

CERCLA REPORT

EMERGENCY AND RAPID RESPONSE SERVICES

**Fairmont Brine Site
Fairmont WV**

PREPARED FOR

**U.S. Environmental Protection Agency - Region 3
1600 JFK Blvd
Philadelphia Pa 19103**

**Contract No.: 68HE0322D0001
Task Order: 0073
Project No: FB3-73**

JANUARY 9, 2026



**Environmental Restoration LLC
1666 Fabick Drive
Fenton, MO 63026
www.erllc.com**

CERCLA Off-Site Disposal Report

CONTRACT #: 68HE0322D0001

1. Superfund Site Name: Fairmont Brine
2. State: West Virginia
CERCLIS Number: **B3CL (Site ID)**
U.S. EPA Generator Number: **WVR 000 521 948**

TO#: 68HE0324F0073

3. Type of Action (check two);

☒ Removal ☐ Remedial
☒ Fund-Financed ☐ Fund-Financed
☐ PRP-Financed ☐ PRP-Financed

4. Type of Waste and Form; (Check one for each)

*If more than one type attach separate sheet for this and remaining questions for each type.

Type:

☐ Solvents
☐ Dioxin/Furans
☐ Heavy Metals (*Specify*)

☐ Cyanides

☐ Acids

☐ Halogenated Organics

☐ Other RCRA-Listed Hazardous Wastes (*Specify*)

☐ Hazardous or De-Listed Wastes

Form:

☐ Wastewater

☐ Liquid Wastes

☐ Organic Sludge (*greater than 1% solids*)

☐ Inorganic Sludge (*less than 1% total organic carbon*)

☒ Solid or Solidified Waste (Non-hazardous filtercake / oil tank area solids)

☐ Contaminated Soil & Debris

5. Quantity of Waste: **323.55 tons**

6. Range, average, and/or representative concentrations of the contaminants of concern: **Non-Hazardous solids/filtercake**

7. Pre-Treatment of waste before transportation;

☒ Not Applicable

☐ Neutralization

☐ Stabilization

☐ Other (*Specify*) _____

☐ Precipitation

☐ Fixation

☐ Solidification

8. Receiving RCRA facility name: **Waste Control Specialists (WCS)**

9. Address: PO box 1129

City, State Zip: Andrews, Tx 79714

ID Number: TXD 988 088 464

10. Receiving Region: **6**

11. Receiving Region Off-Site Contact (RROC): Sandesh Thapa

Date Contacted: **3.24.25 and 8.5.25 – WCS**

Date of last facility inspection: **N/A**

12. Date(s) of Shipments: **8.8.25-10.15.25**

Date Disposal Completed: **off site shipment – 10.15.25. CD's received 11.13.25**

Date facility signs manifest for receipt of final shipment: **11.13.25**

13. Pre-Treatment of waste at site before final treatment or disposal:

- 14.

☐ Not Applicable

☐ Neutralization

☐ Stabilization

☐ Other (*Specify*) _____

☐ Precipitation

☐ Fixation

☐ Solidification

15. Final method of treatment or disposal;

☐ Precipitation

☐ Neutralization

☐ Incineration

☒ Landfill

☐ Land Treatment

☐ Injection

☐ Recovery / Re-Use

☐ Other (*Specify*) _____

16. If waste was landfilled;

☐ Not Applicable

Landfill cell number or location: **N/A**

Type of liner in cell: **60MI**

17. Cost of activities: \$ [REDACTED]
Treatment/Disposal: [REDACTED]
Transportation: **\$ Included in Disposal**

Fairmont Brine Site - 9yd bag NH filtercake / solids loadout log

Fairmont WW

GONDOLAK 142

Load/shipment #	Date	Time onsite	loading time start	Loading time end	Time off site	Trailer Plate#	Manifest / BOL#	Bag #'s on load	Estimated Wgt of all bags
1	8.8.25						4433-01	9, 10, 34	45,100
2	8.8.25						4433-02	12, 13, 38	44,000
3	8.8.25						4433-03	19, 36	31,500
4	8.8.25						4433-04	11, 20, 21	45,500
5	8.8.25						4433-05	33, 35, 37	54,000
6	8.8.25						4433-06	5, 6, 7	40,000
7	8.8.25						4433-07	1, 18, 25	43,500
8	8.8.25						4433-08	2, 14, 16	42,500
9	8.8.25						4433-09	3, 15, 17	42,000
10	8.8.25						4433-10	4, 8	25,500
11									
12									
13									
14									
15									413,600 / 206.80 tons

206.80
 116.75
 323.55 TONS

Fairmont Brine Site - 9yd bag NH filtercake / solids loadout log

Fairmont WW

GONDOLAS 1 & 2

Load/shipment #	Date	Time onsite	loading time start	Loading time end	Time off site	Trailer Plate#	Manifest / BOL#	Bag #'s on load	Estimated Wgt of all bags
1	8.8.25	0622	0720	0800	0815	PT 18155 PA	4433-01	9, 10, 34	42,200
2	8.8.25	0630	0810	0838	0855	264614B ME	4433-02	12, 13, 38	42,800
3	8.8.25	0632	0850	0905	0920	C492004 WV	4433-03	19, 36	42,200 25, 800
4	8.8.25	1640	1055	1110	1120	PT 18155 PA	4433-04	11, 20, 21	40,800
5	8.8.25	1125	1140	1150	1205	264614B ME	4433-05	33, 37, 35	32,200 49,000
6	8.8.25	1215	1225	1235	1240	C492004 WV	4433-06	5, 6, 7	36,800
7	8.8.25	1308	1320	1333	1352	PT 18155 PA	4433-07	1, 18, 25	38,800
8	8.8.25	1338	1355	1420	1435	264614B ME	4433-08	2, 14, 16	39,800
9	8.8.25	1425	1431	1447	1510	C492004 WV	4433-09	3, 15, 17	38,400
10	8.8.25	1544	1550	1559	1615	PT 18155 PA	4433-10	4, 8	22,800
11									
12									
13									
14									
15									

10 Truck Loads Actual Crane WGT 413,600 LBS = 206.8 TON

GONDOLAS 1 & 2



WASTE CONTROL SPECIALISTS

Certificate of Disposal

Date of Certificate: November 20, 2025

EPA ID Number TXD988088464

[REDACTED]
Perma-Fix for
US EPA Reg. 3 Fairmont Brine Site
168 AFR Drive
Fairmont, WV

Reference:

WCS Profile #: **WP-10598**
Manifest(s): **4433-01**
Received On: **September 05, 2025**

This is to certify that the waste shipped to WCS on the above mentioned manifest was disposed of on **November 19, 2025** in the WCS permitted hazardous waste landfill associated with the EPA ID Number above. Disposal is subject to all applicable licenses, permits and regulations.

Waste Control Specialists LLC is pleased to have the opportunity to provide you with the quality waste management services that you need. If you have any questions or need further assistance, please feel free to contact me at [REDACTED]

Sincerely,
WASTE CONTROL SPECIALISTS LLC

[REDACTED]
[REDACTED]
Technical Services Project Manager

Corporate

17101 Preston Rd. Ste. 115
Dallas, TX 75248
Ph. 682.503.0030
Fax. 214.853.5720

Facility

P.O. Box 1129
Andrews, TX 79714
Ph. 432.525.8500
Fax. 432.203.2359



WASTE CONTROL SPECIALISTS

Certificate of Disposal

Date of Certificate: September 22, 2025

EPA ID Number TXD988088464

[REDACTED]
Perma-Fix for
US EPA Reg. 3 Fairmont Brine Site
168 AFR Drive
Fairmont, WV

Reference:

WCS Profile #: **WP-10598**
Manifest(s): **4433-02, 4433-03, 4433-06, 4433-07,
4433-08, 4433-09, 4433-10**
Received On: **September 05, 2025**

This is to certify that the waste shipped to WCS on the above mentioned manifest was disposed of on **September 19, 2025** in the WCS permitted hazardous waste landfill associated with the EPA ID Number above. Disposal is subject to all applicable licenses, permits and regulations.

Waste Control Specialists LLC is pleased to have the opportunity to provide you with the quality waste management services that you need. If you have any questions or need further assistance, please feel free to contact me at [REDACTED]

Sincerely,
WASTE CONTROL SPECIALISTS LLC

[REDACTED]

[REDACTED]

Technical Services Project Manager

Corporate
17101 Preston Rd. Ste. 115
Dallas, TX 75248
Ph. 682.503.0030
Fax. 214.853.5720

Facility
P.O. Box 1129
Andrews, TX 79714
Ph. 432.525.8500
Fax. 432.203.2359



WASTE CONTROL SPECIALISTS

Certificate of Disposal

Date of Certificate: October 08, 2025

EPA ID Number TXD988088464

[REDACTED]
Perma-Fix for
US EPA Reg. 3 Fairmont Brine Site
168 AFR Drive
Fairmont, WV

Reference:

WCS Profile #: **WP-10598**
Manifest(s): **4433-04, 4433-05**
Received On: **September 05, 2025**

This is to certify that the waste shipped to WCS on the above mentioned manifest was disposed of on **October 07, 2025** in the WCS permitted hazardous waste landfill associated with the EPA ID Number above. Disposal is subject to all applicable licenses, permits and regulations.

Waste Control Specialists LLC is pleased to have the opportunity to provide you with the quality waste management services that you need. If you have any questions or need further assistance, please feel free to contact me at [REDACTED]

Sincerely,
WASTE CONTROL SPECIALISTS LLC

[REDACTED]
[REDACTED]
Technical Services Project Manager

Corporate
17101 Preston Rd. Ste. 115
Dallas, TX 75248
Ph. 682.503.0030
Fax. 214.853.5720

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P.O. Box 1129
Andrews, TX 79714
Ph. 432.525.8500
Fax. 432.203.2359

FORM 540 (04-20-2012)

EN

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FORM 540 Waste Control Specialists UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		5. Shipper - Name and Facility USEPA Region 3 / Fairmont Brine Site 188 AFR Drive Fairmont, WV 26554		Shipper ID Number NA ☐ COLLECTOR ☐ PROCESSOR		7. Form 540 and 540A Page 1 of 1 Page(s) Form 541 and 541A 1 Page(s) Form 542 and 542A None Page(s) Additional Information 1 Page(s)		8. Manifest Number 4433-01	
		WGS Generator Certification ID NA		Shipment Number 4433-01		9. Consignee - Name and Facility Waste Control Specialists TSD Facility 9998 Highway 176 West Andrews, TX 79714		Contact [Redacted] Phone No (Include Area Code) (432) 566-0500	
1. Emergency Telephone Number (Include Area Code) 1-800-535-5053		Contact Christine Wagner		Phone No (Include Area Code) 804-337-3049		Signature - Authorized consignee acknowledging waste receipt [Redacted]		Date [Redacted]	
Organization Infracore (contract # 98800)		6. Carrier - Name and Address Landstar 13410 Sultan Park Drive PO Box 19060 Jacksonville, FL 32245		EPA I.D. Number [Redacted]		10. CERTIFICATION This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, the Commission, and equivalent state regulations. For materials that are consigned to a land disposal facility or waste collector, this certifies that the materials are classified per the applicable requirements of 10 CFR Part 61, meet the land disposal facility's waste acceptance criteria, and are in proper condition for disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations. A collector in signing this certification is certifying that nothing has been done to the collected waste which would invalidate the waste generator's certification.		Authorized Signature and Title Christine Wagner EPA	
2. Is this an "Exclusive Use" Shipment? ☒ YES ☐ NO		3. Total Number of packages identified on this manifest? 3		Shipping Date 08/08/2025		Phone No (Include Area Code) [Redacted]		Date [Redacted]	
4. Does EPA regulated waste requiring a manifest accompany this shipment? If "Yes," provide Manifest Number ☐ YES ☒ NO		EPA Manifest Number [Redacted]		Signature [Redacted]		Date [Redacted]		Date [Redacted]	
11. U.S. Department of Transportation Description (Including UN ID number, proper shipping name, hazard class, and any additional information)		12. DOT Labels		13. Transport Index		14. Physical and Chemical Form		15. Individual Radionuclides	
Non-DOT Regulated WP-10598 R0		NA		NA		Solid Oxide		Ra-226 Ra-228	
Non-DOT Regulated WP-10598 R0		NA		NA		Solid Oxide		Ra-226 Ra-228	
UN3321, Radioactive material, low specific activity (LSA-II), 7 WP-10598 R0		NA		NA		Solid Oxide		Ra-226 Ra-228	
FOR CONSIGNEE USE ONLY _____ Record Waste Description Inadequate _____ Contamination or Leakage Detected _____ Unexpected Exposure Rates Detected _____ Labels, Markings, etc. Inadequate _____ Container Integrity Inadequate _____ Other _____ No Violations Detected on this Shipment				19.					

FORM 541

Waste Control Specialists

UNIFORM LOW-LEVEL RADIOACTIVE
WASTE MANIFEST
CONTAINER AND WASTE DESCRIPTION
Additional Nuclear Regulatory Commission (NRC) Requirements for Control, Transfer and Disposal of Radioactive Waste

1. Manifest Totals

No. of Plugs/ Disposal Containers	Net Waste Volume (m³)	Net Waste Weight (kg)	Special Nuclear Material (grams)			
			U-233	U-235	Pu	Total
3	m3 20.27 kg 716.00	kg 19141.60 lb 42200.00	NP	NP	NP	NP
Activity			Source (kg)			
	All Nuclides	Tritium	C-14	Tc-99	I-129	
MBq	8.9925E+02	NP	NP	NP	NP	(kg) NA
mCi	2.4304E+01	NP	NP	NP	NP	(lb) NA

2. Manifest Number

4433-01

3. Page 1 of 1 Page(s)

4. Shipper Name

USEPA Region 3 / Fairmont Brine Site

Shipment ID Number

NA

Disposal Container Description						Physical Description			Waste Description for Each Waste Type in Container		16. Radiological Description				17. Waste Class A5-Class A Stable A4-Class A Unstable B-Class B C-Class C	
5. Container Identification Number/Generator ID Number(s)	6. Container Description (See Note 1 & Note 1A)	7. Volume (m³) (ft³)	8. Waste and Container Weight (kg) (lb)	9. Waste Weight (kg) (lb)	10. Surface Radiation Level (mSv/hr) (mrem/hr)	11. Surface Contamination (MBq/100 cm²) (dpm/100 cm²)	12. Waste Descriptor (See Notes 2 & 2A)	13. Approximate Waste Volume(s) in Container (m³) (ft³)	14. Sorbent Solidification, Stabilization, Media (See Note 3)	15. Chemical Form/ Chelating Agent	Weight % Chelating Agent if > 0.1%	Individual Radionuclides and Activity (MBq) and Container Total or Container Total Activity and Radionuclide Percent				
						Alpha	Beta-Gamma					Radionuclides	pCi/gm	MBq	mCi	
FB-09/4433	19 SOFT SIDED BAG	6.68 243.2	5805.98	5805.98	<5.000E-03	<3.340E-07	<1.670E-05	22-H	7.14	89 - OTHER	NP	Ra-226	1.68000E+02	3.6090E+01	9.7540E-01	AU
												Ra-228	9.60000E+00	2.0623E+00	5.5737E-02	
												Subtotal	3.8152E+01	1.0311E+00		
												Total	3.8152E+01	1.0311E+00		
FB-10/4433	19 SOFT SIDED BAG	6.83	6531.73	6531.73	<5.000E-03	<3.340E-07	<1.670E-05	22-H	6.83	89 - OTHER	NP	Ra-226	1.68000E+02	4.0600E+01	1.0973E+00	AU
												Ra-228	9.60000E+00	6.2704E-02		
												Subtotal	4.2920E+01	1.1600E+00		
												Total	4.2920E+01	1.1600E+00		
FB-34/4433	19 SOFT SIDED BAG	6.51	6803.89	6803.89	<5.000E-03	<3.340E-07	<1.670E-05	22-H	6.51	89 - OTHER	NP	Ra-226	3.04000E+03	7.6531E+02	2.0684E+01	AU
												Ra-228	2.10000E+02	5.2868E+01	1.4288E+00	
												Subtotal	8.1818E+02	2.2113E+01		
												Total	8.1818E+02	2.2113E+01		
Shipment Totals		19.99 716.00	19141.60	19141.60										8.9925E+02	2.4304E+01	

Note 1: Container Description Codes. For containers/waste requiring disposal is approved structural overpacks the numerical code must be followed by "OP."

1. Wooden Box or Crate
2. Metal Box
3. Plastic Drum or Pail
4. Metal Drum or Pail
5. Metal Tank or Liner
6. Concrete Tank or Liner
7. Polyethylene Tank or Liner
8. Fiberglass Tank or Liner

9. Demineralizer
10. Gas Cylinder
11. Bulk, Unpackaged Waste
12. Unpackaged Components
13. High Integrity Container
19. Other. Describe in Item 5, or additional page

Note 1A: Bulk Packaging Description Codes. (Choose one code as may be applicable.)

