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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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PAGE 1 OF 3
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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input checked="" type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 8 vehicles (2 – CEC, 6 – EFS)</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • None
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**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

PAGE 2 OF 3
DATE: 6/18/2020
REPORT NO: 50

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:
 - 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:
 - All samples > 1.0 kg/mg PCBs (Failed – over excavation required)
- DU01:
 - All samples > 1.0 kg/mg PCBs (Failed – over excavation required)
- DU11_02:
 - All samples < 1.0 kg/mg PCBs (Passed – over excavation not required)

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

PAGE 3 OF 3

DATE: 6/18/2020

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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.
 - Scope of day: Remove silt fence at Arconic facility.
 - 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.



DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 2704 Cherokee Farm Way, Suite 101
 Knoxville, Tennessee 37920
 P: (865) 977-9997 F: (865) 977-9919

PAGE 1 OF 5
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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input checked="" type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 9 vehicles (1 – CEC, 8 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> None
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**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 6/19/2020
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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:
 - The first half of Area B (DU03) was over-excavated an additional 12 inches to elevation 636.7.
 - Seven dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
 - 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.
 - 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)	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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 6/19/2020

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Laboratory Reports: See attachments for results.

- DU10_02:
 - 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
 - 4.2.1 - <50 and ≥RBROs PCBs
- 4.3 – Disposal of Impacted Soil
 - 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 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.
 - Scope of day: Over-excavation Area B.
 - 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 6/19/2020

REPORT NO: 51

PHOTOGRAPHS



Photograph 1 – Over-excavating in Area B



Photograph 2 – Loading dump trucks

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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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Photograph 3 – Dump truck driving over rubble strips



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PAGE 1 OF 5
DATE: 6/22/2020
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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input checked="" type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 9 vehicles (1 – CEC, 8 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> None
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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

PAGE 2 OF 5
DATE: 6/22/2020
REPORT NO: 52

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:
 - Area B (DU03 and DU02) was over-excavated an additional 12 inches to elevation 636.7.
 - Six dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
 - 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.
 - 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)	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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 6/22/2020

REPORT NO: 52

Laboratory Reports: See attachments for results.

- DU 09_02:
 - 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
 - 4.2.1 - <50 and ≥RBROs PCBs
- 4.3 – Disposal of Impacted Soil
 - 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.
 - Scope of day: Over-excavation Area B.
 - 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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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PAGE 1 OF 5
DATE: 6/23/2020
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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input checked="" type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 10 vehicles (2 – CEC, 8 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • Backfill (from Purdy Materials) – 26 loads = 534.71 tons
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DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

PAGE 2 OF 5
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.
 - 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.
 - 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.
 - 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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	2,725.77
Truckloads	0	115

Backfill:

- Location: Area H (DU 11)
- Additional Notes:
 - DP backfilled using GPS driven equipment (dozer and roller).
 - 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:
 - 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
 - 4.2.1 - < 50 and \geq RBROs PCBs
- 4.3 – Disposal of Impacted Soil
 - 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.
 - Scope of day: Over-excavation Area B and A.
 - Expected contractors: Fisher and Patriot.
 - Expected deliveries: Backfill.

**DAILY FIELD OBSERVATION REPORT
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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.

**DAILY FIELD OBSERVATION REPORT
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Photograph 3 – Grading backfill in Area H.



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PAGE 1 OF 4
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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input checked="" type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 9 vehicles (2 – CEC, 7 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> Backfill (from Purdy Materials) – 10 loads = 207.16 tons
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**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 6/24/2020
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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 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:
 - 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.
 - 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.
 - 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.
 - 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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Backfill:

- Location: Area H (DU 11)
- Additional Notes:
 - One dump trucks arrived onsite with backfill from Purdy Materials.
 - SC backfilled using GPS driven equipment (dozer) and CH rolled the backfill.
 - 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:
 - 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
 - 4.2.1 - <50 and ≥RBROs PCBs
- 4.3 – Disposal of Impacted Soil
 - 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, 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.
 - 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 6/24/2020

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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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 2704 Cherokee Farm Way, Suite 101
 Knoxville, Tennessee 37920
 P: (865) 977-9997 F: (865) 977-9919

PAGE 1 OF 5
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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input checked="" type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 8 vehicles (1 – CEC, 7 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frac Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> None
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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

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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:
 - 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.
 - Five dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
 - 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.
 - 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.
 - EFS installed straw wattles along the bank of completed excavation at the end of the day.
 - 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:
 - 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
 - 4.2.1 - <50 and ≥RBROs PCBs
- 4.3 – Disposal of Impacted Soil
 - 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.
 - Scope of day: Over-excavation Area F & E.
 - 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.

PHOTOGRAPHS



Photograph 1 – Gross decontamination of excavator tracks.



Photograph 2 – Haul truck passing through rubble strips.

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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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Photograph 3 – Tracking the excavator back to Area C (spotters helping due to overhead telecommunication line).



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 Knoxville, Tennessee 37920
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PAGE 1 OF 5
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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input checked="" type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66” Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 8 vehicles (1 – CEC, 7 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frac Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • Backfill (from Purdy Materials) – 21 loads = 423 tons

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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 6/26/2020
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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 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:
 - Two dump trucks arrived onsite with backfill from Purdy Materials.
 - SC backfilled using GPS driven equipment (dozer) and CC rolled the backfill.
 - 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.
 - EFS installed straw wattles along the bank of the backfill area at the end of the day.

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DATE: 6/26/2020

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Sampling:

- Confirmation Sample Location: DU09_03.
- Additional Samples: None.

Laboratory Reports: See attachments for results.

- DU04_02:
 - 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.
 - Scope of day: Backfill of Area D
 - Expected contractors: Fisher.
 - 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 – 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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PAGE 1 OF 4
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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 8 vehicles (1 – CEC, 7 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frack Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • Backfill (from Purdy Materials) – 26 loads = 530.12 tons
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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

PAGE 2 OF 4
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:
 - 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:
 - Two dump trucks arrived onsite with backfill from Purdy Materials.
 - SC backfilled using GPS driven equipment (dozer) and DP rolled the backfill.
 - 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.

- 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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PHOTOGRAPHS



Photograph 1 – Backfill trucks driving across rumble strips prior to leaving site



Photograph 2 – Backfill in Area D



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 Knoxville, Tennessee 37920
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PAGE 1 OF 6
DATE: 6/30/2020
REPORT NO: 58

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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 8 vehicles (1 – CEC, 7 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Frac Tank & Equipment:</u> Frac tank (21,000 gallons); carbon vessel (1,000 lb); 12 cartridge filtration system (with bags); flow meter; secondary containment</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> 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:
 - Area C (DU04) was over-excavated an additional 6 inches to elevation 637.0.
 - Six dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
 - 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.
 - 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)	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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- 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.
- Two dump trucks arrived onsite around 1300 with backfill from Purdy Materials.
- SC backfilled using GPS driven equipment (dozer) and DP rolled the backfill.
- 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 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
 - 4.2.1 - <50 and ≥RBROs PCBs
- 4.3 – Disposal of Impacted Soil
 - 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.
 - Scope of day: Over-excavation Area C and 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

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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.

PHOTOGRAPHS



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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Knoxville, Tennessee 37920
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DATE: 7/1/2020
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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets
<u>Dozer:</u> CAT D5 Dozer (with GPS)
<u>Roller:</u> CAT 66" Smooth Drum Roller
<u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)
<u>Passenger Vehicles:</u> 9 vehicles (1 – CEC, 7 – EFS),
<u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)
<u>Frac Tank & Equipment:</u> Removed from rent on 6/30.
<u>Miscellaneous Equipment:</u> 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 style="list-style-type: none">• 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.
 - 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:
 - Due to the heavy rain overnight, backfilling was delayed.
 - Two dump trucks arrived onsite at 1100 with backfill from Purdy Materials.
 - SC backfilled using GPS driven equipment (dozer) and DP rolled the backfill.
 - 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:
 - All sample results < 1.0 kg/mg PCBs (Passed– over excavation not required)
- DU02_02:
 - 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.
 - 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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PHOTOGRAPHS



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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 Knoxville, Tennessee 37920
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DATE: 7/2/2020
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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 8 vehicles (1 – CEC, 7 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • 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:
 - 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.
 - Seven dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
 - 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.
 - 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.
 - 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.
 - 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:
 - Two dump trucks arrived onsite around 1300 with backfill from Purdy Materials.
 - SC backfilled using GPS driven equipment (dozer) and CH rolled the backfill.
 - 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: DU04
 - Additional Samples: None.