A. Gondola
B. Intermodal
C. End-Dump
D. Roll-off
E. Seavon

Note 2: Waste Descriptor Codes. (Choose up to three which predominate by volume.)

20. Charcoal
21. Incinerator Ash
22. Soil
23. Gas
24. Oil
25. Aqueous Liquid
26. Filter Media
27. Mechanical Filter
28. EPA or State Hazardous
29. Demolition Rubble
30. Cation Ion-exchange Media
31. Anion Ion-exchange Media
32. Mixed Bed Ion-exchange Media
33. Contaminated Equipment
34. Organic Liquid (except oil)
35. Glassware or Labware
36. Sealed Source/Device
37. Paint or Plating
38. Evaporator Bottoms/Sludges/
Concentrates
39. Compactible Trash
40. Noncompactible Trash
41. Animal Carcass
42. Biological Material (except animal carcass)
43. Activated Material
49. Other. Describe in Item 12, or additional page

Note 2A: Specific Waste Descriptions. (Choose all applicable codes.)

G. Deactivated
H. Solid
I. Combustible
J. Non-combustible
K. Air Filtration Filters
L. Asbestos

Note 3: Solidification and Stabilization Media Codes. (Choose up to three which predominate by volume.) For media meeting disposal site structural stability requirements, the numerical code must be followed by "S," and the media vendor and brand name must also be identified in Item 54. Code 100=NONE REQUIRED.

Sorption
60. Speed Dr
61. Celulose
62. Floor Dry/Superfine
63. High Dry
64. Sulfur T. Sorb
65. Sulfur H. Di
66. Fluoce
67. Fluoce X
68. Solid A Sorb
69. Chemel 30
70. Chemel 50
71. Chemel 3000
72. Disperg HP200
73. Disperg HP200
74. Polysorb
75. Polysorb II
76. Aquasorb
77. Aquasorb II
78. Other. Describe in Item 54 or additional page
79. Disperg HP200
80. Cement
91. Concrete
92. Bitumen
93. Vinyl Chloride
94. Vinyl Ester Styrene
99. Other. Describe in Item 54 or additional page
100. None Required

FORM 541 (04-26-2023)

Waste Control Specialists

Manifest Number

ADDITIONAL NOTES

4433-01

PAGE 1

Carriers and Addresses

Rail Transporter #1:

Carrier: CSX Transportation, Inc.

Water Street, 15th Floor

Jacksonville, FL 32202

(502) 359-3100

EPA ID# FLA006931340

Rail Transporter #2:

Carrier: Union Pacific Railroad Company

1400 Douglas Street

Omaha, NE 68179

EPA ID# NED001792910

Rail Transporter #3:

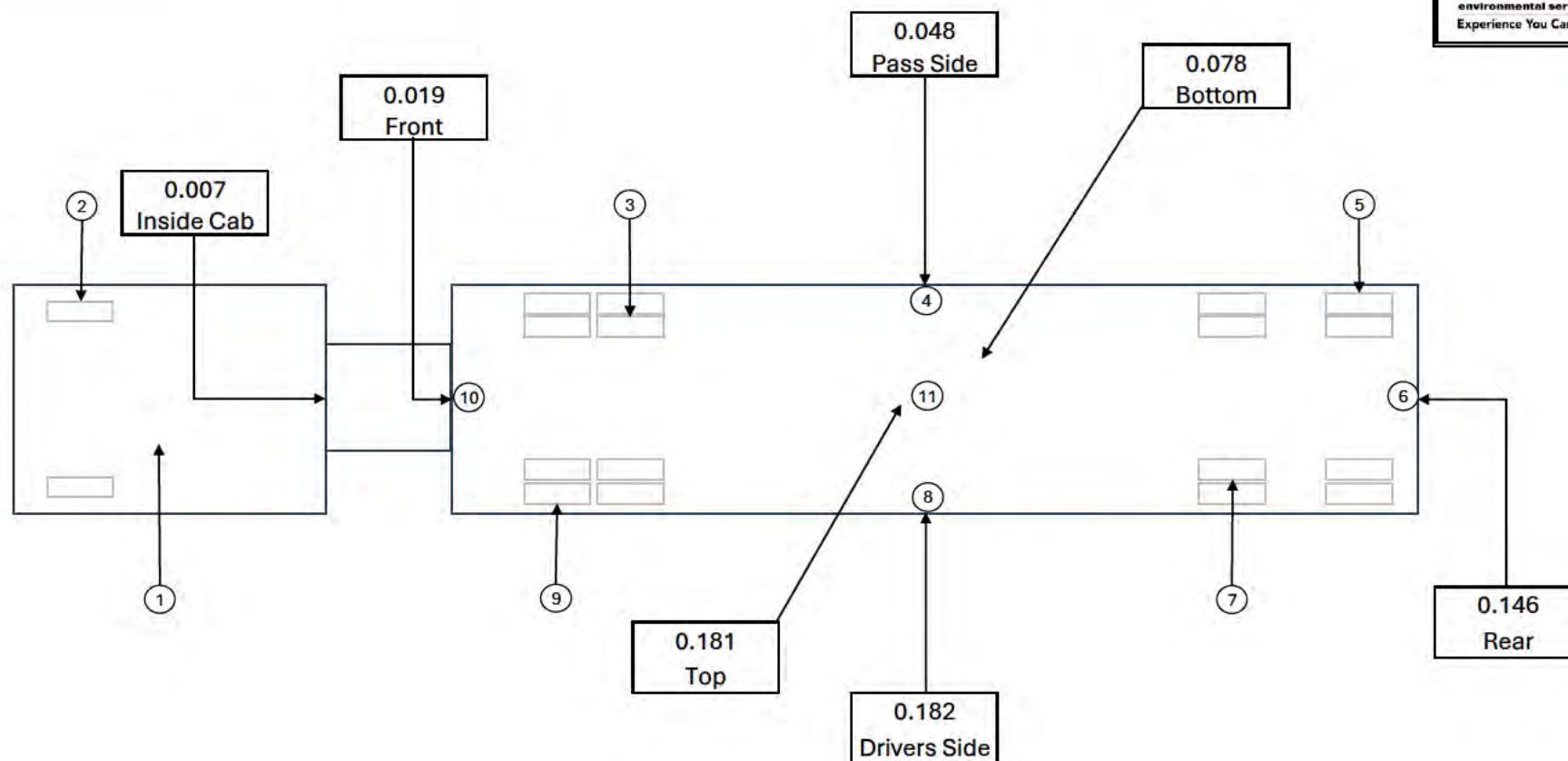
Carrier: WATCO Companies, LLC (dba Texas and New Mexico Railway)

315 West 3rd Street

Pittsburg, KS 66762

(520) 231-2230

EPA ID# NMR000020255



Tractor License Plate # 2518708 State IN Instrument Model 2350-1 44-2 Cal Due Date 7/22/2026
 Trailer License Plate # PT1815S State PA Instrument Serial Number 260157 PR273892 Background 0.008 mR/hr

Survey Number	FBF-080825-269
Date Surveyed	8/8/2025
Survey Tech	
Date Counted	8/8/2025
Count Room Tech	
Survey Type	Outgoing DOT Waste Conveyance
Level Of Posting	None

#2

FORM 540		Waste Control Specialists		Shipper ID Number		Form 540 and 540A		Page 1 of 1		1. Pages: 1		2. Pages: 1		3. Pages: 1		4. Manifest Number	
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER				5. Shipper - Name and Facility USEPA Region 1 / Fairmount Below Site 148 AFR Drive Fairmont, WV 26554		☐ COLLECTOR ☐ PROCESSOR ☒ GENERATOR TYPE (Specify) G		Form 541 and 541A Form 542 and 542A Additional Information		None		None		None		4433-02	
1. Emergency Telephone Number (Include Area Code) 1-800-635-5053				WCS Generator Certification ID NA		Shipping Number 4433-02		6. Consignee - Name and Facility Waste Control Specialists TSD Facility 8998 Highway 174 West Andrews, TX 79714		Contact (432) 865-0500		Date 9/5/25					
Organization Inkotec #contract # 58800				Contact Christine Wagner		Phone No (Include Area Code) 804-237-3049		EPA ID Number									
2. Is this an "Exclusive Use" Shipment? ☒ YES ☐ NO				3. Total Number of packages identified on this manifest? 3		8. Carrier - Name and Address Leadstar 13410 Sulfur Park Drive PO Box 13958 Jacksonville, FL 32246		Shipping Date 08/08/2025		Phone No (Include Area Code) 804-237-3049		Date 8/8/25					
4. Does EPA regulated waste requiring a manifest accompany this shipment? If "Yes" provide Manifest Number ☐ YES ☒ NO				EPA Manifest Number		Contact [Redacted]		Signature - Authorized [Redacted]		Date 8-5-25		Signature Christine Wagner		Date 8/8/25			
11. U.S. Department of Transportation Description (Including UN ID number, proper shipping name, hazard class, and any additional information)				12. DOT Label		13. Transport Index		14. Physical and Chemical Form		15. Internal Radioactivity		16. Package Activity		17. Total Weight or Volume (Use appropriate units)		18. Identifying Number of Package	
Non-DOT Regulated One IP-4 bag, WP-10598 R0				NA		NA		Solid Oxide		Ra-226 Ra-228		2.5020E+01 (5.7621E-01) MBq mCi		13000 LBS; 216 FT3		FB-12	
UN3321, Radioactive material, low specific activity (LSA-I), 7 One IP-4 bag, WP-10598 R0				NA		NA		Solid Oxide		Ra-226 Ra-228		3.2188E+02 (8.6975E+00) MBq mCi		11400 LBS; 230 FT3		FB-13	
UN3321, Radioactive material, low specific activity (LSA-I), 7 One IP-4 bag, WP-10598 R0				NA		NA		Solid Oxide		Ra-226 Ra-228		1.0036E+03 (2.7125E+01) MBq mCi		18400 LBS; 205 FT3		FB-38	
FOR CONTAINER USE ONLY				19.													
☐ Record Waste Description Inadequate ☐ Contamination or Leakage Detected ☐ Unexpected Exposure Rates Detected ☐ Labels, Markings, etc. Inadequate ☐ Container Integrity Inadequate ☐ Other ☐ No Violations Detected on this Shipment																	

#2

FORM 540 Waste Control Specialists UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		5. Shipper - Name and Facility USEPA Region 3 / Fairmont Brine Site 168 AFR Drive Fairmont, WV 26554		Shipper ID Number NA ☐ COLLECTOR ☐ PROCESSOR ☒ GENERATOR TYPE (Specify) G		7. Form 540 and 540A Form 541 and 541A Form 542 and 542A Additional Information		Page 1 of 1 1 Page(s) 1 Page(s) None Page(s) 1 Page(s)		8. Manifest Number 4433-02					
1. Emergency Telephone Number (Include Area Code) 1-800-535-5053		WCS Generator Certification ID NA		Shipment Number 4433-02		9. Consignee - Name and Facility Waste Control Specialists TSD Facility 9998 Highway 176 West Andrews, TX 79714		Contact [Redacted]		Date [Redacted]					
Organization Infotrac # (contract # 98800)		Contact Christine Wagner		Phone No (Include Area Code) 804-337-3049		Signature - Authorized consignee acknowledging waste receipt [Redacted]		Date [Redacted]		10. CERTIFICATION This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, the Commission, and equivalent state regulations. For materials that are consigned to a land disposal facility or waste collector, this certifies that the materials are classified per the applicable requirements of 10 CFR Part 61, meet the land disposal facility's waste acceptance criteria, and are in proper condition for disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations. A collector in signing the certification is certifying that nothing has been done to the collected waste which would invalidate the waste generator's certification.					
2. Is this an "Exclusive Use" Shipment? ☒ YES ☐ NO		3. Total Number of packages identified on this manifest? 3		6. Carrier - Name and Address Landstar 13410 Sultan Park Drive PO Box 19060 Jacksonville, FL 32245		EPA ID Number [Redacted]		Shipping Date 08/06/2025		Phone No (Include Area Code) [Redacted]					
4. Does EPA regulated waste requiring a manifest accompany this shipment? If "Yes," provide Manifest Number ☐ YES ☒ NO		EPA Manifest Number [Redacted]		Contact [Redacted]		Signature - Authorized carrier acknowledging waste receipt [Redacted]		Date 8-8-25		Authorized Signature and Title Christine Wagner					
11. U.S. Department of Transportation Description (Including UN ID number, proper shipping name, hazard class, and any additional information)		12. DOT Labels		13. Transport Index		14. Physical and Chemical Form		15. Individual Radionuclides		16. Maximum Package Activity MBq mCi		17. Total Weight or Volume (Use appropriate units)		18. Identification Number of Package	
Non-DOT Regulated One IP-1 bag, WP-10598 R0		NA		NA		Solid Oxide		Ra-226 Ra-228		2.5020E+01 (6.7621E-01)		13000 LBS; 216 FT3		FB-12	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R0		NA		NA		Solid Oxide		Ra-226 Ra-228		3.2180E+02 (8.6975E+00)		11400 LBS; 230 FT3		FB-13	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R0		NA		NA		Solid Oxide		Ra-226 Ra-228		1.0036E+03 (2.7125E+01)		18400 LBS; 205 FT3		FB-38	
FOR CONSIGNEE USE ONLY												19.			
Record Waste Description Inadequate Contamination or Leakage Detected Unexpected Exposure Rates Detected Labels, Markings, etc. Inadequate Container Integrity Inadequate Other No Violations Detected on this Shipment															

FORM 541										Waste Control Specialists										1. Manifest Totals										2. Manifest Number	
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST										Special Nuclear Material (grams)										4433-02											
CONTAINER AND WASTE DESCRIPTION										Activity										3. Page 1 of 1 Page(s)											
Additional Nuclear Regulatory Commission (NRC) Requirements for Control, Transfer and Disposal of Radioactive Waste										Source (kg)										4. Shipper Name USEPA Region 3 / Fairmont Brine Site											
										MBq										Shipment ID Number											
										mCi										NA											
Disposal Container Description										Physical Description										Waste Description for Each Waste Type in Container										17. Waste Class	
5. Container Identification Number/Generator ID Number(s)	6. Container Description (See Note 1 & Note 1A)	7. Volume (m ³) (l)	8. Waste and Container Weight (kg) (lb)	9. Waste Weight (kg) (lb)	10. Surface Radiation Level (mSv/hr) (mrem/hr)	11. Surface Contamination (MBq/100 cm ²) (dpm/100 cm ²)	12. Waste Descriptor (See Notes 2 & 2A)		13. Approximate Waste Volume(s) in Container (m ³) (l)	14. Sorbent Solidification, Stabilization, Media (See Note 3)	15. Chemical Description	Weight % Chelating Agent if > 0.1%	16. Radiological Description				17. Waste Class														
						Alpha	Beta-Gamma							Individual Radionuclides and Activity (MBq) and Container Total, or Container Total Activity and Radionuclide Percent				AS-Class A Stable AU-Class A Unstable B-Class B C-Class C													
														Radionuclides																	
FB-1214433	19 SOFT SIDED BAG	6.12	5896.70	5896.70	<3.000E-03	<3.340E-07	<1.670E-05	22-H	6.12	89 - OTHER.	Oxide/NP	NP	Ra-226	1.05965E+02	2.3119E+01	6.2484E-01	AU														
		216.00	13000.00	13000.00	<5.000E-01	<2.000E+01	<1.000E+03		216.00				Ra-228	8.71186E+00	1.9007E+00	5.1371E-02															
													Subtotal	2.5020E+01	6.7621E-01																
													Total	2.5020E+01	6.7621E-01																
FB-1314433	19 SOFT SIDED BAG	6.51	5170.95	5170.95	<5.000E-03	<3.340E-07	<1.670E-05	22-H	6.51	89 - OTHER.	Oxide/NP	NP	Ra-226	1.57300E+03	3.0095E+02	8.1339E+00	AU														
		230.00	11400.00	11400.00	<5.000E-01	<2.000E+01	<1.000E+03		230.00				Ra-228	1.09000E+02	2.0854E+01	5.6363E-01															
													Subtotal	3.2180E+02	8.6975E+00																
													Total	3.2180E+02	8.6975E+00																
FB-3814433	19 SOFT SIDED BAG	5.80	8346.10	8346.10	<5.000E-03	<3.340E-07	<1.670E-05	22-H	5.80	89 - OTHER.	Oxide/NP	NP	Ra-226	3.04000E+03	9.3876E+02	2.5372E+01	AU														
		205.00	18400.00	18400.00	<5.000E-01	<2.000E+01	<1.000E+03		205.00				Ra-228	2.10000E+02	6.4850E+01	1.7527E+00															
													Subtotal	1.0036E+03	2.7125E+01																
													Total	1.0036E+03	2.7125E+01																
Shipment Totals		18.43	19413.75	19413.75											1.3504E+03	3.6498E+01															
		651.00	42800.00	42800.00																											

Note 1: Container Description Codes. For containers/waste requiring disposal in approved structural overpacks the numerical code must be followed by "OP."