Laboratory Reports: See attachments for results.

- DU01_02:
 - 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
 - 4.2.1 - <50 and ≥RBROs PCBs
- 4.3 – Disposal of Impacted Soil
 - 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, 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.
 - Scope of day: Over-excavation Area C & B and 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

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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.

PHOTOGRAPHS



Photograph 1 –Grading and rolling backfill in Area D



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 Knoxville, Tennessee 37920
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PAGE 1 OF 4
DATE: 7/6/2020
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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 8 vehicles (1 – CEC, 7 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • Backfill (from Purdy Materials) – 30 loads = 602.14 tons
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DATE: 7/6/2020
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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:
 - Area B(a) (DU02) was over-excavated an additional 24 inches to elevation 634.7.
 - Six dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
 - AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety, if applicable.
 - 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. .
 - 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:
 - SC backfilled using GPS driven equipment (dozer) and CH rolled the backfill.

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- 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_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
 - 4.2.1 - <50 and ≥RBROs PCBs
- 4.3 – Disposal of Impacted Soil
 - 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
- 6.2.3 - 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.
 - Scope of day: Over-excavation Area B and 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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PHOTOGRAPHS

Photograph 1 – Backfill of Area D





DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 2704 Cherokee Farm Way, Suite 101
 Knoxville, Tennessee 37920
 P: (865) 977-9997 F: (865) 977-9919

PAGE 1 OF 4
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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 8 vehicles (1 – CEC, 7 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • Backfill (from Purdy Materials) – 16 loads = 326.10 tons
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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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), 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:
 - Area B(a) (DU02) was over-excavated an additional 24 inches to elevation 634.7.
 - Six dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
 - AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety, if applicable.
 - 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. .
 - 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:
 - SC backfilled using GPS driven equipment (dozer) and CH rolled the backfill.

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- 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.

- 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
 - 4.2.1 - <50 and ≥RBROs PCBs
- 4.3 – Disposal of Impacted Soil
 - 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.
 - Scope of day: Over-excavation Area B and 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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PHOTOGRAPHS

Photograph 1 – Backfill delivery in Area D.





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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
2704 Cherokee Farm Way, Suite 101
Knoxville, Tennessee 37920
P: (865) 977-9997 F: (865) 977-9919

PAGE 1 OF 4
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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets
<u>Dozer:</u> CAT D5 Dozer (with GPS)
<u>Roller:</u> CAT 66" Smooth Drum Roller
<u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)
<u>Passenger Vehicles:</u> 8 vehicles (1 – CEC, 7 – EFS),
<u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)
<u>Miscellaneous Equipment:</u> 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 style="list-style-type: none">• Backfill (from Purdy Materials) – 21 Loads = 407.96 tons
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DAILY FIELD OBSERVATION REPORT

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

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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)

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:
 - Area G (DU10) was over-excavated an additional 12 inches to elevation 634.3.
 - Six dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
 - AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety, if applicable.
 - 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. .
 - 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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- Additional Notes:
 - KC backfilled using GPS driven equipment (dozer) and CH rolled the backfill.
 - 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: DU02_03
 - Additional Samples: None.

Laboratory Reports: See attachments for results.

- DU07_03:
 - 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
 - 4.2.1 - <50 and ≥RBROs PCBs
- 4.3 – Disposal of Impacted Soil
 - 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.
 - Scope of day: Over-excavation Area F and 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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PHOTOGRAPHS

Photograph 1 – Completed over-excavation in Area G





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2704 Cherokee Farm Way, Suite 101
Knoxville, Tennessee 37920
P: (865) 977-9997 F: (865) 977-9919

PAGE 1 OF 4
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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input checked="" type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets
<u>Dozer:</u> CAT D5 Dozer (with GPS)
<u>Roller:</u> CAT 66" Smooth Drum Roller
<u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)
<u>Passenger Vehicles:</u> 8 vehicles (1 – CEC, 7 – EFS),
<u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)
<u>Miscellaneous Equipment:</u> 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 style="list-style-type: none">• Backfill (from Purdy Materials) – 22 Loads = 447.19 tons
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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

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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)

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:
 - Area F (DU09) was over-excavated an additional 12 inches to elevation 634.3.
 - Six dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
 - AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety, if applicable.
 - 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. .
 - 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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Backfill:

- Location: Area D (DU06 and DU05)
- Additional Notes:
 - KC backfilled using GPS driven equipment (dozer) and CH rolled the backfill.
 - 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: DU10_04
 - Additional Samples: None.

Laboratory Reports:

- DU07_03:
 - 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
 - 4.2.1 - <50 and ≥RBROs PCBs
- 4.3 – Disposal of Impacted Soil
 - 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.
 - Scope of day: Over-excavation Area F and 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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PHOTOGRAPHS

Photograph 1 – Excavation in Area F.





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 2704 Cherokee Farm Way, Suite 101
 Knoxville, Tennessee 37920
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PAGE 1 OF 4
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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input checked="" type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)</p> <p><u>Passenger Vehicles:</u> 8 vehicles (1 – CEC, 7 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
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MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> • Backfill (from Purdy Materials) – 21 Loads = 426.27 tons
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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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:
 - Area F (DU09) was over-excavated an additional 12 inches to elevation 634.5.
 - Six dump trucks arrived onsite for the <50 ppm material. EFS completed lining of the dump trucks using scaffolding.
 - AC provided each new driver with the shipping paper, haul route & site map, and instructions for site safety, if applicable.
 - 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. .
 - 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:
 - SC backfilled using GPS driven equipment (dozer) and CH rolled the backfill.
 - 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: Laboratory Reports: See attachments for results.

- DU04_03:
 - 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
 - 4.2.1 - <50 and ≥RBROs PCBs
- 4.3 – Disposal of Impacted Soil
 - 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.
 - Scope of day: Over-excavation Area F and backfill of Area B.
 - 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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PHOTOGRAPHS

Photograph 1 – Excavation of Area F (DU09).





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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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<u>Excavator:</u> CAT 336 Excavator (with GPS) and 2 buckets
<u>Dozer:</u> CAT D5 Dozer (with GPS)
<u>Roller:</u> CAT 66" Smooth Drum Roller
<u>Skid-steer:</u> CAT 279 Skid Steer (forks and pickup broom)
<u>Passenger Vehicles:</u> 5 vehicles (2 – CEC, 3 – EFS),
<u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)
<u>Miscellaneous Equipment:</u> 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):									
<table border="1"> <thead> <tr> <th>Backfill Amounts</th> <th>Daily</th> <th>To Date</th> </tr> </thead> <tbody> <tr> <td>Backfill Delivered (tons)</td> <td>701.26</td> <td>6,993.58</td> </tr> <tr> <td>Truckloads</td> <td>34</td> <td>341</td> </tr> </tbody> </table>	Backfill Amounts	Daily	To Date	Backfill Delivered (tons)	701.26	6,993.58	Truckloads	34	341
Backfill Amounts	Daily	To Date							
Backfill Delivered (tons)	701.26	6,993.58							
Truckloads	34	341							

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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:
 - SC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
 - 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: DU09
 - 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.
 - Scope of day: Backfill of Area B.
 - Expected contractors: Fisher.
 - 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 – 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 2704 Cherokee Farm Way, Suite 101
 Knoxville, Tennessee 37920
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DATE: 7/14/2020
REPORT NO: 67

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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
---------------------------------------	---	---------------------------------	--------------------------------------

EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 1 bucket</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks)</p> <p><u>Passenger Vehicles:</u> 4 vehicles (1 – CEC, 3 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
--

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> Backfill (from Purdy Materials): <table border="1" data-bbox="272 1745 1044 1864"> <thead> <tr> <th>Backfill Amounts</th> <th>Daily</th> <th>To Date</th> </tr> </thead> <tbody> <tr> <td>Backfill Delivered (tons)</td> <td>628.12</td> <td>7,621.70</td> </tr> <tr> <td>Truckloads</td> <td>30</td> <td>371</td> </tr> </tbody> </table> 	Backfill Amounts	Daily	To Date	Backfill Delivered (tons)	628.12	7,621.70	Truckloads	30	371
Backfill Amounts	Daily	To Date							
Backfill Delivered (tons)	628.12	7,621.70							
Truckloads	30	371							

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 7/14/2020
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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 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 ≥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:
 - SC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
 - 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.

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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 7/14/2020

REPORT NO: 67

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.
 - Scope of day: Backfill of Area B and Area C.
 - 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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PHOTOGRAPHS



Photograph 1 – Backfill of Area C (DU04)



Photograph 2 – Dust suppression activities.



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 2704 Cherokee Farm Way, Suite 101
 Knoxville, Tennessee 37920
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DATE: 7/15/2020
REPORT NO: 68

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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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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):		
Backfill Amounts	Daily	To Date
Backfill Delivered (tons)	641.59	8,263.29
Truckloads	31	402

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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:
 - SC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
 - 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:

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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.
 - Scope of day: Backfill of Area B and Area C.
 - 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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PHOTOGRAPHS



Photograph 1 – Backfill of Area C (DU04)



Photograph 2 – Dust supression of haul road



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 2704 Cherokee Farm Way, Suite 101
 Knoxville, Tennessee 37920
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DATE: 7/16/2020
REPORT NO: 69

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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 1 bucket</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks)</p> <p><u>Passenger Vehicles:</u> 4 vehicles (1 – CEC, 3 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
--

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> Backfill (from Purdy Materials): <table border="1" data-bbox="272 1745 1044 1864"> <thead> <tr> <th>Backfill Amounts</th> <th>Daily</th> <th>To Date</th> </tr> </thead> <tbody> <tr> <td>Backfill Delivered (tons)</td> <td>0</td> <td>8,263.29</td> </tr> <tr> <td>Truckloads</td> <td>0</td> <td>402</td> </tr> </tbody> </table> 	Backfill Amounts	Daily	To Date	Backfill Delivered (tons)	0	8,263.29	Truckloads	0	402
Backfill Amounts	Daily	To Date							
Backfill Delivered (tons)	0	8,263.29							
Truckloads	0	402							

DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

PAGE 2 OF 4
DATE: 7/16/2020
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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.
- 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 dug 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)

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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.
 - Scope of day: Rain caused backfill areas to be wet to backfill. Haul road maintenance.
 - 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.

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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PHOTOGRAPHS



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

Location	Sample ID	Date	PCB Aroclor (mg/Kg)						Total PCBs (mg/Kg)	
			1016	1221	1232	1242	1248	1254		1260
DU11	ED-DU11- Primary - Composite	5/19/2020	ND	ND	ND	ND	4.66	ND	ND	4.66
	ED-DU11- Primary - DUP	5/19/2020	ND	ND	ND	ND	3.11	ND	ND	3.11
	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
DU10	ED-DU10- Primary - Composite	5/20/2020	ND	ND	ND	ND	15.1	ND	ND	15.1
	ED-DU10- Secondary - Composite	5/20/2020	ND	ND	ND	ND	11.0	ND	ND	11.0
	ED-DU10- Tertiary - Composite	5/20/2020	ND	ND	ND	ND	17.5	ND	ND	17.5
DU09	ED-DU09- Primary - Composite	5/21/2020	ND	ND	ND	ND	2.74	ND	ND	2.74
	ED-DU09- Secondary - Composite	5/21/2020	ND	ND	ND	ND	2.11	ND	ND	2.11
	ED-DU09- Tertiary - Composite	5/21/2020	ND	ND	ND	ND	1.60	ND	ND	1.60
DU08	ED-DU08- Primary - Composite	5/22/2020	ND	ND	ND	ND	ND	ND	ND	ND
	ED-DU08- Secondary - Composite	5/22/2020	ND	ND	ND	ND	ND	ND	ND	ND
	ED-DU08- Tertiary - Composite	5/22/2020	ND	ND	ND	ND	ND	ND	ND	ND
DU07	ED-DU07- Primary - Composite	5/26/2020	ND	ND	ND	ND	10.5	ND	ND	10.5
	ED-DU07- Secondary - Composite	5/26/2020	ND	ND	ND	ND	23.1	ND	ND	23.1
	ED-DU07- Tertiary - Composite	5/26/2020	ND	ND	ND	ND	27.7	ND	ND	27.7
DU06	ED-DU06- Primary - Composite	6/3/2020	ND	ND	ND	ND	1.15	ND	ND	1.15
	ED-DU06- Secondary - Composite	6/3/2020	ND	ND	ND	ND	1.74	ND	ND	1.74
	ED-DU06- Tertiary - Composite	6/3/2020	ND	ND	ND	ND	1.11	ND	ND	1.11
DU05	ED-DU05- Primary - Composite	6/4/2020	ND	ND	ND	ND	ND	ND	ND	ND
	ED-DU05- Secondary - Composite	6/4/2020	ND	ND	ND	ND	3.85	ND	ND	3.85
	ED-DU05- Tertiary - Composite	6/4/2020	ND	ND	ND	ND	1.34	ND	ND	1.34
DU04	ED-DU04- Primary - Composite	6/4/2020	ND	ND	ND	ND	9.06	ND	ND	9.06
	ED-DU04- Secondary - Composite	6/4/2020	ND	ND	ND	ND	19.7	ND	ND	19.7
	ED-DU04- Tertiary - Composite	6/4/2020	ND	ND	ND	ND	10.2	ND	ND	10.2
DU03	ED-DU03- Primary - Composite	6/8/2020	ND	ND	ND	ND	3.20	ND	ND	3.20
	ED-DU03- Primary - DUP	6/8/2020	ND	ND	ND	ND	2.96	ND	ND	2.96
	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
DU02	ED-DU02- Primary - Composite	6/10/2020	ND	ND	ND	ND	3.66	ND	ND	3.66
	ED-DU02- Secondary - Composite	6/10/2020	ND	ND	ND	ND	3.21	ND	ND	3.21
	ED-DU02- Tertiary - Composite	6/10/2020	ND	ND	ND	ND	8.93	ND	ND	8.93
DU01	ED-DU01- Primary - Composite	6/10/2020	ND	ND	ND	ND	2.01	ND	ND	2.01
	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
DU11_02	ED-DU11_02- Primary - Composite	6/10/2020	ND	ND	ND	ND	ND	ND	ND	ND
	ED-DU11_02- Secondary - Composite	6/10/2020	ND	ND	ND	ND	ND	ND	ND	ND
	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