1. Wooden Box or Crate	9. Demineralizer
2. Metal Box	10. Gas Cylinder
3. Plastic Drum or Pail	11. Bulk, Unpackaged Waste
4. Metal Drum or Pail	12. Unpackaged Components
5. Metal Tank or Liner	13. High Integrity Container
6. Concrete Tank or Liner	19. Other. Describe in Item 6, or additional page
7. Polyethylene Tank or Liner	
8. Fiberglass Tank or Liner	

Note 1A: Bulk Packaging Description Codes. (Choose one code as may be applicable.)

A. Gondola
B. Intermodal
C. End-Dump
D. Roll-off
E. Seavon

Note 2: Waste Descriptor Codes. (Choose up to three which predominate by volume.)

20. Charcoal	29. Demolition Rubble	38. Evaporator Bottoms/Sludges/Concentrates
21. Incinerator Ash	30. Cation Ion-exchange Media	39. Compactible Trash
22. Soil	31. Anion Ion-exchange Media	40. Noncompactible Trash
23. Gas	32. Mixed Bed Ion-exchange Media	41. Animal Carcass
24. Oil	33. Contaminated Equipment	42. Biological Material (except animal carcass)
25. Aqueous Liquid	34. Organic Liquid (except oil)	43. Activated Material
26. Filter Media	35. Glassware or Labware	59. Other. Describe in Item 12, or additional page
27. Mechanical Filter	36. Sealed Source/Device	
28. EPA or State Hazardous	37. Paint or Plating	

Note 2A: Specific Waste Descriptions. (Choose all applicable codes.)

G. Dewatered
H. Solid
I. Combustible
J. Non-combustible
K. Air Filtration Filters
L. Asbestos

Note 3: Solidification and Stabilization Media Codes. (Choose up to three which predominate by volume.) For media meeting disposal site structural stability requirements, the numerical code must be followed by "S," and the media vendor and brand name must also be identified in Item 14. Code 100=NONE REQUIRED.

Sorption	67. Flonox X	74. Petrosel	Solidification
60. Speed Dri	68. Solid A Sorb	75. Petrosel II	90. Cement
61. Celatom	69. Chemal 30	76. Aquaset	91. Concrete
62. Floor Dry/Superfine	70. Chemal 50	77. Aquaset II	92. Bitumen
63. High Dri	71. Chemal 2030	89. Other. Describe in Item 14 or additional page	93. Vinyl Chloride
64. Safe T Sorb	72. Desaper HP200		100. None Required
65. Safe N Dri	73. Desaper HP500		
66. Flonox			

Waste Control Specialists	Manifest Number
ADDITIONAL NOTES	4433-02
	PAGE 1

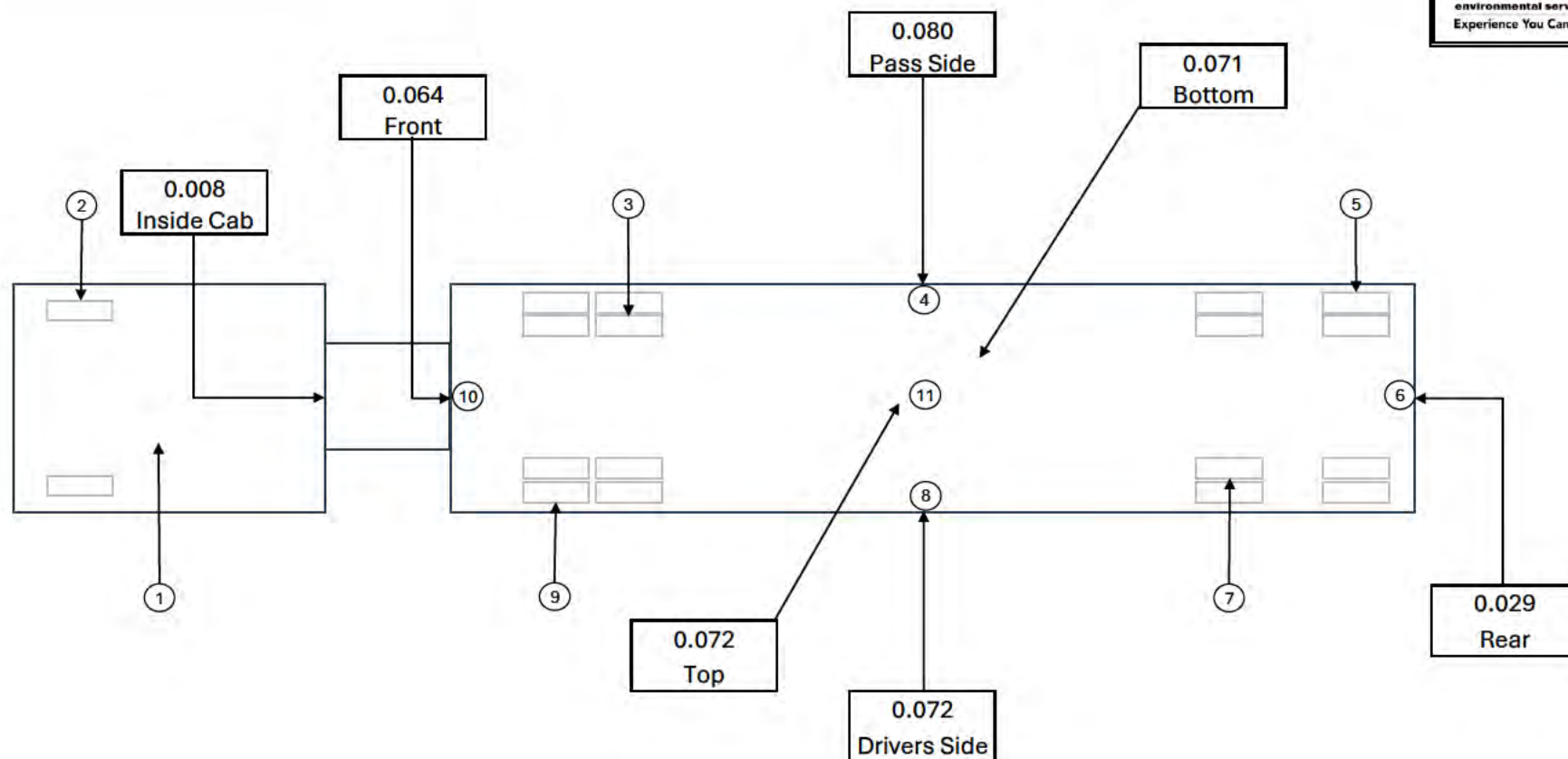
Carriers and Addresses

Rail Transporter #1:
Carrier: CSX Transportation, Inc.
Water Street, 15th Floor
Jacksonville, FL 32202
(502) 359-3100
EPA ID# FLA006931340

Rail Transporter #2:
Carrier: Union Pacific Railroad Company
1400 Douglas Street
Omaha, NE 68179
EPA ID# NED001792910

Rail Transporter #3:
Carrier: WATCO Companies, LLC (dba Texas and New Mexico Railway)
315 West 3rd Street
Pittsburg, KS 66762
(520) 231-2230
EPA ID# NMR000020255

Survey Number		FBF-080825-270		Item Surveyed		Tractor Lic Plate: 3557620		State: IN		Trailer Lic Plate: 264614B		State: ME		 PermaFix environmental services Experience You Can Trust		
Date Surveyed		8/8/2025		Comments		Removable activity measurements listed on this survey were taken in accordance with US Department of Transportation 49 CFR § 173.443. As such, smears were collected over a 300 cm² area and the activity is reported in dpm/cm². Alpha removable activity limit: 24 dpm/cm² Beta-gamma removable activity limit: 240 dpm/cm²										
Survey Tech		J. [REDACTED]		Total Activity displayed in dpm/100cm²												
Date Counted		8/8/2025														
Count Room Tech		[REDACTED]														
Survey Type		Outgoing DOT Waste Conveyance		Gamma Activity			Total Activity			Removable Activity						
Level Of Posting		None		Dose Rate		Count Rate		Alpha		Beta-Gamma		Alpha		Beta-Gamma		
Instrument Model				See Second Page For Dose Rate Information								3030		3030		
Instrument Serial Number												271327		271327		
Cal Due Date												3/26/2026		3/26/2026		
Instrument Efficiency		N/A										32.32%		23.52%		
Smear Efficiency		N/A				N/A		N/A		N/A		10%		10%		
Probe Correction Factor		N/A				1		1		1		300		300		
Background Count Time (min)						1		1		1		60		60		
Sample Count Time (min)						1		1		1		0.5		0.5		
Instrument Background												17		2051		
MDC						N/A						0.09		0.47		
No	Description/Location					Gross cpm		Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity
1	Floor - inside cab													0	0	-0.03
2	Tire - front passenger side													0	0	-0.03
3	Tire - tractor rearmost inner													0	0	-0.03
4	Package - passenger side													1	2	0.18
5	Tire - trailer rearmost outer													1	2	0.18
6	Trailer - rear deck													1	2	0.18
7	Tire - trailer frontmost inner													0	0	-0.03
8	Package - drivers' side													2	4	0.38
9	Tire - tractor middle outer													0	0	-0.03
10	Trailer - front deck													0	0	-0.03
11	Package - top													0	0	-0.03



Tractor License Plate # 3557620

State IN

Instrument 2350-1

Model 44-2

Cal Due Date 7/22/2026

Trailer License Plate # 264614B

State ME

Instrument 260157
Serial Number PR273892

Background 0.008 mR/hr

Survey Number	FBF-080825-270
Date Surveyed	8/8/2025
Survey Tech	
Date Counted	8/8/2025
Count Room Tech	
Survey Type	Outgoing DOT Waste Conveyance
Level Of Posting	None

Reviewed By

Date 8/9/2025

#3p

EP

FORM 540		Waste Control Specialists		5. Shipper - Name and Facility USEPA Region 3 / Fairmont Brine Site 168 AFR Drive Fairmont, WV 26554		Shipper ID Number NA ☐ COLLECTOR ☐ PROCESSOR		7. Form 540 and 540A Form 541 and 541A Form 542 and 542A Additional Information		Page 1 of 1 Page(s) 1 Page(s) None Page(s) None Page(s)		8. Manifest Number 4433-03					
1. Emergency Telephone Number 1-800-535-5053 (Include Area Code)				WCS Generator Certification ID NA		Shipment Number 4433-03		9. Consignee - Name and Facility Waste Control Specialists LLC TSD Facility 9998 Highway 176 West Andrews, TX 79714				Contact [Redacted] Phone No (Include Area Code) [Redacted] Signature - Authorized consignee acknowledging waste receipt Date					
Organization Infotrac # (contract # 95800)				Contact Christine Wagner		Phone No (Include Area Code) 804-337-3049		EPA I.D. Number		10. CERTIFICATION This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, the Commission, and equivalent state regulations. For materials that are consigned to a land disposal facility or waste collector, this certifies that the materials are classified per the applicable requirements of 10 CFR Part 61, meet the land disposal facility's waste acceptance criteria, and are in proper condition for disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations. A collector in signing the certification is certifying that nothing has been done to the collected waste which would invalidate the waste generator's certification.							
2. Is this an "Exclusive Use" Shipment? ☒ YES ☐ NO				3. Total Number of packages identified on this manifest? 2		6. Carrier - Name and Address Landstar 13410 Sultan Park Drive PO Box 19060 Jacksonville, FL 32245		Shipping Date 06/08/2025		Signature - Authorized carrier acknowledging waste receipt Date							
4. Does EPA regulated waste requiring a manifest accompany this shipment? If "Yes," provide Manifest Number ☐ YES ☒ NO				EPA Manifest Number		Contact [Redacted] Signature - Authorized carrier acknowledging waste receipt [Redacted]		Phone No (Include Area Code) [Redacted] Date [Redacted]		Signature and Title Christine Wagner EPA 8/18/25							
11. U.S. Department of Transportation Description (Including UN ID number, proper shipping name, hazard class, and any additional information)				12. DOT Labels		13. Transport Index		14. Physical and Chemical Form		15. Individual Radionuclides		16. Maximum Package Activity MBq mCi		17. Total Weight or Volume (Use appropriate units)		18. Identification Number of Package	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-I bag, WP-10598 R0				NA		NA		Solid Oxide		Ra-226 Ra-228		8.1817E+02 (2.2113E+01)		15000 LBS; 236 FT3		FB-19	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-I bag, WP-10498 R0				NA		NA		Solid Oxide		Ra-226 Ra-228		5.9999E+02 (1.6216E+01)		11000 LBS; 230 FT3		FB-36	
FOR CONSIGNEE USE ONLY				Record Waste Description Inadequate Contamination or Leakage Detected Unexpected Exposure Rates Detected Labels, Markings, etc. Inadequate Container Integrity Inadequate Other No Violations Detected on this Shipment		19.											

FORM 541 (04-26-2023)

3

Waste Control Specialists

Manifest Number

ADDITIONAL NOTES

4433-03

PAGE 1

Carriers and Addresses

Rail Transporter #1:

Carrier: CSX Transportation, Inc.

Water Street, 15th Floor

Jacksonville, FL 32202

(502) 359-3100

EPA ID# FLA006931340

Rail Transporter #2:

Carrier: Union Pacific Railroad Company

1400 Douglas Street

Omaha, NE 68179

EPA ID# NED001792910

Rail Transporter #3:

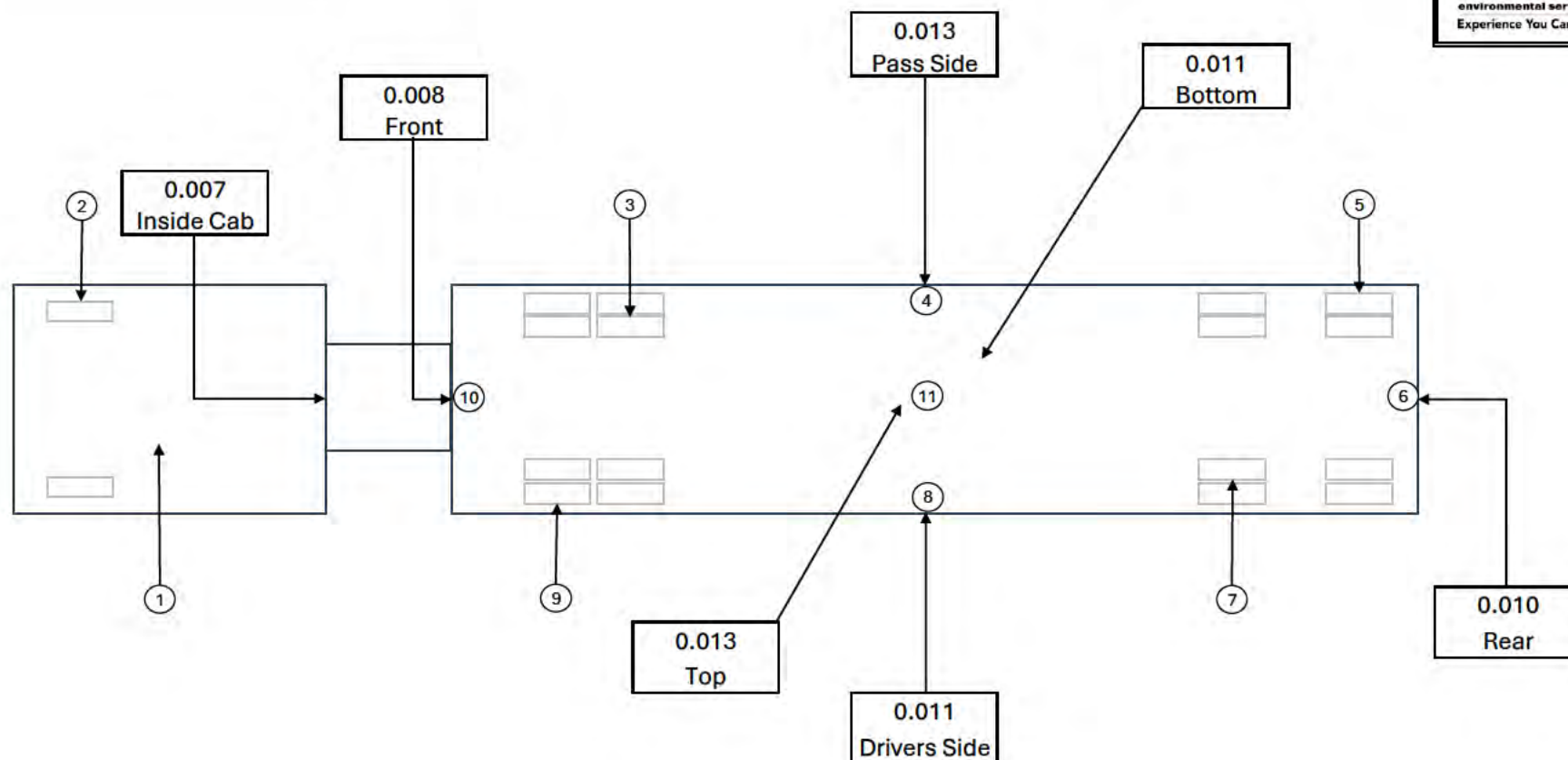
Carrier: WATCO Companies, LLC (dba Texas and New Mexico Railway)