Location	Sample ID	Date	PCB Aroclor (mg/Kg)						Total PCBs (mg/Kg)	
			1016	1221	1232	1242	1248	1254		1260
DU10_02	ED-DU10_02- Primary - Composite	6/11/2020	ND	ND	ND	ND	2.85	ND	ND	2.85
	ED-DU10_02- Secondary - Composite	6/11/2020	ND	ND	ND	ND	2.37	ND	ND	2.37
	ED-DU10_02- Tertiary - Composite	6/11/2020	ND	ND	ND	ND	4.75	ND	ND	4.75
DU09_02	ED-DU09_02- Primary - Composite	6/12/2020	ND	ND	ND	ND	1.02	ND	ND	1.02
	ED-DU09_02- Secondary - Composite	6/12/2020	ND	ND	ND	ND	1.23	ND	ND	1.23
	ED-DU09_02- Secondary - DUP	6/12/2020	ND	ND	ND	ND	1.43	ND	ND	1.43
	ED-DU09_02- Tertiary - Composite	6/12/2020	ND	ND	ND	ND	ND	ND	ND	ND
DU07_02	ED-DU07_02- Primary - Composite	6/15/2020	ND	ND	ND	ND	ND	ND	ND	ND
	ED-DU07_02- Secondary - Composite	6/16/2020	ND	ND	ND	ND	1.63	ND	ND	1.63
	ED-DU07_02- Tertiary - Composite	6/16/2020	ND	ND	ND	ND	1.28	ND	ND	1.28
DU06_02	ED-DU06_02- Primary - Composite	6/16/2020	ND	ND	ND	ND	ND	ND	ND	ND
	ED-DU06_02- Secondary - Composite	6/16/2020	ND	ND	ND	ND	ND	ND	ND	ND
	ED-DU06_02- Tertiary - Composite	6/16/2020	ND	ND	ND	ND	ND	ND	ND	ND
DU05_02	ED-DU05_02- Primary - Composite	6/17/2020	ND	ND	ND	ND	ND	ND	ND	ND
	ED-DU05_02- Secondary - Composite	6/17/2020	ND	ND	ND	ND	ND	ND	ND	ND
	ED-DU05_02- Tertiary - Composite	6/17/2020	ND	ND	ND	ND	ND	ND	ND	ND
DU04_02	ED-DU04_02- Primary - Composite	6/18/2020	ND	ND	ND	ND	1.05	ND	ND	1.05
	ED-DU04_02- Secondary - Composite	6/18/2020	ND	ND	ND	ND	ND	ND	ND	ND
	ED-DU04_02- Tertiary - Composite	6/18/2020	ND	ND	ND	ND	1.56	ND	ND	1.56
DU03_02	ED-DU03_02- Primary - Composite	6/23/2020	ND	ND	ND	ND	ND	ND	ND	ND
	ED-DU03_02- Secondary - Composite	6/23/2020	ND	ND	ND	ND	ND	ND	ND	ND
	ED-DU03_02- Tertiary - Composite	6/23/2020	ND	ND	ND	ND	ND	ND	ND	ND
DU02_02	ED-DU02_02- Primary - Composite	6/23/2020	ND	ND	ND	ND	ND	ND	ND	ND
	ED-DU02_02- Secondary - Composite	6/23/2020	ND	ND	ND	ND	6.60	ND	ND	6.60
	ED-DU02_02- Tertiary - Composite	6/23/2020	ND	ND	ND	ND	1.28	ND	ND	1.28
DU01_02	ED-DU01_02- Primary - Composite	6/24/2020	ND	ND	ND	ND	ND	ND	ND	ND
	ED-DU01_02- Primary - DUP	6/24/2020	ND	ND	ND	ND	ND	ND	ND	ND
	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
DU10_03	ED-DU10_03- Primary - Composite	6/25/2020	ND	ND	ND	ND	ND	ND	ND	ND
	ED-DU10_03- Secondary - Composite	6/25/2020	ND	ND	ND	ND	1.01	ND	ND	1.01
	ED-DU10_03- Tertiary - Composite	6/25/2020	ND	ND	ND	ND	2.06	ND	ND	2.06
DU09_03	ED-DU09_03- Primary - Composite	6/26/2020	ND	ND	ND	ND	ND	ND	ND	ND
	ED-DU09_03- Secondary - Composite	6/26/2020	ND	ND	ND	ND	1.23	ND	ND	1.23
	ED-DU09_03- Tertiary - Composite	6/26/2020	ND	ND	ND	ND	ND	ND	ND	ND
DU07_03	ED-DU07_03- Primary - Composite	6/29/2020	ND	ND	ND	ND	ND	ND	ND	ND
	ED-DU07_03- Secondary - Composite	6/29/2020	ND	ND	ND	ND	ND	ND	ND	ND
	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 (mg/Kg)	
			1016	1221	1232	1242	1248	1254		1260
DU04_03	ED-DU04_03- Primary - Composite	7/2/2020	ND	ND	ND	ND	ND	ND	ND	ND
	ED-DU04_03- Secondary - Composite	7/2/2020	ND	ND	ND	ND	ND	ND	ND	ND
	ED-DU04_03- Tertiary - Composite	7/2/2020	ND	ND	ND	ND	ND	ND	ND	ND
DU02_03	ED-DU02_03- Primary - Composite	7/8/2020	ND	ND	ND	ND	ND	ND	ND	ND
	ED-DU02_03- Secondary - Composite	7/8/2020	ND	ND	ND	ND	ND	ND	ND	ND
	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



DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 2704 Cherokee Farm Way, Suite 101
 Knoxville, Tennessee 37920
 P: (865) 977-9997 F: (865) 977-9919

PAGE 1 OF 4
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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 1 bucket</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks)</p> <p><u>Passenger Vehicles:</u> 4 vehicles (1 – CEC, 3 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
--

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> Backfill (from Purdy Materials): <table border="1" data-bbox="272 1745 1044 1864"> <thead> <tr> <th>Backfill Amounts</th> <th>Daily</th> <th>To Date</th> </tr> </thead> <tbody> <tr> <td>Backfill Delivered (tons)</td> <td>593.39</td> <td>8,856.68</td> </tr> <tr> <td>Truckloads</td> <td>29</td> <td>431</td> </tr> </tbody> </table> 	Backfill Amounts	Daily	To Date	Backfill Delivered (tons)	593.39	8,856.68	Truckloads	29	431
Backfill Amounts	Daily	To Date							
Backfill Delivered (tons)	593.39	8,856.68							
Truckloads	29	431							

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 7/17/2020
REPORT NO: 70

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:
 - SC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
 - 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)

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 7/17/2020

REPORT NO: 70

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.
 - Scope of day: Backfill of Area B and Area C.
 - 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.

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 7/17/2020

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PHOTOGRAPHS



Photograph 1 – Backfill of Area C (DU04)



Photograph 2 – Backfill truck departing the Site.



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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 2704 Cherokee Farm Way, Suite 101
 Knoxville, Tennessee 37920
 P: (865) 977-9997 F: (865) 977-9919

PAGE 1 OF 5
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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<u>Excavator:</u> CAT 336 Excavator (with GPS) and 1 bucket
<u>Dozer:</u> CAT D5 Dozer (with GPS)
<u>Roller:</u> CAT 66" Smooth Drum Roller
<u>Skid-steer:</u> CAT 279 Skid Steer (forks)
<u>Passenger Vehicles:</u> 4 vehicles (1 – CEC, 3 – EFS)
<u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)
<u>Miscellaneous Equipment:</u> 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 style="list-style-type: none"> Backfill (from Purdy Materials): 									
<table border="1"> <thead> <tr> <th>Backfill Amounts</th> <th>Daily</th> <th>To Date</th> </tr> </thead> <tbody> <tr> <td>Backfill Delivered (tons)</td> <td>551.95</td> <td>9,408.63</td> </tr> <tr> <td>Truckloads</td> <td>27</td> <td>458</td> </tr> </tbody> </table>	Backfill Amounts	Daily	To Date	Backfill Delivered (tons)	551.95	9,408.63	Truckloads	27	458
Backfill Amounts	Daily	To Date							
Backfill Delivered (tons)	551.95	9,408.63							
Truckloads	27	458							

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

PAGE 2 OF 5
DATE: 7/20/2020
REPORT NO: 71

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:
 - SC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
 - 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.

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

PAGE 3 OF 5

DATE: 7/20/2020

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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.
 - Scope of day: Backfill of Area E.
 - Expected contractors: Fisher.
 - Expected deliveries: Backfill.

UNEXPECTED, UNUSUAL, OR NONCONFORMING OBSERVATIONS: EFS tool trailer was stolen from the Site over the weekend.

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.

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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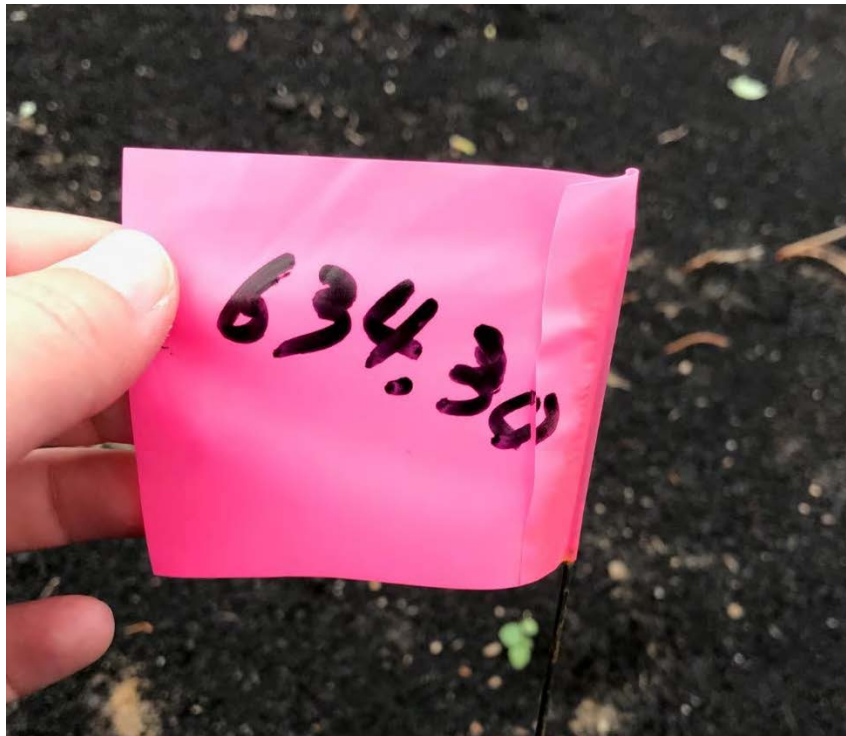
PHOTOGRAPHS



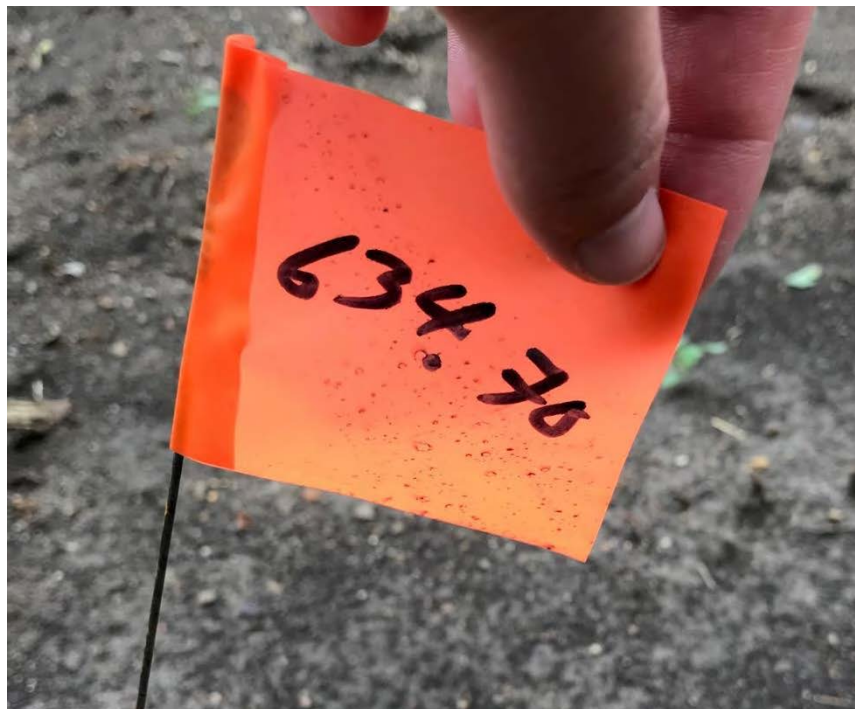
Photograph 1 – Backfill of Area E (DU07)

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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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 2704 Cherokee Farm Way, Suite 101
 Knoxville, Tennessee 37920
 P: (865) 977-9997 F: (865) 977-9919

PAGE 1 OF 4
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:

<input checked="" type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<u>Excavator:</u> CAT 336 Excavator (with GPS) and 1 bucket
<u>Dozer:</u> CAT D5 Dozer (with GPS)
<u>Roller:</u> CAT 66" Smooth Drum Roller
<u>Skid-steer:</u> CAT 279 Skid Steer (forks)
<u>Passenger Vehicles:</u> 4 vehicles (1 – CEC, 3 – EFS),
<u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)
<u>Miscellaneous Equipment:</u> 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):									
<table border="1"> <thead> <tr> <th>Backfill Amounts</th> <th>Daily</th> <th>To Date</th> </tr> </thead> <tbody> <tr> <td>Backfill Delivered (tons)</td> <td>532.68</td> <td>9,941.31</td> </tr> <tr> <td>Truckloads</td> <td>27</td> <td>485</td> </tr> </tbody> </table>	Backfill Amounts	Daily	To Date	Backfill Delivered (tons)	532.68	9,941.31	Truckloads	27	485
Backfill Amounts	Daily	To Date							
Backfill Delivered (tons)	532.68	9,941.31							
Truckloads	27	485							

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

PAGE 2 OF 4
DATE: 7/21/2020
REPORT NO: 72

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:
 - SC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
 - 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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DATE: 7/21/2020

REPORT NO: 72

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.
 - Scope of day: Backfill of Area B(a).
 - 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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PHOTOGRAPHS



Photograph 1 – Backfill of Area B(a) (DU02)



Photograph 2 – Rolling of backfill in Area B(a) (DU02)



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 2704 Cherokee Farm Way, Suite 101
 Knoxville, Tennessee 37920
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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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Excavator:</u> CAT 336 Excavator (with GPS) and 1 bucket</p> <p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks)</p> <p><u>Passenger Vehicles:</u> 4 vehicles (1 – CEC, 3 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Scaffolding; Water truck (4,000 gallons)</p>
--

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> Backfill (from Purdy Materials): <table border="1" data-bbox="272 1745 1044 1864"> <thead> <tr> <th>Backfill Amounts</th> <th>Daily</th> <th>To Date</th> </tr> </thead> <tbody> <tr> <td>Backfill Delivered (tons)</td> <td>0</td> <td>9,941.31</td> </tr> <tr> <td>Truckloads</td> <td>0</td> <td>485</td> </tr> </tbody> </table> 	Backfill Amounts	Daily	To Date	Backfill Delivered (tons)	0	9,941.31	Truckloads	0	485
Backfill Amounts	Daily	To Date							
Backfill Delivered (tons)	0	9,941.31							
Truckloads	0	485							

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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 dug 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.
 - Expected contractors: Fisher.
 - 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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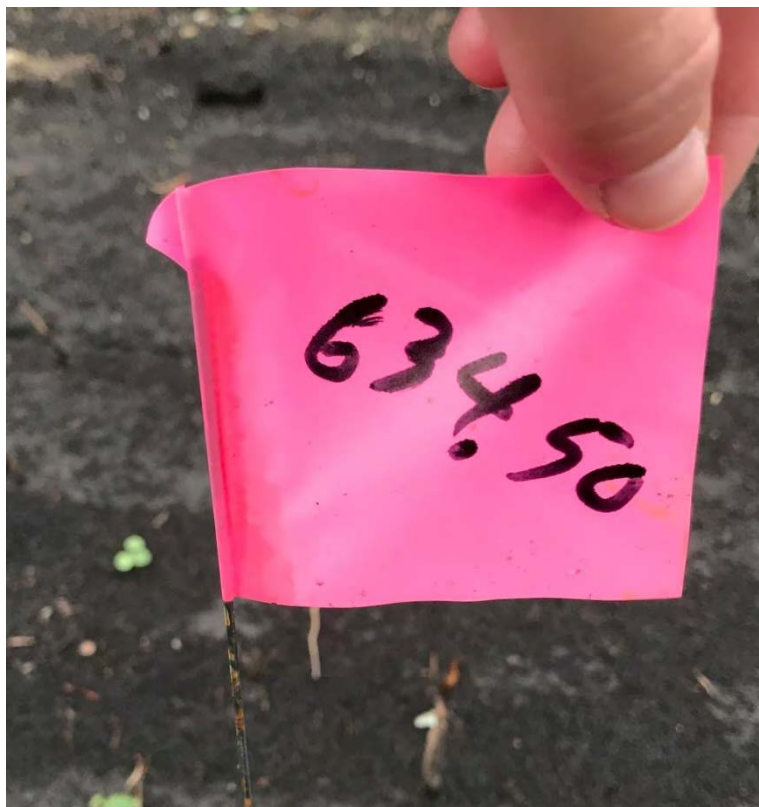
DATE: 7/22/2020