315 West 3rd Street

Pittsburg, KS 66762

(520) 231-2230

EPA ID# NMR000020255



Tractor License Plate # 3210649

State IN

Instrument 2350-1

Model 44-2

Cal Due Date 7/22/2026

Trailer License Plate # C492004

State WV

Instrument 260157
Serial Number PR273892

Background 0.008 mR/hr

Survey Number	FBF-080825-271
Date Surveyed	8/8/2025
Survey Tech	
Date Counted	8/8/2025
Count Room Tech	
Survey Type	Outgoing DOT Waste Conveyance
Level Of Posting	None

Reviewed By

Date 8/8/2025

#4

FORM 540		Waste Control Specialists		Shipper - Name and Facility USEPA Region 3 / Fairmont Brine Site 188 AFR Drive Fairmont, WV 26554		Shipper ID Number NA ☐ COLLECTOR ☐ PROCESSOR ☒ GENERATOR TYPE (Specify) 0		Form 540 and 540A Page 1 of 1 Page(s) Form 541 and 541A 1 Page(s) Form 542 and 542A None Page(s) Additional Information 1 Page(s)		Manifest Number 4433-04	
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER				WCS Generator Certification ID NA		Shipment Number 4433-04		Contact Christine Wagner 804-327-3048		7. Consignee - Name and Facility Waste Control Specialists TSD Facility 9998 Highway 176 West Andrews, TX 79714 Contact [Redacted] (432) 635-8500 Date 9/5/25	
1. Emergency Telephone Number (Include Area Code) 1-800-535-5053				2. Is this an "Exclusive Use" Shipment? ☒ YES ☐ NO		3. Total Number of packages identified on this manifest? 3		4. Does EPA regulated waste requiring a manifest accompany this shipment? If "Yes," provide Manifest Number ☐ YES ☒ NO		5. Carrier - Name and Address Ladstar 13410 Sultana Park Drive PO Box 18060 Jacksonville, FL 32245 Signature - [Redacted]	
6. U.S. Department of Transportation Description (Including UN ID number, proper shipping name, hazard class, and any additional information.)				12. DOT Labels		13. Transport Index		14. Physical and Chemical Form		15. Individual Radionuclides	
Non-DOT Regulated One IP-1 bag, WP-10598 R0				NA		NA		Solid Oxide		Ra-226 Ra-228	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R0				NA		NA		Solid Oxide		Ra-226 Ra-228	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R0				NA		NA		Solid Oxide		Ra-226 Ra-228	
FOR CONSIGNEE USE ONLY				19. Record Waste Description Inadequate Contamination or Leakage Detected Unexpected Exposure Rates Detected Labels, Markings, etc. Inadequate Container Integrity Inadequate Other No Violations Detected on this Shipment		19.					

14

ER

FORM 540 Waste Control Specialists UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		5. Shipper - Name and Facility USEPA Region 3 / Fairmont Brine Site 168 AFR Drive Fairmont, WV 26554		Shipper ID Number NA ☐ COLLECTOR ☐ PROCESSOR ☒ GENERATOR TYPE (Specify) G		7. Form 540 and 540A Page 1 of 1 1 Page(s) Form 541 and 541A 1 Page(s) Form 542 and 542A None Page(s) Additional Information 1 Page(s)		8. Manifest Number 4433-04	
1. Emergency Telephone Number (Include Area Code) 1-800-535-5053		WGS Generator Certification ID NA		Shipment Number 4433-04		9. Consignee - Name and Facility Waste Control Specialists TSD Facility 9998 Highway 176 West Andrews, TX 79714		Contact [Redacted] Phone No (Include Area Code) [Redacted] Date [Redacted]	
Organization Infotrac # (contract # 98800)		Contact Christine Wagner		Phone No (Include Area Code) 804-337-3049		Signature - Authorized consignee acknowledging waste receipt [Redacted]		Date [Redacted]	
2. Is this an "Exclusive Use" Shipment? ☒ YES ☐ NO		3. Total Number of packages identified on this manifest? 3		6. Carrier - Name and Address Landstar 13410 Sultan Park Drive PO Box 19060 Jacksonville, FL 32245		EPA ID Number [Redacted]		10. CERTIFICATION "This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, the Commission, and equivalent state regulations. For materials that are consigned to a land disposal facility or waste collector, this certifies that the materials are classified per the applicable requirements of 10 CFR Part 61, meet the land disposal facility's waste acceptance criteria, and are in proper condition for disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations. A collector in signing this certification is certifying that nothing has been done to the collected waste which would invalidate the waste generator's certification."	
4. Does EPA regulated waste requiring a manifest accompany this shipment? If "Yes," provide Manifest Number ☐ YES ☒ NO		EPA Manifest Number [Redacted]		Contact [Redacted]		Phone No (Include Area Code) [Redacted]		Signature - Authorized carrier acknowledging waste receipt [Redacted] Date 8-8-25	
11. U.S. Department of Transportation Description (Including UN ID number, proper shipping name, hazard class, and any additional information)		12. DOT Labels		13. Transport Index		14. Physical and Chemical Form		15. Individual Radionuclides	
Non-DOT Regulated One IP-I bag, WP-10598 R0		NA		NA		Solid Oxide		Ra-226 Ra-228	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-I bag, WP-10598 R0		NA		NA		Solid Oxide		Ra-226 Ra-228	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-I bag, WP-10598 R0		NA		NA		Solid Oxide		Ra-226 Ra-228	
FOR CONSIGNEE USE ONLY		19.		Record Waste Description Inadequate Contamination or Leakage Detected Unexpected Exposure Rates Detected Labels, Markings, etc. Inadequate Container Integrity Inadequate Other No Violations Detected on this Shipment		16. Maximum Package Activity MBq mCi 2.3865E+01 (6.4500E-01)		17. Total Weight or Volume (Use appropriate units) 12400 LBS; 252 FT3	
								18. Identification Number of Package FB-11	
								FB-20	
								FB-21	

FORM 541

Waste Control Specialists

UNIFORM LOW-LEVEL RADIOACTIVE
WASTE MANIFEST

CONTAINER AND WASTE DESCRIPTION

Additional Nuclear Regulatory Commission (NRC) Requirements for Control, Transfer and
Disposal of Radioactive Waste

1. Manifest Totals		2. Manifest Number	
No. of Pkgs/ Disposal Containers	Net Waste Volume (m³)	Net Waste Weight (kg)	Special Nuclear Material (grams)
			U-233 U-235 Pu Total
3	20.24 28.50 715 724.00	18506.57 40800.00	NP NP NP NP
Activity			Source (kg)
All Nucleides Tritium C-14 To-99 I-129			(kg) NA
MBq	1.5730E+03	NP	(lb) NA
mCi	4.2512E+01	NP	NA

Disposal Container Description						Waste Description for Each Waste Type in Container										17. Waste Class AS-Class A Stable AU-Class A Unstable B-Class B C-Class C				
5. Container Identification Number/Generator ID Number(s)	6. Container Description (See Note 1 & Note 1A)	7. Volume (m³) (ft³)	8. Waste and Container Weight (kg) (lb)	9. Waste Weight (kg) (lb)	10. Surface Radiation Level (mSv/hr) (mrem/hr)	11. Surface Contamination (MBq/100 cm²) (dpm/100 cm²)		12. Waste Descriptor (See Notes 2 & 2A)		13. Approximate Waste Volume(s) in Container (m³) (ft³)		14. Sorbent Solidification, Stabilization, Media (See Note 3)		15. Chemical Description			16. Radiological Description			
						Alpha	Beta-Gamma	Chemical Form/ Chelating Agent	Weight % Chelating Agent if > 0.1%	Individual Radionuclides and Activity (MBq) and Container Total, or Container Total Activity and Radionuclide Percent										
FB-11/4433	19 SOFT SIDED BAG	20.24 28.50 715 724.00	5624.55 12400.00	5624.55 12400.00	<5.000E-03 <5.000E-01	<3.340E-07 <2.000E+01	<1.670E-05 <1.000E+03	22-H	7.14 252.00	89 - OTHER.	Oxide/NP	NP	Ra-226 Ra-228 Subtotal Total	1.05965E+02 8.71186E+00 2.3865E+01 2.3865E+01	2.2052E+01 1.8130E+00 6.4500E-01 6.4500E-01	5.9600E-01 4.9000E-02 6.4500E-01 6.4500E-01	AU			
FB-20/4433	19 SOFT SIDED BAG	6.68 236.00	5441.01 14200.00	5441.01 14200.00	<5.000E-03 <5.000E-01	<3.340E-07 <2.000E+01	<1.670E-05 <1.000E+03	22-H	6.68 236.00	89 - OTHER.	Oxide/NP	NP	Ra-226 Ra-228 Subtotal Total	3.0400E+03 2.1000E+02 7.7455E+02 7.7455E+02	7.2450E+02 5.0046E+01 2.0934E+01 2.0934E+01	1.9581E+01 1.3526E+00 2.0934E+01 2.0934E+01	AU			
FB-21/4433	19 SOFT SIDED BAG	6.68 236.00	5441.01 14200.00	5441.01 14200.00	<5.000E-03 <5.000E-01	<3.340E-07 <2.000E+01	<1.670E-05 <1.000E+03	22-H	6.68 236.00	89 - OTHER.	Oxide/NP	NP	Ra-226 Ra-228 Subtotal Total	3.0400E+03 2.1000E+02 7.7455E+02 7.7455E+02	7.2450E+02 5.0046E+01 2.0934E+01 2.0934E+01	1.9581E+01 1.3526E+00 2.0934E+01 2.0934E+01	AU			
Shipment Totals		20.24 28.50 715 724.00	18506.57 40800.00	18506.57 40800.00											1.5730E+03 4.2512E+01					

Note 1: Container Description Codes. For containers/
waste requiring disposal in approved structural over-
packs the numerical code must be followed by "-OP."

- | | |
|-------------------------------|--|
| 1. Wooden Box or Crate | 9. Demineralizer |
| 2. Metal Box | 10. Gas Cylinder |
| 3. Plastic Drum or Pail | 11. Bulk, Unpackaged Waste |
| 4. Metal Drum or Pail | 12. Unpackaged Components |
| 5. Metal Tank or Liner | 13. High Integrity Container |
| 6. Concrete Tank or Liner | 19. Other. Describe in Item 6,
or additional page |
| 7. Polyethylene Tank or Liner | |
| 8. Fiberglass Tank or Liner | |

Note 1A: Bulk Packaging
Description Codes. (Choose
one code as may be
applicable.)

- | |
|---------------|
| A. Gondola |
| B. Intermodal |
| C. End-Dump |
| D. Roll-off |
| E. Seavan |

Note 2: Waste Descriptor Codes. (Choose up to three which predominate by volume.)

- | | | |
|-------------------------------|----------------------------------|---|
| 20. Charcoal | 29. Demolition Rubble | 38. Evaporator Bottoms/Sludges/
Concentrates |
| 21. Incinerator Ash | 30. Cation Ion-exchange Media | 39. Compactible Trash |
| 22. Soil | 31. Anion Ion-exchange Media | 40. Noncompactible Trash |
| 23. Gas | 32. Mixed Bed Ion-exchange Media | 41. Animal Carcass |
| 24. Oil | 33. Contaminated Equipment | 42. Biological Material (except
animal carcass) |
| 25. Aqueous Liquid | 34. Organic Liquid (except oil) | 43. Activated Material |
| 26. Filter Media | 35. Glassware or Labware | 59. Other. Describe in Item 12,
or additional page |
| 27. Mechanical Filter | 36. Sealed Source/Device | |
| 28. EPA or State
Hazardous | 37. Paint or Plating | |

Note 2A: Specific Waste
Descriptions. (Choose all
applicable codes.)

- | |
|---------------------------|
| G. Dewatered |
| H. Solid |
| I. Combustible |
| J. Non-combustible |
| K. Air Filtration Filters |
| L. Asbestos |

Note 3: Solidification and Stabilization Media Codes. (Choose up to three which predominate
by volume.) For media meeting disposal site structural stability requirements, the numerical
code must be followed by "-S." and the media vendor and brand name must also be identified
in Item 14. Code 100=NONE REQUIRED.

- | | | | | |
|-------------------------|------------------|---|---------------------------------|--|
| Sorption | 67. Florco X | 74. Petroset | Solidification | 94. Vinyl Ester Styrene |
| 80. Speed Dri | 68. Solid A Sorb | 75. Petroset II | 90. Cement | 99. Other. Describe
in Item 14, or
additional page |
| 61. Celestion | 69. Chemal 30 | 76. Aquaset | 91. Concrete
(encapsulation) | |
| 62. Fiber Dry/Superfine | 70. Chemal 50 | 77. Aquaset II | 92. Bitumen | |
| 63. High Dri | 71. Chemal 3030 | 89. Other. Describe in
Item 14 or additional
page | 93. Vinyl Chloride | 100. None Required |
| 64. Safe T Sorb | 72. Diaper HP200 | | | |
| 65. Safe N Dri | 73. Diaper HP500 | | | |

4

Waste Control Specialists

Manifest Number

ADDITIONAL NOTES

4433-04

PAGE 1

Carriers and Addresses

Rail Transporter #1:

Carrier: CSX Transportation, Inc.

Water Street, 15th Floor

Jacksonville, FL 32202

(502) 359-3100

EPA ID# FLA006931340

Rail Transporter #2:

Carrier: Union Pacific Railroad Company

1400 Douglas Street

Omaha, NE 68179

EPA ID# NED001792910

Rail Transporter #3:

Carrier: WATCO Companies, LLC (dba Texas and New Mexico Railway)