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PHOTOGRAPHS



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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> 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):

Backfill Amounts	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:
 - KC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
 - 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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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: Backfill of Area G.
 - 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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PHOTOGRAPHS



Photograph 1 – Delivery of backfill



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 2704 Cherokee Farm Way, Suite 101
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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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> 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):

Backfill Amounts	Daily	To Date
Backfill Delivered (tons)	583.27	10,729.01
Truckloads	29	524

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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:
 - KC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
 - 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.
 - Straw wattles were installed along the bank in backfilled areas.

Sampling: None.

Laboratory Reports: None.

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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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.
 - Scope of day: Backfill of Area G.
 - 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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PHOTOGRAPHS



Photograph 1 – Backfill in Area G (DU10)



Photograph 2 – Backfill in Area B (DU02)



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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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<u>Dozer:</u> CAT D5 Dozer (with GPS)
<u>Roller:</u> CAT 66" Smooth Drum Roller
<u>Skid-steer:</u> CAT 279 Skid Steer (forks)
<u>Passenger Vehicles:</u> 4 Vehicles (1 – CEC, 3 – EFS)
<u>Fuel Tank:</u> Fuel Cell (500 gallon off-road diesel, double-walled with leak detection)
<u>Miscellaneous Equipment:</u> 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):									
<table border="1"> <thead> <tr> <th>Backfill Amounts</th> <th>Daily</th> <th>To Date</th> </tr> </thead> <tbody> <tr> <td>Backfill Delivered (tons)</td> <td>562.06</td> <td>11,291.07</td> </tr> <tr> <td>Truckloads</td> <td>28</td> <td>552</td> </tr> </tbody> </table>	Backfill Amounts	Daily	To Date	Backfill Delivered (tons)	562.06	11,291.07	Truckloads	28	552
Backfill Amounts	Daily	To Date							
Backfill Delivered (tons)	562.06	11,291.07							
Truckloads	28	552							

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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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:
 - KC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
 - 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.
 - Upon completing Area H (DU11), straw wattles were installed along the bank for temporary erosion control.

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
- 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.
 - Scope of day: Backfill of Area G.
 - 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.

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 7/27/2020
REPORT NO: 76

PHOTOGRAPHS



Photograph 1 – Installing the final lift in Area H (DU11)



DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 2704 Cherokee Farm Way, Suite 101
 Knoxville, Tennessee 37920
 P: (865) 977-9997 F: (865) 977-9919

PAGE 1 OF 4
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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks)</p> <p><u>Passenger Vehicles:</u> 4 vehicles (1 – CEC, 3 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Water truck (4,000 gallons)</p>
--

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> Backfill (from Purdy Materials): 									
<table border="1"> <thead> <tr> <th>Backfill Amounts</th> <th>Daily</th> <th>To Date</th> </tr> </thead> <tbody> <tr> <td>Backfill Delivered (tons)</td> <td>0</td> <td>11,291.07</td> </tr> <tr> <td>Truckloads</td> <td>0</td> <td>552</td> </tr> </tbody> </table>	Backfill Amounts	Daily	To Date	Backfill Delivered (tons)	0	11,291.07	Truckloads	0	552
Backfill Amounts	Daily	To Date							
Backfill Delivered (tons)	0	11,291.07							
Truckloads	0	552							

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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 (~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.

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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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.
 - Scope of day: Rain day.
 - 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.

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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PHOTOGRAPHS



Photograph 1 – Saturated conditions did not allow for additional backfilling



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 P: (865) 977-9997 F: (865) 977-9919

PAGE 1 OF 5
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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks)</p> <p><u>Passenger Vehicles:</u> 4 vehicles (1 – CEC, 3 – EFS),</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Miscellaneous Equipment:</u> Equipment trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 generator; Connex Box; Office Trailer; Water truck (4,000 gallons)</p>
--

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> Backfill (from Purdy Materials): 									
<table border="1"> <thead> <tr> <th>Backfill Amounts</th> <th>Daily</th> <th>To Date</th> </tr> </thead> <tbody> <tr> <td>Backfill Delivered (tons)</td> <td>564.72</td> <td>11,855.79</td> </tr> <tr> <td>Truckloads</td> <td>28</td> <td>580</td> </tr> </tbody> </table>	Backfill Amounts	Daily	To Date	Backfill Delivered (tons)	564.72	11,855.79	Truckloads	28	580
Backfill Amounts	Daily	To Date							
Backfill Delivered (tons)	564.72	11,855.79							
Truckloads	28	580							

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 7/29/2020

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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:
 - KC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
 - 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.
 - 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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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

PAGE 3 OF 5

DATE: 7/29/2020

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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.
 - Scope of day: Backfill of Area G and F(b).
 - 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.

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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PHOTOGRAPHS



Photograph 1 – Rolling the final lift in Area G (DU10)



Photograph 2 – Completed backfill in Area G and H

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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Photograph 3 – Backfill in Area F(b) (DU09)



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PAGE 1 OF 4
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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> 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):

Backfill Amounts	Daily	To Date
Backfill Delivered (tons)	716.58	12,572.37
Truckloads	36	616

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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DATE: 8/5/2020
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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:
 - KC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
 - 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.

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

PAGE 3 OF 4

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.
 - Scope of day: Backfill of Area F(b).
 - 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.

**DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.**

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PHOTOGRAPHS



Photograph 1 – Haul road dust suppression



Photograph 2 – Backfill delivery in Area F(b)



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 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:		
<ul style="list-style-type: none"> Location: Area F(b) (DU09) Backfill (from Purdy Materials): 		
Backfill Amounts	Daily	To Date
Backfill Delivered (tons)	672.38	13,244.75
Truckloads	34	650
<ul style="list-style-type: none"> Additional Notes: <ul style="list-style-type: none"> KC backfilled using GPS driven equipment (dozer) and AC rolled the backfill. 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. KC confirmed that the above backfill compaction procedure was completed. 		

CONTRACT LINE ITEMS PERFORMED:

<p>5.0 Site Restoration</p> <ul style="list-style-type: none"> 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill 5.1.2 – Grade and Compact Excavation <p>6.0 Erosion and Sedimentation Control</p> <ul style="list-style-type: none"> 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.



DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
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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: <ul style="list-style-type: none"> Location: Area F (DU09 and DU08) and Area E (DU07) Backfill (from Purdy Materials): <table border="1" data-bbox="261 926 1031 1045"> <thead> <tr> <th>Backfill Amounts</th> <th>Daily</th> <th>To Date</th> </tr> </thead> <tbody> <tr> <td>Backfill Delivered (tons)</td> <td>598.07</td> <td>13,842.82</td> </tr> <tr> <td>Truckloads</td> <td>30</td> <td>680</td> </tr> </tbody> </table> Additional Notes: <ul style="list-style-type: none"> KC backfilled using GPS driven equipment (dozer) and AC rolled the backfill. 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. KC confirmed that the above backfill compaction procedure was completed. 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. 	Backfill Amounts	Daily	To Date	Backfill Delivered (tons)	598.07	13,842.82	Truckloads	30	680
Backfill Amounts	Daily	To Date							
Backfill Delivered (tons)	598.07	13,842.82							
Truckloads	30	680							

CONTRACT LINE ITEMS PERFORMED:

<p>5.0 Site Restoration</p> <ul style="list-style-type: none"> 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill 5.1.2 – Grade and Compact Excavation <p>6.0 Erosion and Sedimentation Control</p> <ul style="list-style-type: none"> 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.