315 West 3rd Street

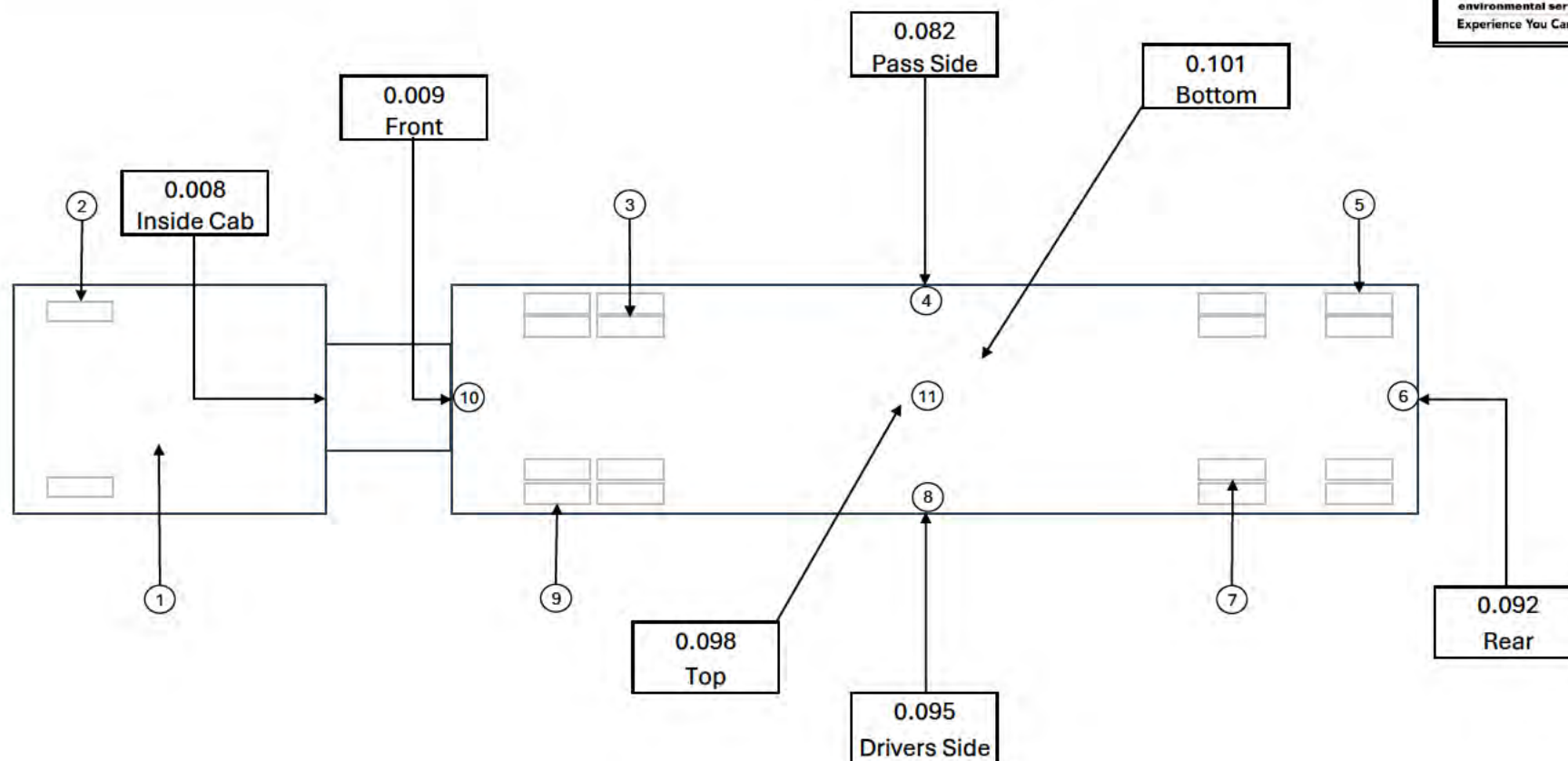
Pittsburg, KS 66762

(520) 231-2230

EPA ID# NMR000020255

Survey Number FBF-080825-272		Item Surveyed Tractor Lic Plate: 2518708 State: IN Trailer Lic Plate: PT1815S State: PA		 Total Activity displayed in dpm/100cm²							
Date Surveyed 8/8/2025		Comments Removable activity measurements listed on this survey were taken in accordance with US Department of Transportation 49 CFR § 173.443. As such, smears were collected over a 300 cm² area and the activity is reported in dpm/cm². Alpha removable activity limit: 24 dpm/cm² Beta-gamma removable activity limit: 240 dpm/cm²									
Survey Tech [REDACTED]											
Date Counted 8/8/2025											
Count Room Tech [REDACTED]											
Survey Type Outgoing DOT Waste Conveyance		Gamma Activity		Total Activity							
Level Of Posting None		Dose Rate		Removable Activity							
		Count Rate		Alpha Beta-Gamma							
Instrument Model				Alpha Beta-Gamma							
Instrument Serial Number				3030 3030							
Cal Due Date				271327 271327							
Instrument Efficiency		N/A		3/26/2026 3/26/2026							
Smear Efficiency		N/A		32.32% 23.52%							
Probe Correction Factor		N/A		10% 10%							
Background Count Time (min)		N/A		300 300							
Sample Count Time (min)				60 60							
Instrument Background				0.5 0.5							
MDC		N/A		17 2051							
				0.09 0.47							
No	Description/Location	Gross cpm	Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity
1	Floor - inside cab								0	0	-0.03
2	Tire - front passenger side								1	2	0.18
3	Tire - tractor rearmost inner								0	0	-0.03
4	Package - passenger side								1	2	0.18
5	Tire - trailer rearmost outer								0	0	-0.03
6	Trailer - rear deck								0	0	-0.03
7	Tire - trailer frontmost inner								0	0	-0.03
8	Package - drivers' side								0	0	-0.03
9	Tire - tractor middle outer								0	0	-0.03
10	Trailer - front deck								1	2	0.18
11	Package - top								2	4	0.38

See Second Page
For Dose Rate Information



Tractor License Plate # 2518708

State IN

Instrument 2350-1

Model 44-2

Cal Due Date 7/22/2026

Trailer License Plate # PT1815S

State PA

Instrument 260157
Serial Number PR273892

Background 0.008 mR/hr

Survey Number	FBF-080825-272
Date Surveyed	8/8/2025
Survey Tech	
Date Counted	8/8/2025
Count Room Tech	
Survey Type	Outgoing DOT Waste Conveyance
Level Of Posting	None

Reviewed By

45R

FORM 540		Waste Control Specialists		Shipper ID Number		Form 540 and 540A		Page 1 of		Pages:		Total:		Manifest Number:	
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		1. Shipper - Name and Facility USEPA Region 2 / Fairmont Brine Site 166 AFN Drive Fairmont, WV 26554		NA		Form 541 and 541A		1 Page(s)		1 Page(s)		1 Page(s)		4433-05	
2. Emergency Telephone Number 1-800-635-6053		3. Total Number of packages identified on this manifest 3		4. Does EPA regulated waste requiring a manifest accompany this shipment? ☒ YES ☐ NO		5. Consignee - Name and Facility Waste Control Specialists LLC TSD Facility 9906 Highway 176 West Andrews, TX 79714		6. Consignee - Name and Facility Waste Control Specialists LLC TSD Facility 9906 Highway 176 West Andrews, TX 79714		7. Date 9/5/25		8. Signature [Signature]		9. Date 9/5/25	
10. Organization In/Out: 8 (contract # 96800)		11. WQS Generator Certification ID RA		12. Shipment Number 4433-05		13. Generator Type ☒ COLLECTOR ☐ PROCESSOR ☐ GENERATOR TYPE (Specify) Q		14. Phone No (Include Area Code) 806-327-3688		15. EPA ID Number		16. Shipping Date 8/26/2025		17. Phone No (Include Area Code)	
18. Contact Christina Wagner		19. Contact [Redacted]		20. EPA ID Number		21. Shipping Date		22. Phone No (Include Area Code)		23. Signature [Signature]		24. Date 9/5/25		25. Signature [Signature]	
26. EPA Manifest Number		27. Contact [Redacted]		28. Signature [Signature]		29. Date 9/5/25		30. Signature [Signature]		31. Date 9/5/25		32. Signature [Signature]		33. Date 9/5/25	
34. U.S. Department of Transportation Description (including UN ID number, proper shipping name, hazard class, and any additional information)		35. DOT Label		36. Physical and Chemical Form		37. Individual Radioactivity		38. Package Activity		39. Total Weight or Volume (Use appropriate units)		40. Identification Number of Package		41. Signature [Signature]	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RO		NA		Solid Oxide		Ra-226 Ra-228		8.7271E+02 (2.3587E+01)		16000 LBS; 230 FT3		FB-33		[Signature]	
UN3321, Radioactive material, low specific activity (LSA-II), 7 one, IP-1 bag, WP-10598 RO		NA		Solid Oxide		Ra-226 Ra-228		8.8362E+02 (2.3881E+01)		16200 LBS; 230 FT3		FB-35		[Signature]	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RO		NA		Solid Oxide		Ra-226 Ra-228		8.8362E+02 (2.3881E+01)		16200 LBS; 219 FT3		FB-37		[Signature]	
19. Record Waste Description Inadequate		19. Contamination or Leakage Detected		19. Unexpected Exposure Rates Detected		19. Labels, Markings, etc. Inadequate		19. Container Integrity Inadequate		19. Other		19. No Violations Detected on this Shipment		19. Signature [Signature]	

FORM 540 (04-25-2023)

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FORM 541 Waste Control Specialists										1. Manifest Totals				2. Manifest Number 4433-05								
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST CONTAINER AND WASTE DESCRIPTION Additional Nuclear Regulatory Commission (NRC) Requirements for Control, Transfer and Disposal of Radioactive Waste										No. of Pkgs/ Disposal Containers	Net Waste Volume (m³)	Net Waste Weight (kg)	Special Nuclear Material (grams)				Total					
													U-233	U-235	Pu							
										3	m³	19.23	kg	21953.87	NP	NP	NP	NP				
											lb	679.00	lb	48400.00								
										Activity				Source (kg)								
										All Nucleides	Tritium	C-14	Tc-99	I-129	(kg)	NA						
										MBq	2.6399E+03	NP	NP	NP	NP	(lb)	NA					
										mCi	7.1349E+01	NP	NP	NP	NP							
Disposal Container Description										Physical Description				Waste Description for Each Waste Type in Container				16. Radiological Description				17. Waste Class
5. Container Identification Number/Generator ID Number(s)	6. Container Description (See Note 1 & Note 1A)	7. Volume (m³) (lb)	8. Waste and Container Weight (kg) (lb)	9. Waste Weight (kg) (lb)	10. Surface Radiation Level (mSv/hr) (mrem/hr)	11. Surface Contamination (MBq/100 cm²) (dpm/100 cm²)		12. Waste Descriptor (See Notes 2 & 2A)	13. Approximate Waste Volume(s) in Container (m³) (ft³)	14. Sorbent Solidification Stabilization Media (See Note 3)	15. Chemical Description	Weight % Chelating Agent if > 0.1%	Individual Radionuclides and Activity (MBq) and Container Total, or Container Total Activity and Radionuclide Percent									
						Alpha	Beta-Gamma						Radionuclides	pCi/gm	MBq	mCi						
FB-33/4433	19 SOFT SIDED BAG	6.51	7257.48	7257.48	<5.0000E-03	<3.3400E-07	<1.6700E-05	22-H	6.51	89 - OTHER	Oxide/NP	NP	Ra-226	3.04000E+03	8.1633E+02	2.2063E+01	AU					
													Ra-228	2.10000E+02	5.6392E+01	1.5241E+00						
													Subtotal	8.7272E+02	2.3587E+01							
													Total	8.7272E+02	2.3587E+01							
FB-35/4433	19 SOFT SIDED BAG	6.51	7348.20	7348.20	<5.0000E-03	<3.3400E-07	<1.6700E-05	22-H	6.51	89 - OTHER	Oxide/NP	NP	Ra-226	3.04000E+03	8.2651E+02	2.2338E+01	AU					
													Ra-228	2.10000E+02	5.7095E+01	1.5431E+00						
													Subtotal	8.8361E+02	2.3881E+01							
													Total	8.8361E+02	2.3881E+01							
FB-37/4433	19 SOFT SIDED BAG	6.20	7348.20	7348.20	<5.0000E-03	<3.3400E-07	<1.6700E-05	22-H	6.20	89 - OTHER	Oxide/NP	NP	Ra-226	3.04000E+03	8.2651E+02	2.2338E+01	AU					
													Ra-228	2.10000E+02	5.7095E+01	1.5431E+00						
													Subtotal	8.8361E+02	2.3881E+01							
													Total	8.8361E+02	2.3881E+01							
Shipment Totals		19.22	21953.88	21953.88											2.6399E+03	7.1349E+01						
		679.00	48400.00	48400.00																		

Note 1: Container Description Codes. For containers/waste requiring disposal in approved structural overpacks the numerical code must be followed by "OP."

1. Wooden Box or Crate	9. Demineralizer
2. Metal Box	10. Gas Cylinder
3. Plastic Drum or Pail	11. Bulk, Unpackaged Waste
4. Metal Drum or Pail	12. Unpackaged Components
5. Metal Tank or Liner	13. High Integrity Container
6. Concrete Tank or Liner	19. Other. Describe in Item 6, or additional page
7. Polyethylene Tank or Liner	
8. Fiberglass Tank or Liner	

Note 1A: Bulk Packaging Description Codes. (Choose one code as may be applicable.)

A. Gondola
B. Intermodal
C. End-Dump
D. Roll-off
E. Seavan

Note 2: Waste Descriptor Codes. (Choose up to three which predominate by volume.)

20. Charcoal	29. Demolition Rubble	38. Evaporator Bottoms/Sludges/Concentrates
21. Incinerator Ash	30. Cation Ion-exchange Media	39. Compactible Trash
22. Soil	31. Anion Ion-exchange Media	40. Noncompactible Trash
23. Gas	32. Mixed Bed Ion-exchange Media	41. Animal Carcass
24. Oil	33. Contaminated Equipment	42. Biological Material (except animal carcass)
25. Aqueous Liquid	34. Organic Liquid (except oil)	43. Activated Material
26. Filter Media	35. Glassware or Labware	59. Other. Describe in Item 12, or additional page
27. Mechanical Filter	36. Sealed Source/Device	
28. EPA or State Hazardous	37. Paint or Plating	

Note 2A: Specific Waste Descriptions. (Choose all applicable codes.)

G. Dewatered	67. Florco X	74. Petrocel
H. Solid	68. Solid A Sorb	75. Petrocel II
I. Combustible	69. Chemal 30	76. Aquasol
J. Non-combustible	70. Chemal 50	77. Aquasol II
K. Air Filtration Filters	71. Chemal 3030	89. Other. Describe in Item 14 or additional page
L. Asbestos	72. Diaper HP200	
	73. Diaper HP500	

Note 3: Solidification and Stabilization Media Codes. (Choose up to three which predominate by volume.) For media meeting disposal site structural stability requirements, the numerical code must be followed by "S," and the media vendor and brand name must also be identified in Item 14. Code 100-NONE REQUIRED.

Sorption	67. Florco X	74. Petrocel	Solidification	94. Vinyl Ester Styrene
80. Speed Dri	68. Solid A Sorb	75. Petrocel II	90. Cement	95. Other. Describe in Item 14, or additional page
81. Celatom	69. Chemal 30	76. Aquasol	91. Concrete (encapsulation)	
82. Fibro Dry/Superfibre	70. Chemal 50	77. Aquasol II	92. Bitumen	
83. High Dri	71. Chemal 3030	89. Other. Describe in Item 14 or additional page	93. Vinyl Chloride	100. None Required
84. Safe T Sorb	72. Diaper HP200			
85. Safe T Lin	73. Diaper HP500			

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Waste Control Specialists

Manifest Number

ADDITIONAL NOTES

4433-05

PAGE 1

Carriers and Addresses

Rail Transporter #1:

Carrier: CSX Transportation, Inc.

Water Street, 15th Floor

Jacksonville, FL 32202

(502) 359-3100

EPA ID# FLA006931340

Rail Transporter #2:

Carrier: Union Pacific Railroad Company

1400 Douglas Street

Omaha, NE 68179

EPA ID# NED001792910

Rail Transporter #3:

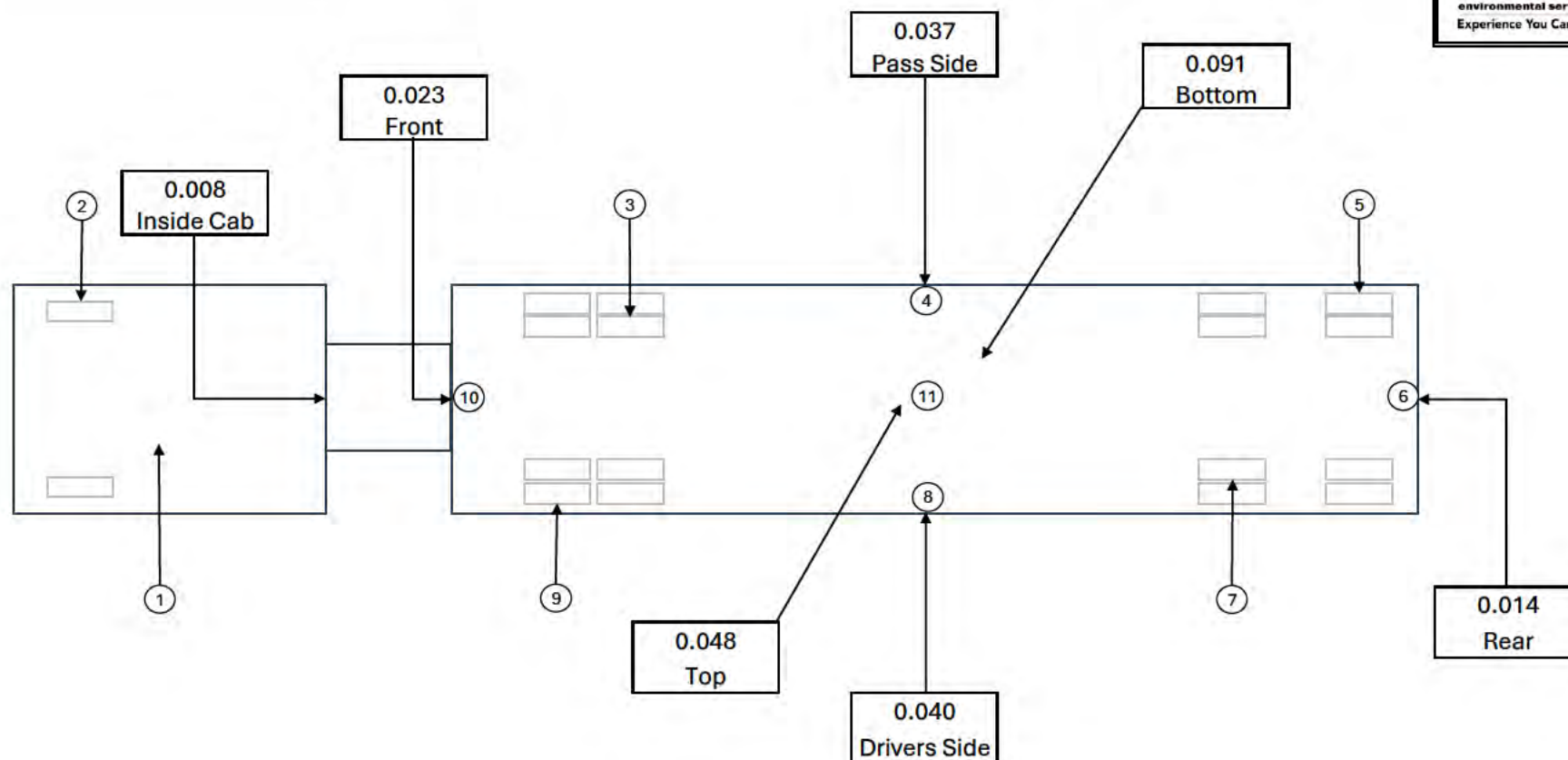
Carrier: WATCO Companies, LLC (dba Texas and New Mexico Railway)