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):

Backfill Amounts	Daily	To Date
Backfill Delivered (tons)	477.77	14,320.59
Truckloads	24	704

- Additional Notes:
 - A rainstorm came through the area in the morning, causing backfill activities to be suspended for around 2 hours.
 - KC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
 - 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.
 - 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:

<p>5.0 Site Restoration</p> <ul style="list-style-type: none"> • 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill • 5.1.2 – Grade and Compact Excavation <p>6.0 Erosion and Sedimentation Control</p> <ul style="list-style-type: none"> • 6.1.1 – Installation and Maintenance of Erosion Control Features • 6.1.2 – Inspection
--

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.



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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
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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: <ul style="list-style-type: none"> • Location: No backfill occurred due to overnight rain on 8/10. <ul style="list-style-type: none"> ○ 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): <table border="1" data-bbox="261 993 1031 1113"> <thead> <tr> <th>Backfill Amounts</th> <th>Daily</th> <th>To Date</th> </tr> </thead> <tbody> <tr> <td>Backfill Delivered (tons)</td> <td>0</td> <td>14,320.59</td> </tr> <tr> <td>Truckloads</td> <td>0</td> <td>704</td> </tr> </tbody> </table> 	Backfill Amounts	Daily	To Date	Backfill Delivered (tons)	0	14,320.59	Truckloads	0	704
Backfill Amounts	Daily	To Date							
Backfill Delivered (tons)	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 <ul style="list-style-type: none"> • 6.1.2 – Inspection 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

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PHOTOGRAPHS:



Photograph 1: Standing water in Area B(a) (provided by EFS)



Photograph 2: Fencing demobilization (provided by EFS)



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: <ul style="list-style-type: none"> Location: Area B(a) (DU02) Backfill (from Purdy Materials): <table border="1" data-bbox="261 926 1029 1045"> <thead> <tr> <th>Backfill Amounts</th> <th>Daily</th> <th>To Date</th> </tr> </thead> <tbody> <tr> <td>Backfill Delivered (tons)</td> <td>578.09</td> <td>14,898.68</td> </tr> <tr> <td>Truckloads</td> <td>29</td> <td>733</td> </tr> </tbody> </table> Additional Notes: <ul style="list-style-type: none"> KC backfilled using GPS driven equipment (dozer) and AC rolled the backfill. 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. KC confirmed that the above backfill compaction procedure was completed. 	Backfill Amounts	Daily	To Date	Backfill Delivered (tons)	578.09	14,898.68	Truckloads	29	733
Backfill Amounts	Daily	To Date							
Backfill Delivered (tons)	578.09	14,898.68							
Truckloads	29	733							
Demobilization Activities: EFS continued the demobilization of security fencing as part of demobilization activities.									

CONTRACT LINE ITEMS PERFORMED:

<p>5.0 Site Restoration</p> <ul style="list-style-type: none"> 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill 5.1.2 – Grade and Compact Excavation <p>6.0 Erosion and Sedimentation Control</p> <ul style="list-style-type: none"> 6.1.1 – Installation and Maintenance of Erosion Control Features <p>8.0 Demobilization</p>

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 was not present onsite to review and observe daily activities/means and methods
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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 2704 Cherokee Farm Way, Suite 101
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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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks)</p> <p><u>Passenger Vehicles:</u> 5 vehicles (1 – CEC, 4 – EFS)</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Miscellaneous Equipment:</u> Equipment Trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 Generator; Connex Box; Office Trailer; Water Truck (4,000 gallons)</p>

MATERIAL DELIVERED ONSITE:

<ul style="list-style-type: none"> Backfill (from Purdy Materials): 									
<table border="1"> <thead> <tr> <th>Backfill Amounts</th> <th>Daily</th> <th>To Date</th> </tr> </thead> <tbody> <tr> <td>Backfill Delivered (tons)</td> <td>664.66</td> <td>15,563.34</td> </tr> <tr> <td>Truckloads</td> <td>33</td> <td>766</td> </tr> </tbody> </table>	Backfill Amounts	Daily	To Date	Backfill Delivered (tons)	664.66	15,563.34	Truckloads	33	766
Backfill Amounts	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:
 - BC backfilled using GPS driven equipment (dozer) and AC rolled the backfill.
 - 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.
 - Scope of day: Backfill of Area B (a) & Area B (b).
 - Expected contractors: K&M Fencing; Neptune.
 - 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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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: <ul style="list-style-type: none"> Location: Area B(a) (DU02), Area A (DU01), and Area D (DU06 & DU05) Backfill (from Purdy Materials): <table border="1" data-bbox="261 926 1029 1045"> <thead> <tr> <th>Backfill Amounts</th> <th>Daily</th> <th>To Date</th> </tr> </thead> <tbody> <tr> <td>Backfill Delivered (tons)</td> <td>426.57</td> <td>15,989.91</td> </tr> <tr> <td>Truckloads</td> <td>21</td> <td>787</td> </tr> </tbody> </table> Additional Notes: <ul style="list-style-type: none"> Bryan Chapman (EFS) backfilled using GPS driven equipment (dozer) and Andrew Chapman (EFS) rolled the backfill. 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. Kevin Chapman (EFS) confirmed that the above backfill compaction procedure was completed. 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. 	Backfill Amounts	Daily	To Date	Backfill Delivered (tons)	426.57	15,989.91	Truckloads	21	787
Backfill Amounts	Daily	To Date							
Backfill Delivered (tons)	426.57	15,989.91							
Truckloads	21	787							
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:

<p>5.0 Site Restoration</p> <ul style="list-style-type: none"> 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill 5.1.2 – Grade and Compact Excavation <p>6.0 Erosion and Sedimentation Control</p> <ul style="list-style-type: none"> 6.1.1 – Installation and Maintenance of Erosion Control Features <p>8.0 Demobilization</p>

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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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. <ul style="list-style-type: none"> Location: Area D (DU06 & DU05) and Area C (DU04) Backfill (from Purdy Materials): <table border="1" data-bbox="261 926 1029 1045"> <thead> <tr> <th>Backfill Amounts</th> <th>Daily</th> <th>To Date</th> </tr> </thead> <tbody> <tr> <td>Backfill Delivered (tons)</td> <td>101.60</td> <td>16,091.51</td> </tr> <tr> <td>Truckloads</td> <td>5</td> <td>792</td> </tr> </tbody> </table> Additional Notes: <ul style="list-style-type: none"> Bryan Chapman (EFS) backfilled using GPS driven equipment (dozer) and Andrew Chapman (EFS) rolled the backfill. 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. Kevin Chapman (EFS) confirmed that the above backfill compaction procedure was completed. Areas A – H were completed to the specified elevations. 	Backfill Amounts	Daily	To Date	Backfill Delivered (tons)	101.60	16,091.51	Truckloads	5	792
Backfill Amounts	Daily	To Date							
Backfill Delivered (tons)	101.60	16,091.51							
Truckloads	5	792							
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:

<p>5.0 Site Restoration</p> <ul style="list-style-type: none"> 5.1.1 –Purchase, Transportation, and Delivery of Borrow Fill 5.1.2 – Grade and Compact Excavation <p>6.0 Erosion and Sedimentation Control</p> <ul style="list-style-type: none"> 6.1.1 – Installation and Maintenance of Erosion Control Features 6.1.2 – Inspection
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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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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:

<input type="checkbox"/> TEST RESULTS	<input checked="" type="checkbox"/> PHOTOGRAPHS	<input type="checkbox"/> SKETCH	<input type="checkbox"/> ATTACHMENTS
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EQUIPMENT ONSITE:

<p><u>Dozer:</u> CAT D5 Dozer (with GPS)</p> <p><u>Roller:</u> CAT 66" Smooth Drum Roller</p> <p><u>Skid-steer:</u> CAT 279 Skid Steer (forks)</p> <p><u>Passenger Vehicles:</u> 4 vehicles (1 – CEC, 4 – EFS)</p> <p><u>Fuel Tank:</u> Fuel cell (500 gallon off-road diesel, double-walled with leak detection)</p> <p><u>Miscellaneous Equipment:</u> Equipment Trailer; Kubota 4x4 ATV; Pull Behind Max Power 40 Generator; Connex Box; Office Trailer; Water Truck (4,000 gallons)</p>

MATERIAL DELIVERED 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
Backfill Delivered (tons)	0	16,091.51
Truckloads	0	792

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Topsoil:

- Location: Area G & H
- Topsoil (from Winstead Enterprises, Inc):

Backfill Amounts	Daily	To Date
Backfill Delivered (tons)*	280	280
Truckloads	14	14

*Exact tonnage is not provided. Assuming 20 tons/load.

- Additional Notes:
 - 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.
 - 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.
 - Scope of day: Topsoil placement in Area G & H
 - Expected contractors: Fisher
 - 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: <ul style="list-style-type: none"> Location: Area F Topsoil (from Winstead Enterprises, Inc): <table border="1" data-bbox="261 993 1031 1113"> <thead> <tr> <th>Backfill Amounts</th> <th>Daily</th> <th>To Date</th> </tr> </thead> <tbody> <tr> <td>Backfill Delivered (tons)*</td> <td>240</td> <td>520</td> </tr> <tr> <td>Truckloads</td> <td>12</td> <td>26</td> </tr> </tbody> </table> <p>*Exact tonnage is not provided. Assuming 20 tons/load.</p> <ul style="list-style-type: none"> Additional Notes: <ul style="list-style-type: none"> 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. Area F was completed to the specified elevations. Upon completion, straw wattles were re-installed along the bank edge. 	Backfill Amounts	Daily	To Date	Backfill Delivered (tons)*	240	520	Truckloads	12	26
Backfill Amounts	Daily	To Date							
Backfill Delivered (tons)*	240	520							
Truckloads	12	26							
Dust Suppression: EFS sprayed the haul road with water from the water truck for dust suppression.									

CONTRACT LINE ITEMS PERFORMED:

<p>6.0 Erosion and Sedimentation Control</p> <ul style="list-style-type: none"> 6.1.1 – Installation and Maintenance of Erosion Control Features 6.2.1 – Purchase, Delivery, and Topsoil Placement

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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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: <ul style="list-style-type: none"> • Location: Area E, Area D, and Area C • Topsoil (from Winstead Enterprises, Inc): <table border="1" data-bbox="261 993 1031 1113"> <thead> <tr> <th>Backfill Amounts</th> <th>Daily</th> <th>To Date</th> </tr> </thead> <tbody> <tr> <td>Backfill Delivered (tons)*</td> <td>480</td> <td>1,000</td> </tr> <tr> <td>Truckloads</td> <td>24</td> <td>50</td> </tr> </tbody> </table> <p>*Exact tonnage is not provided. Assuming 20 tons/load.</p> <ul style="list-style-type: none"> • Additional Notes: <ul style="list-style-type: none"> ○ Two dump trucks delivered topsoil. ○ 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. ○ Area F was completed to the specified elevations. Upon completion, straw wattles were re-installed along the bank edge. 	Backfill Amounts	Daily	To Date	Backfill Delivered (tons)*	480	1,000	Truckloads	24	50
Backfill Amounts	Daily	To Date							
Backfill Delivered (tons)*	480	1,000							
Truckloads	24	50							
Dust Suppression: EFS sprayed the haul road with water from the water truck for dust suppression.									

CONTRACT LINE ITEMS PERFORMED:

<p>6.0 Erosion and Sedimentation Control</p> <ul style="list-style-type: none"> • 6.1.1 – Installation and Maintenance of Erosion Control Features • 6.2.1 – Purchase, Delivery, and Topsoil Placement

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.



DAILY FIELD OBSERVATION REPORT
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 2704 Cherokee Farm Way, Suite 101
 Knoxville, Tennessee 37920
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DATE: 8/21/2020
REPORT NO: 91

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: <ul style="list-style-type: none"> • Location: Area B and Area A • Topsoil (from Winstead Enterprises, Inc): <table border="1" data-bbox="261 993 1031 1113"> <thead> <tr> <th>Backfill Amounts</th> <th>Daily</th> <th>To Date</th> </tr> </thead> <tbody> <tr> <td>Backfill Delivered (tons)*</td> <td>320</td> <td>1,320</td> </tr> <tr> <td>Truckloads</td> <td>16</td> <td>66</td> </tr> </tbody> </table> 	Backfill Amounts	Daily	To Date	Backfill Delivered (tons)*	320	1,320	Truckloads	16	66
Backfill Amounts	Daily	To Date							
Backfill Delivered (tons)*	320	1,320							
Truckloads	16	66							
*Exact tonnage is not provided. Assuming 20 tons/load.									
<ul style="list-style-type: none"> • Additional Notes: <ul style="list-style-type: none"> ○ 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. ○ 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:

<p>6.0 Erosion and Sedimentation Control</p> <ul style="list-style-type: none"> • 6.1.1 – Installation and Maintenance of Erosion Control Features • 6.2.1 – Purchase, Delivery, and Topsoil Placement

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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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):

Backfill Amounts	Daily	To Date
Backfill Delivered (tons)*	0	1,320
Truckloads	0	66

*Exact tonnage is not provided. Assuming 20 tons/load.

- Additional Notes:
 - EFS tracked in topsoil to mitigate erosion. Hydroseeding scheduled for the week of August 24th, 2020.

CONTRACT LINE ITEMS PERFORMED:

<p>6.0 Erosion and Sedimentation Control</p> <ul style="list-style-type: none"> • 6.2.1 – Purchase, Delivery, and Topsoil Placement

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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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:

<p>Excavation: Excavation activities complete.</p> <p>Backfill: Backfill activities complete.</p> <p>Topsoil: Topsoil activities complete.</p> <p>Surveying:</p> <ul style="list-style-type: none"> Fisher completed topsoil elevation survey. <p>Seeding:</p> <ul style="list-style-type: none"> Williams Creek arrived onsite to hydro-seed the top soil. The seed mixture has been approved by CEC. <p>Erosion Control:</p> <ul style="list-style-type: none"> EFS completed a weekly stormwater inspection. No deficiencies noted during the inspection. Straw wattles were re-installed along the bank edge. <p>Demobilization:</p> <ul style="list-style-type: none"> Fuel cell was picked up from site. EFS began removing their equipment/tools from site.
--

CONTRACT LINE ITEMS PERFORMED:

<p>6.0 Erosion and Sedimentation Control</p> <ul style="list-style-type: none"> 6.1.1 – Installation and Maintenance of Erosion Control Features 6.1.2 – Inspection 6.2.2 – Vegetative Planting (grass seed application) <p>7.0 Construction Survey</p> <ul style="list-style-type: none"> 7.3 – Post Excavation/Post Backfill 7.4 – As-built <p>8.0 Demobilization</p>

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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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: <ul style="list-style-type: none">Williams Creek onsite for hydro-seeding of the levee. Hydro-seeding completed mid-afternoon. Demobilization: <ul style="list-style-type: none">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 <ul style="list-style-type: none">6.2.2 – Vegetative Planting (grass seed application) 8.0 Demobilization

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: 8/26/2020
REPORT NO: 95

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: <ul style="list-style-type: none">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

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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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: <ul style="list-style-type: none">• EFS demobilized from site.• Connex box picked up from laydown area.
--

CONTRACT LINE ITEMS PERFORMED:

8.0 Demobilization

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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PHOTOGRAPHS



Photograph 1: Hydroseed application.