315 West 3rd Street

Pittsburg, KS 66762

(520) 231-2230

EPA ID# NMR000020255



Tractor License Plate # 3557620

State IN

Instrument 2350-1

Model 44-2

Cal Due Date 7/22/2026

Trailer License Plate # 264614B

State ME

Instrument 260157
Serial Number PR273892

Background 0.008 mR/hr

Survey Number	FBF-080825-273
Date Surveyed	8/8/2025
Survey Tech	
Date Counted	8/8/2025
Count Room Tech	
Survey Type	Outgoing DOT Waste Conveyance
Level Of Posting	None

Reviewed By

ER

7x6

FORM 540 Waste Control Specialists UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		5. Shipper - Name and Facility USEPA Region 3 / Fairmont Brine Site 168 AFR Drive Fairmont, WV 26554		Shipper ID Number NA ☐ COLLECTOR ☐ PROCESSOR ☒ GENERATOR TYPE (Specify) 0		7. Form 540 and 540A Form 541 and 541A Form 542 and 542A Additional Information		Page 1 of 1 Page(s) 1 Page(s) None Page(s) None Page(s)		8. Manifest Number 4433-06					
1. Emergency Telephone Number 1-800-535-5053		WCS Generator Certification ID NA		Shipment Number 4433-06		9. Consignee - Name and Facility Waste Control Specialists TSD Facility 9998 Highway 176 West Andrews, TX 79714		Contact [Redacted] Phone No (Include Area Code) [Redacted]		Signature - Authorized consignee acknowledging waste receipt [Redacted]					
Organization Infotrac # (contract # 98800)		Contact Christine Wagner		Phone No (Include Area Code) 804-337-3049		EPA I.D. Number		10. CERTIFICATION "This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, the Commission, and equivalent state regulations. For materials that are consigned to a land disposal facility or waste collector, this certifies that the materials are classified per the applicable requirements of 10 CFR Part 61, meet the land disposal facility's waste acceptance criteria, and are in proper condition for disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 81, or equivalent state regulations. A collector in signing this certification is certifying that nothing has been done to the collected waste which would invalidate the waste generator's certification."		Date 08/08/2025					
2. Is this an "Exclusive Use" Shipment? ☒ YES ☐ NO		3. Total Number of packages identified on this manifest? 3		6. Carrier - Name and Address Landstar 13410 Sultan Park Drive PO Box 19060 Jacksonville, FL 32245		Shipping Date 08/08/2025		Signature - Authorized generator acknowledging waste receipt [Redacted]		Date 8-8-25					
4. Does EPA regulated waste requiring a manifest accompany this shipment? If "Yes," provide Manifest Number ☐ YES ☒ NO		EPA Manifest Number		Contact [Redacted]		Phone No (Include Area Code) [Redacted]		Signature - Authorized generator acknowledging waste receipt [Redacted]		Date 8-8-25					
11. U.S. Department of Transportation Description (Including UN ID number, proper shipping name, hazard class, and any additional information)		12. DOT Labels		13. Transport Index		14. Physical and Chemical Form		15. Individual Radionuclides		16. Maximum Package Activity MBq mCi		17. Total Weight or Volume (Use appropriate units)		18. Identification Number of Package	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R0		NA		NA		Solid Oxide		Ra-226 Ra-228		8.5395E+01 (2.3080E+00)		10000 LBS; 230 FT3		FB-05	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R0		NA		NA		Solid Oxide		Ra-226 Ra-228		1.2132E+02 (3.2790E+00)		14400 LBS; 230 FT3		FB-06	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R0		NA		NA		Solid Oxide		Ra-226 Ra-228		9.9937E+01 (2.7010E+00)		12400 LBS; 230 FT3		FB-07	
FOR CONSIGNEE USE ONLY												19.			
Record Waste Description Inadequate Contamination or Leakage Detected Unexpected Exposure Rates Detected Labels, Markings, etc. Inadequate Container Integrity Inadequate Other No Violations Detected on this Shipment															

Waste Control Specialists

Manifest Number

ADDITIONAL NOTES

4433-06

PAGE 1

Carriers and Addresses

Rail Transporter #1:

Carrier: CSX Transportation, Inc.

Water Street, 15th Floor

Jacksonville, FL 32202

(502) 359-3100

EPA ID# FLA006931340

Rail Transporter #2:

Carrier: Union Pacific Railroad Company

1400 Douglas Street

Omaha, NE 68179

EPA ID# NED001792910

Rail Transporter #3:

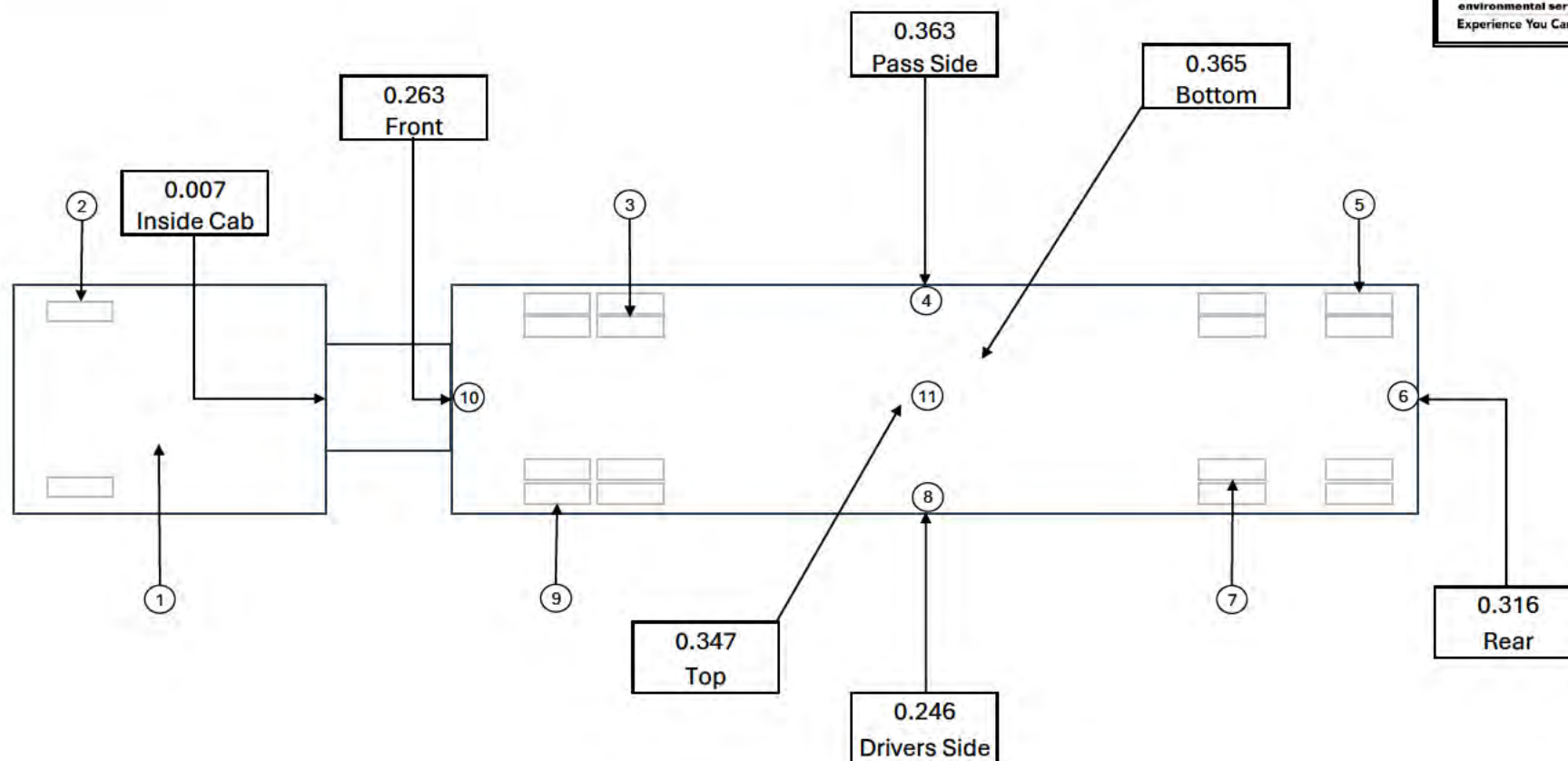
Carrier: WATCO Companies, LLC (dba Texas and New Mexico Railway)

315 West 3rd Street

Pittsburg, KS 66762

(520) 231-2230

EPA ID# NMR000020255



Tractor License Plate # 3210649

State IN

Instrument 2350-1

Model 44-2

Cal Due Date 7/22/2026

Trailer License Plate # C492004

State WV

Instrument 260157
Serial Number PR273892

Background 0.008 mR/hr

Survey Number	FBF-080825-274
Date Surveyed	8/8/2025
Survey Tech	
Date Counted	8/8/2025
Count Room Tech	
Survey Type	Outgoing DOT Waste Conveyance
Level Of Posting	None

Reviewed By

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FORM 540 Waste Control Specialists UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		5. Shipper - Name and Facility USEPA Region 3 / Fairmont Brine Site 168 AFR Drive Fairmont, WV 26554		Shipper ID Number NA ☐ COLLECTOR ☐ PROCESSOR ☒ GENERATOR TYPE (Specify) G Phone No (Include Area Code) 804-337-3648		7. Form 541 and 542A Form 541 and 541A Form 542 and 542A Additional Information:		Page 1 of 1 1 Page(s) None Page(s) None Page(s)		8. Manifest Number 4433-07			
1. Emergency Telephone Number 1-800-635-5053 (Include Area Code)		WCB Generator Certification ID NA Shipment Number 6433-07		2. Consignee - Name and Facility Waste Control Specialists TSD Facility 9998 Highway 176 West Andrews, TX 79714		Contact [Redacted] Phone No (Include Area Code) [Redacted]		Date 9/5/25		10. Declaration I hereby certify that the herein-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable requirements of the Department of Transportation, the Department of Energy, and applicable state regulations. For materials that are consigned to a land disposal facility or waste collector, this certifies that the materials are classified per the applicable requirements of 40 CFR Part 61, meet the land disposal facility's waste acceptance criteria, and are in proper condition for disposal as described in accordance with the applicable requirements of 40 CFR Parts 26 and 61 or equivalent state regulations. A collector in signing this declaration is certifying that nothing has been done to the collected waste which would invalidate the waste generator's certification.			
3. Total Number of packages identified on this manifest 3		6. Contact - Name and Address Landstar 15410 Solon Park Drive PO Box 19890 Jacksonville, FL 32246		EPA ID Number [Redacted]		Shipping Date 09/04/2025		Phone No (Include Area Code) [Redacted]		11. U.S. Department of Transportation Description (Including UN ID number, proper shipping name, hazard class, and any additional information)			
4. Does EPA regulated waste requiring a manifest accompany this shipment? (If "Yes" provide Manifest Number) ☐ YES ☒ NO		EPA Manifest Number [Redacted]		Contact [Redacted] Signature - [Redacted]		12. DOT - Haz. Code NA		13. Transport Index NA		14. Physical and Chemical Form Solid Oxide			
15. Isotope/Radionuclides Ra-226 Ra-228		16. Mass (m) Package Activity mBq mCi		17. Total Weight or Volume (Use appropriate units)		18. Identification Number of Package		19.					
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 R0		NA		NA		Solid Oxide		Ra-226 Ra-228		9.5793E+01 (2.5890E+00) 8600 LBS; 162 FT3		FB-01	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 R0		NA		NA		Solid Oxide		Ra-226 Ra-228		7.7453E+02 (2.0934E+01) 14200 LBS; 230 FT3		FB-18	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 R0		NA		NA		Solid Oxide		Ra-226 Ra-228		8.7271E+02 (2.3587E+01) 16000 LBS; 230 FT3		FB-25	
FOR CONSIGNEE USE ONLY												Record Waste Description Inadequate Contamination or Leakage Detected Unexpected Exposure Rates Detected Labels, Markings, etc. Inadequate Container Integrity Inadequate Other No Violations Detected on this Shipment	

FORM 540 (04-26-2023)

FORM 541

Waste Control Specialists

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

CONTAINER AND WASTE DESCRIPTION

Additional Nuclear Regulatory Commission (NRC) Requirements for Control, Transfer and Disposal of Radioactive Waste

1. Manifest Totals

No. of Pkgs/ Disposal Containers	Net Waste Volume (m³)	Net Waste Weight (kg)	Special Nuclear Material (grams)			
			U-233	U-235	Pu	Total
3	m3 17.61	kg 17599.39	NP	NP	NP	NP
	ft3 622.00	lb 38800.00				
Activity						Source (kg)
	All Nuclides	Tritium	C-14	Tc-99	I-129	
MBq	1.7431E+03	NP	NP	NP	NP	(kg) NA
mCi	4.7110E+01	NP	NP	NP	NP	(lb) NA

2. Manifest Number

4433-07

3. Page 1 of 1 Page(s)

4. Shipper Name

USEPA Region 3 / Fairmont Brine Site

Shipment ID Number

NA

Disposal Container Description

5. Container Identification Number (Generator ID Number(s))	6. Container Description (See Note 1 & Note 1A)	7. Volume (m³) (ft³)	8. Waste and Container Weight (kg) (lb)	9. Waste Weight (kg) (lb)	10. Surface Radiation Level (mSv/hr) (mrem/hr)	11. Surface Contamination (MBq/100 cm²) (dpm/100 cm²)	12. Waste Descriptor (See Notes 2 & 2A)		13. Approximate Waste Volume(s) in Container (m³) (ft³)	14. Sorbent Solidification, Stabilization Media (See Note 3)	15. Chemical Description	Weight % Chelating Agent if > 0.1%	16. Radiological Description				17. Waste Class AS-Class A Stable AU-Class A Unstable B-Class B C-Class C		
						Alpha	Beta-Gamma	Individual Radionuclides and Activity (MBq) and Container Total, or Container Total Activity and Radionuclide Percent											
						Radionuclides										pCi/gm	MBq	mCi	

FB-01/4433	19 SOFT SIDED BAG	4.59	3900.89	3900.89	1.0000E-02	<3.3400E-07	<1.6700E-05	22-H	4.59	89 - OTHER	Oxide/NP	NP	Ra-226 3.30628E+02	9.1020E+01	2.4600E+00	AU
		152.00	8600.00	8600.00	1.0000E+00	<2.0000E+01	<1.0000E+03		162.00				Ra-228 3.30695E+01	4.7730E+00	1.2900E-01	
													Subtotal 9.5793E+01	2.5890E+00		
													Total 9.5793E+01	2.5890E+00		
FB-18/4433	19 SOFT SIDED BAG	6.51	5441.01	5441.01	<5.0000E-03	<3.3400E-07	<1.6700E-05	22-H	6.51	89 - OTHER	Oxide/NP	NP	Ra-226 3.04000E+03	7.2450E+02	1.9581E+01	AU
		230.00	14200.00	14200.00	<5.0000E-01	<2.0000E+01	<1.0000E+03		230.00				Ra-228 2.10000E+02	5.0046E+01	1.3526E+00	
													Subtotal 7.7455E+02	2.0934E+01		
													Total 7.7455E+02	2.0934E+01		
FB-25/4433	19 SOFT SIDED BAG	6.51	7257.48	7257.48	<5.0000E-03	<3.3400E-07	<1.6700E-05	22-H	6.51	89 - OTHER	Oxide/NP	NP	Ra-226 3.04000E+03	8.1633E+02	2.2063E+01	AU
		230.00	16000.00	16000.00	<5.0000E-01	<2.0000E+01	<1.0000E+03		230.00				Ra-228 2.10000E+02	5.6392E+01	1.5241E+00	
													Subtotal 8.7272E+02	2.3587E+01		
													Total 8.7272E+02	2.3587E+01		
Shipment Totals		17.61	17599.38	17599.38										1.7431E+03	4.7110E+01	
		622.00	38800.00	38800.00												

Note 1: Container Description Codes. For containers/waste requiring disposal in approved structural overpacks the numerical code must be followed by "OP."

1. Wooden Box or Crate

2. Metal Box

3. Plastic Drum or Pail

4. Metal Drum or Pail

5. Metal Tank or Liner

6. Concrete Tank or Liner

7. Polyethylene Tank or Liner

8. Fiberglass Tank or Liner

9. Demineralizer

10. Gas Cylinder

11. Bulk, Unpackaged Waste

12. Unpackaged Components

13. High Integrity Container

14. Other. Describe in Item 6, or additional page

Note 1A: Bulk Packaging Description Codes. (Choose one code as may be applicable.)

A. Gondola

B. Intermodal

C. End-Dump

D. Roll-off

E. Seavan

Note 2: Waste Descriptor Codes. (Choose up to three which predominate by volume.)

20. Charcoal

21. Incinerator Ash

22. Soil

23. Gas

24. Oil

25. Aqueous Liquid

26. Filter Media

27. Mechanical Filter

28. EPA or State Hazardous

29. Demolition Rubble

30. Cation Ion-exchange Media

31. Anion Ion-exchange Media

32. Mixed Bed Ion-exchange Media

33. Contaminated Equipment

34. Organic Liquid (except oil)

35. Glassware or Labware

36. Sealed Source/Device

37. Paint or Plating

38. Evaporator Bottoms/Sludges/Concentrates

39. Compactible Trash

40. Noncompactible Trash

41. Animal Carcass

42. Biological Material (except animal carcass)

43. Activated

#7

Waste Control Specialists

Manifest Number

ADDITIONAL NOTES

4433-07

PAGE 1

Carriers and Addresses

Rail Transporter #1:

Carrier: CSX Transportation, Inc.

Water Street, 15th Floor

Jacksonville, FL 32202

(502) 359-3100

EPA ID# FLA006931340

Rail Transporter #2:

Carrier: Union Pacific Railroad Company

1400 Douglas Street

Omaha, NE 68179

EPA ID# NED001792910

Rail Transporter #3:

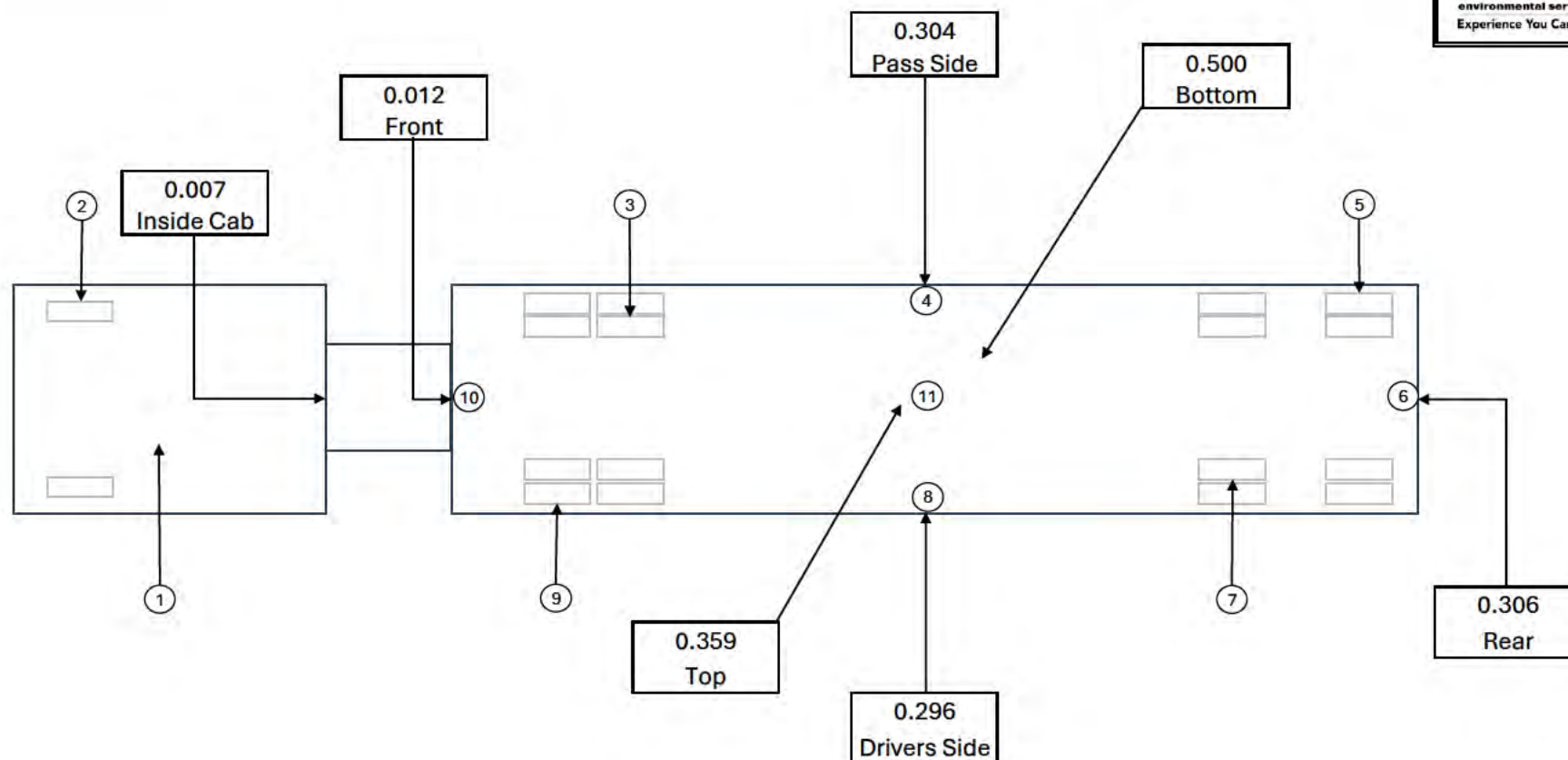
Carrier: WATCO Companies, LLC (dba Texas and New Mexico Railway)

315 West 3rd Street

Pittsburg, KS 66762

(520) 231-2230

EPA ID# NMR000020255



Tractor License Plate # 2518708

State IN

Instrument 2350-1

Model 44-2

Cal Due Date 7/22/2026

Trailer License Plate # PT1815S

State PA

Instrument 260157
Serial Number PR273892

Background 0.008 mR/hr

Survey Number	FBF-080825-275
Date Surveyed	8/8/2025
Survey Tech	
Date Counted	8/8/2025
Count Room Tech	
Survey Type	Outgoing DOT Waste Conveyance
Level Of Posting	None

Reviewed By

#8

FORM 540 Waste Control Specialists UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		5. Shipper - Name and Facility USEPA Region 3 / Fairmount Brine Site 166 AFM Drive Fairmont, WV 26564		Shipper ID Number NA ☐ COLLECTOR ☐ PROCESSOR ☒ GENERATOR TYPE (Specify) G		7. Form 540 and 540A Form 541 and 541A Form 542 and 542A Additional Information		Page 1 of 1 1 Page(s) None Page(s) 1 Page(s)		8. Manifest Number 4433-08						
1. Emergency Telephone Number (Include Area Code) 1-800-635-5053		WCS Generator Certification ID NA		Statement Number 4433-08		9. Consignee - Name and Facility Waste Control Specialists TSD Facility 9998 Highway 176 West Andrews, TX 79714		Contact [Redacted] Phone No (Include Area Code) (432) 688-8300		Date 9/5/25						
Organization Intertec # (contract # 98900)		Contact Christian Wagner		Phone No (Include Area Code) 804-337-3048		EPA ID Number [Redacted]		Shipping Date 9/08/25		Phone No (Include Area Code) [Redacted]						
2. Is this an "Exclusive Use" shipment? ☒ YES ☐ NO		3. Total number of packages identified on this manifest? 3		6. Carrier - Name and Address Loadstar 13490 Sullivan Park Drive PO Box 13688 Jacksonville, FL 32248		Signature - Authorized [Redacted]		Date 9-5-25		Signature Christian Wagner						
4. Does EPA regulated waste requiring a manifest accompany this shipment? 5. "Yes" provide Manifest Number ☐ YES ☒ NO		EPA Manifest Number [Redacted]		Contact [Redacted]		Signature - Authorized [Redacted]		Date 9/5/25		Signature Christian Wagner						
11. U.S. Department of Transportation Description (including UN ID number, proper shipping name, hazard class, and any additional information)			12. DOT Label		13. Transport Index		14. Physical and Chemical Form		15. Inorganic Radioisotopes		16. Aqueous Package Activity MBq mCi		17. Total Weight or Volume (Use appropriate units)		18. Identification Number of Package	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 R0			NA		NA		Solid Oxide		Ra-226 Ra-228		6.7070E+01 (1.8127E+00)		8400 LBS; 144 FT3		FB-02	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 R0			NA		NA		Solid Oxide		Ra-226 Ra-228		1.0472E+03 (2.8304E+01)		11200 LBS; 230 FT3		FB-14	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 R0			NA		NA		Solid Oxide		Ra-226 Ra-228		1.5192E+02 (4.1061E+00)		12200 LBS; 230 FT3		FB-16	
[Empty]			[Empty]		[Empty]		[Empty]		[Empty]		[Empty]		[Empty]		[Empty]	
[Empty]			[Empty]		[Empty]		[Empty]		[Empty]		[Empty]		[Empty]		[Empty]	
[Empty]			[Empty]		[Empty]		[Empty]		[Empty]		[Empty]		[Empty]		[Empty]	
[Empty]			[Empty]		[Empty]		[Empty]		[Empty]		[Empty]		[Empty]		[Empty]	
FOR CARRIER USE ONLY Record Waste Description Inadequate Contamination or Leakage Detected Unexpected Exposure Rates Detected Labels, Markings, etc. Inadequate Container Integrity Inadequate Other No Violations Detected on this Shipment			19. [Empty]													

ER

#8

FORM 540		Waste Control Specialists		5. Shipper - Name and Facility		Shipper ID Number		7. Form 540 and 540A		Page 1 of 1		1 Page(s)		Electronic		8. Manifest Number			
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER				USEPA Region 3 / Fairmont Brine Site 168 AFR Drive Fairmont, WV 26554		NA		Form 541 and 541A Form 542 and 542A Additional Information		None		1 Page(s)		1 Page(s)		4433-08			
1. Emergency Telephone Number 1-800-535-5053				WGS Generator Certification ID NA		Shipment Number 4433-08		☐ COLLECTOR ☐ PROCESSOR ☒ GENERATOR TYPE (Specify) G		9. Consignee - Name and Facility Waste Control Specialists TSD Facility 9998 Highway 176 West Andrews, TX 79714		Contact [REDACTED]		Signature - Authorized consignee acknowledging waste receipt		Date (432)625-8300 [REDACTED]			
Organization Infotrac # (contract # 88806)				Contact Christine Wagner		Phone No (Include Area Code) 804-337-3048		EPA ID Number		10. CERTIFICATION		This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, the Commission, and equivalent state regulations. For materials that are consigned to a land disposal facility or waste collector, this certifies that the materials are classified per the applicable requirements of 10 CFR Part 61, meet the land disposal facility's waste acceptance criteria, and are in proper condition for disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations. A collector in signing this certification is certifying that nothing has been done to the collected waste which would invalidate the waste generator's certification.		Authorized Signature and Title Christine Wagner		Date 08/08/25			
2. Is this an "Exclusive Use" Shipment? ☒ YES ☐ NO				3. Total Number of packages identified on this manifest? 3				6. Carrier - Name and Address Landstar 13410 Sultan Park Drive PO Box 19060 Jacksonville, FL 32245				Shipping Date 08/08/2025				Phone No (Include Area Code) [REDACTED]			
4. Does EPA regulated waste require a manifest accompany this shipment? If "Yes," provide Manifest Number ☐ YES ☒ NO				EPA Manifest Number				Contact [REDACTED]				Signature - Authorized carrier acknowledging waste receipt [REDACTED]				Date 08/08/25			
11. U.S. Department of Transportation Description (Including UN ID number, proper shipping name, hazard class, and any additional information)				12. DOT Labels		13. Transport Index		14. Physical and Chemical Form		15. Individual Radionuclides		16. Maximum Package Activity MBq mCi		17. Total Weight or Volume (Use appropriate units)		18. Identification Number of Package			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 R0				NA		NA		Solid Oxide		Ra-226 Ra-228		6.7070E+01 (1.8127E+00)		1400 LBS; 144 FT3		FB-02			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 R0				NA		NA		Solid Oxide		Ra-226 Ra-228		1.0472E+03 (2.8304E+01)		19200 LBS; 230 FT3		FB-14			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 R0				NA		NA		Solid Oxide		Ra-226 Ra-228		1.5192E+02 (4.1061E+00)		12200 LBS; 230 FT3		FB-16			
FOR CONSIGNEE USE ONLY				19.															
___ Record Waste Description Inadequate																			
___ Contamination or Leakage Detected																			
___ Unexpected Exposure Rates Detected																			
___ Labels, Markings, etc. Inadequate																			
___ Container Integrity Inadequate																			
___ Other																			
___ No Violations Detected on this Shipment																			

FORM 541 (04-28-2023)

#8

Waste Control Specialists	Manifest Number
ADDITIONAL NOTES	4433-08
	PAGE 1

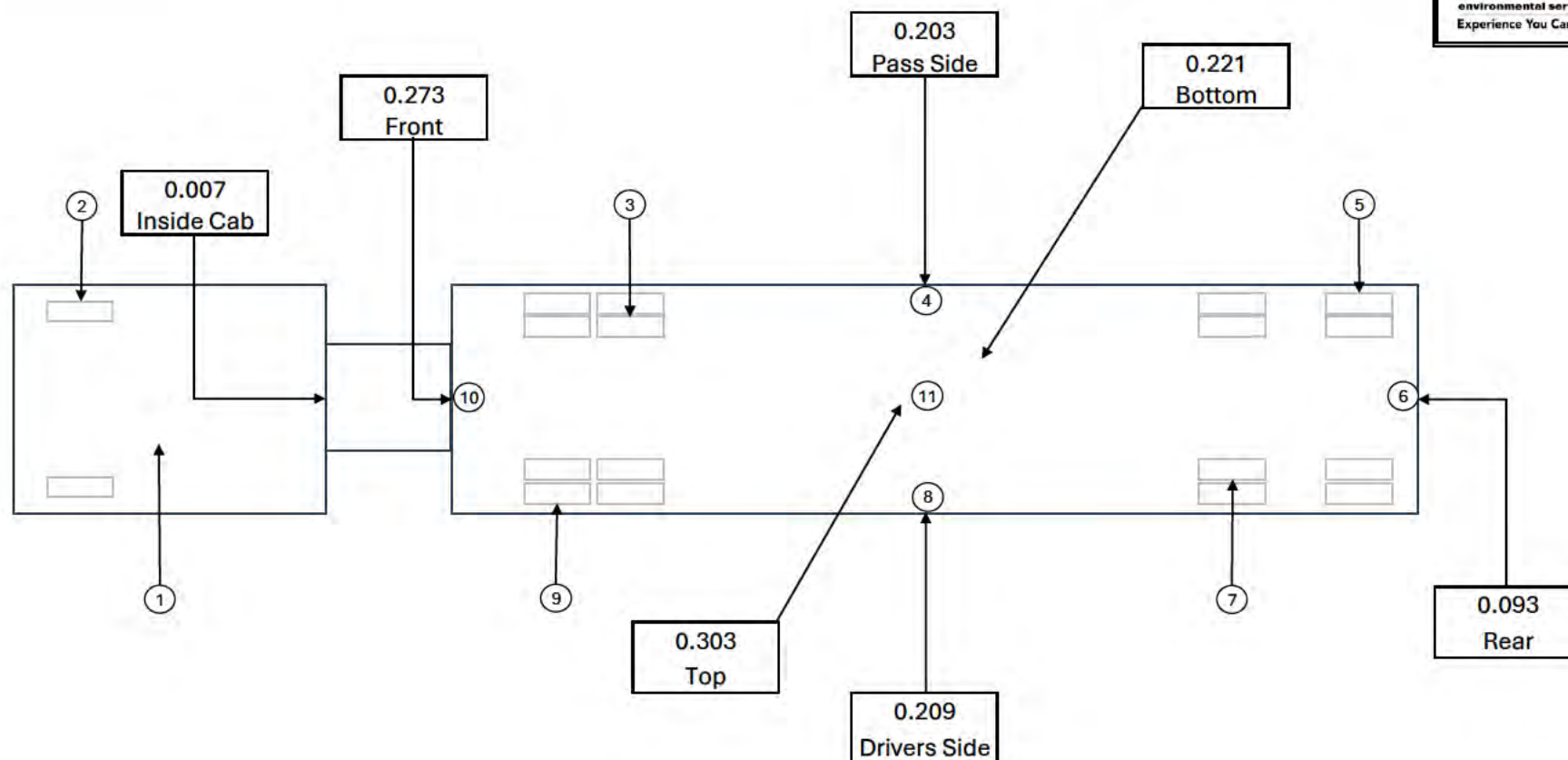
Carriers and Addresses

Rail Transporter #1:
Carrier: CSX Transportation, Inc.
Water Street, 15th Floor
Jacksonville, FL 32202
(502) 359-3100
EPA ID# FLA006931340

Rail Transporter #2:
Carrier: Union Pacific Railroad Company
1400 Douglas Street
Omaha, NE 68179
EPA ID# NED001792910

Rail Transporter #3:
Carrier: WATCO Companies, LLC (dba Texas and New Mexico Railway)
315 West 3rd Street
Pittsburg, KS 66762
(520) 231-2230
EPA ID# NMR000020255

Survey Number FBF-080825-276		Item Surveyed Tractor Lic Plate: 3557620 State: IN Trailer Lic Plate: 264614B State: ME																			
Date Surveyed 8/8/2025		Comments Removable activity measurements listed on this survey were taken in accordance with US Department of Transportation 49 CFR § 173.443. As such, smears were collected over a 300 cm² area and the activity is reported in dpm/cm². Alpha removable activity limit: 24 dpm/cm² Beta-gamma removable activity limit: 240 dpm/cm²		Total Activity displayed in dpm/100cm²																	
Survey Tech [REDACTED]																					
Date Counted 8/8/2025																					
Count Room Tech [REDACTED]																					
Survey Type Outgoing DOT Waste Conveyance		Gamma Activity		Total Activity		Removable Activity															
Level Of Posting None		Dose Rate		Count Rate		Alpha		Beta-Gamma		Alpha		Beta-Gamma									
Instrument Model		See Second Page For Dose Rate Information		N/A		N/A		N/A		3030		3030									
Instrument Serial Number										271327		271327									
Cal Due Date										3/26/2026		3/26/2026									
Instrument Efficiency										32.32%		23.52%									
Smear Efficiency										10%		10%									
Probe Correction Factor										300		300									
Background Count Time (min)										60		60									
Sample Count Time (min)										0.5		0.5									
Instrument Background										17		2051									
MDC										0.09		0.47									
No	Description/Location	Gross cpm		Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity						
1	Floor - inside cab	See Second Page For Dose Rate Information		Gross Counts		Net cpm		Net Activity		2		4		0.38		18		2		0.26	
2	Tire - front passenger side									0		0		-0.03		16		-2		-0.31	
3	Tire - tractor rearmost inner									0		0		-0.03		16		-2		-0.31	
4	Package - passenger side									0		0		-0.03		18		2		0.26	
5	Tire - trailer rearmost outer									0		0		-0.03		17		0		-0.03	
6	Trailer - rear deck									0		0		-0.03		21		8		1.11	
7	Tire - trailer frontmost inner									0		0		-0.03		17		0		-0.03	
8	Package - drivers' side									1		2		0.18		21		8		1.11	
9	Tire - tractor middle outer									1		2		0.18		17		0		-0.03	
10	Trailer - front deck									0		0		-0.03		11		-12		-1.73	
11	Package - top									0		0		-0.03		17		0		-0.03	



Tractor License Plate # 3557620

State IN

Instrument 2350-1

Model 44-2

Cal Due Date 7/22/2026

Trailer License Plate # 264614B

State ME

Instrument 260157
Serial Number PR273892

Background 0.008 mR/hr

Survey Number	FBF-080825-276
Date Surveyed	8/8/2025
Survey Tech	
Date Counted	8/8/2025
Count Room Tech	
Survey Type	Outgoing DOT Waste Conveyance
Level Of Posting	None

Reviewed By

Date 8/8/2025

FORM 540 UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		Waste Control Specialists 5. Shipper - Name and Facility USEPA Region 3 / Fairmont Site 141 AFR Drive Fairmont, WV 26664 WGS Generator Certification ID: NA Shipper's Number: 4433-09 Contact: Christine Wagner Phone No (Include Area Code): 804-337-3040 6. Carrier - Name and Address Leadstar 13410 Solway Park Drive PO Box 19060 Jacksonville, FL 32245 Contact: [Redacted] Signature: [Redacted]		Shipper ID Number: NA ☐ COLLECTOR ☐ PROCESSOR ☒ GENERATOR TYPE (Specify) G EPA ID Number: [Redacted] Shipping Date: 8/8/25 Phone No (Include Area Code): [Redacted] Date: 8-8-25 Signature: Christine Wagner		Form 540 and 540A Page 1 of 1 Form 541 and 541A Page 1 of 1 Form 542 and 542A Page 1 of 1 Additional Information: None Manifest Number: 4433-09 Date: 9/5/25	
1. Emergency Telephone Number 1-800-535-6053 Organization: [Redacted]		2. Is this an "Exclusive Use" Shipment? ☒ YES ☐ NO		3. Total Number of packages identified on this manifest: 3			
4. Does EPA regulated waste requiring a manifest accompany this shipment? If "Yes," provide Manifest Number: ☐ YES ☒ NO		EPA Manifest Number:		12. Certificate I hereby certify that the herein-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, the Commission, and equivalent state regulations. For materials that are consigned to a land disposal facility or waste collector, this certifies that the materials are classified per the applicable requirements of 10 CFR Part 61, meet the land disposal facility's waste acceptance criteria, and are in proper condition for disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations. A collector in signing this certificate is certifying that nothing has been done to the collected waste which would invalidate the waste generator's certification.			
11. U.S. Department of Transportation Description (Including UN ID number, proper shipping name, hazard class, and any additional information)		12. DOT Labels		13. Transport Index			
14. Physical and Chemical Form		15. Individual Radionuclides		16. Material Package Activity MBq			
17. Total Weight or Volume (Use appropriate units)		18. Identification Number of Package		19.			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG		NA		NA			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-4 bag, WP-10598 RG							

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EP

FORM 540		Waste Control Specialists	
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		5. Shipper - Name and Facility USEPA Region 3 / Fairmont Brine Site 168 AFK Drive Fairmont, WV 26554	
1. Emergency Telephone Number (Include Area Code) 1-800-535-5053		Shipper ID Number NA ☐ COLLECTOR ☐ PROCESSOR ☒ GENERATOR TYPE (Specify) G	
Organization InfoTrac # (contract # 98800)		WCS Generator Certification ID NA	
2. Is this an "Exclusive Use" Shipment? ☒ YES ☐ NO		Shipment Number 4433-09	
3. Total Number of packages identified on this manifest? 3		Contact Christine Wagner 804-337-3049	
4. Does EPA regulated waste requiring a manifest accompany this shipment? If "Yes," provide Manifest Number ☐ YES ☒ NO		6. Carrier - Name and Address Landstar 13410 Sulfan Park Drive PO Box 19966 Jacksonville, FL 32245	
EPA Manifest Number		EPA ID Number	
11. U.S. Department of Transportation Description (Including UN ID number, proper shipping name, hazard class, and any additional information)		Shipping Date 08/08/2025	
12. DOT Labels		Phone No (Include Area Code) 8-8-25	
13. Transport Index		Date 8-8-25	
14. Physical and Chemical Form		Signature - Authorized consignee acknowledging waste receipt <i>Christine Wagner</i> EPA	
15. Individual Radionuclides		10. CERTIFICATION This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, the Commission, and equivalent state regulations. For materials that are consigned to a land disposal facility or waste collector, this certifies that the materials are classified per the applicable requirements of 10 CFR Part 61, meet the land disposal facility's waste acceptance criteria, and are in proper condition for disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations. A collector in signing the certification is certifying that nothing has been done to the collected waste which would invalidate the waste generator's certification.	
16. Maximum Package Activity MBq mCi		Signature - Authorized generator's certification <i>Christine Wagner</i> EPA	
17. Total Weight or Volume (Use appropriate units)		Date 8/8/25	
18. Identification Number of Package			
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-I bag, WP-10598 R0		Ra-226 Ra-228 7.2633E+01 (1.9631E+00) 8800 LBS; 192 FT3 FB-03	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-I bag, WP-10598 R0		Ra-226 Ra-228 8.2907E+02 (2.2407E+01) 15200 LBS; 230 FT3 FB-15	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-I bag, WP-10598 R0		Ra-226 Ra-228 7.8544E+02 (2.1228E+01) 14400 LBS; 230 FT3 FB-17	
FOR CONSIGNEE USE ONLY			
____ Record Waste Description Inadequate ____ Contamination or Leakage Detected ____ Unexpected Exposure Rates Detected ____ Labels, Markings, etc. Inadequate ____ Container Integrity Inadequate ____ Other ____ No Violations Detected on this Shipment		19.	

FORM 541 (04-26-2023)

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Waste Control Specialists

Manifest Number

ADDITIONAL NOTES

4433-09

PAGE 1

Carriers and Addresses

Rail Transporter #1:

Carrier: CSX Transportation, Inc.

Water Street, 15th Floor

Jacksonville, FL 32202

(502) 359-3100

EPA ID# FLA006931340

Rail Transporter #2:

Carrier: Union Pacific Railroad Company

1400 Douglas Street

Omaha, NE 68179

EPA ID# NED001792910

Rail Transporter #3:

Carrier: WATCO Companies, LLC (dba Texas and New Mexico Railway)

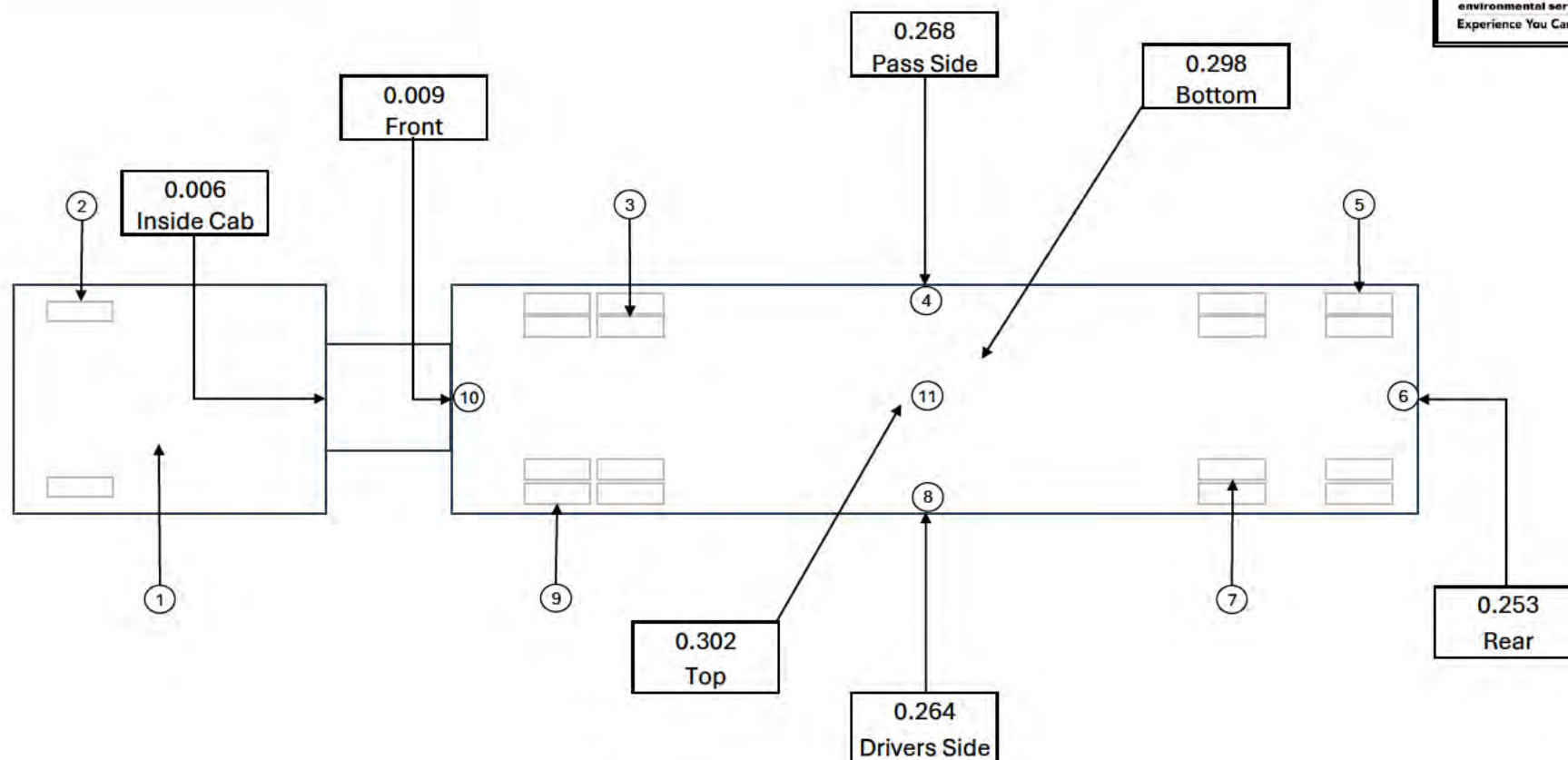
315 West 3rd Street

Pittsburg, KS 66762

(520) 231-2230

EPA ID# NMR000020255

Survey Number FBF-080825-277		Item Surveyed Tractor Lic Plate: 3210649 State: IN Trailer Lic Plate: C492004 State: WV													
Date Surveyed 8/8/2025		Comments Removable activity measurements listed on this survey were taken in accordance with US Department of Transportation 49 CFR § 173.443. As such, smears were collected over a 300 cm² area and the activity is reported in dpm/cm². Alpha removable activity limit: 24 dpm/cm² Beta-gamma removable activity limit: 240 dpm/cm²		Total Activity displayed in dpm/100cm²											
Survey Tech [REDACTED]															
Date Counted 8/8/2025															
Count Room Tech [REDACTED]															
Survey Type Outgoing DOT Waste Conveyance		Gamma Activity		Total Activity		Removable Activity									
Level Of Posting None		Dose Rate		Count Rate		Alpha		Beta-Gamma		Alpha		Beta-Gamma			
Instrument Model		See Second Page For Dose Rate Information		N/A		N/A		N/A		3030		3030			
Instrument Serial Number										271327		271327			
Cal Due Date										3/26/2026		3/26/2026			
Instrument Efficiency										32.32%		23.52%			
Smear Efficiency										10%		10%			
Probe Correction Factor										300		300			
Background Count Time (min)										60		60			
Sample Count Time (min)										0.5		0.5			
Instrument Background										17		2051			
MDC										0.09		0.47			
No	Description/Location	Gross cpm		Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity
1	Floor - inside cab									0	0	-0.03	14	-6	-0.88
2	Tire - front passenger side									0	0	-0.03	17	0	-0.03
3	Tire - tractor rearmost inner									0	0	-0.03	16	-2	-0.31
4	Package - passenger side									0	0	-0.03	13	-8	-1.16
5	Tire - trailer rearmost outer									0	0	-0.03	17	0	-0.03
6	Trailer - rear deck									1	2	0.18	24	14	1.96
7	Tire - trailer frontmost inner									1	2	0.18	17	0	-0.03
8	Package - drivers' side									0	0	-0.03	18	2	0.26
9	Tire - tractor middle outer									0	0	-0.03	16	-2	-0.31
10	Trailer - front deck									2	4	0.38	13	-8	-1.16
11	Package - top									0	0	-0.03	12	-10	-1.44



Tractor License Plate # 3210649

State IN

Instrument 2350-1

Model 44-2

Cal Due Date 7/22/2026

Trailer License Plate # C492004

State WV

Instrument 260157
Serial Number PR273892

Background

Survey Number	FBF-080825-277
Date Surveyed	8/8/2025
Survey Tech	
Date Counted	8/8/2025
Count Room Tech	
Survey Type	Outgoing DOT Waste Conveyance
Level Of Posting	None

Reviewed By

Date 8/8/2025

10

FORM 540 Waste Control Specialists UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		3. Shipper - Name and Facility USEPA Region 3 / Fairmont Brake Site 158 AFIR Drive Fairmont, WV 26534		Shipper ID Number NA ☐ COLLECTOR ☐ PROCESSOR ☒ GENERATOR TYPE (Specify) G		7. Form 540 and 540A Page 1 of 1 Form 541 and 541A Form 542 and 542A Additional Information		8. Manifest Number 4433-10	
1. Emergency Telephone Number 1-800-635-6053 (Include Area Code)		WCS Generator Certification ID NA		Statement Number 4433-10		9. Consignee - Name and Facility Waste Control Specialists TSD Facility 9958 Highway 176 West Andrews, TX 79714		Contact [Redacted] [Redacted] Date: 9/5/25	
2. Is this an "Exclusive Use" Shipment? ☒ YES ☐ NO		3. Total Number of packages identified on this manifest 2		6. Carrier - Name and Address Lundquist 13418 Rutledge Park Drive PO Box 19860 Jacksonville, FL 32245		EPA ID Number [Redacted]		10. CERTS This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, the Department of Energy, and equivalent state regulations. For materials that are consigned to a land disposal facility or waste collector, this certifies that the materials are classified per the applicable requirements of 10 CFR Part 61, meet the land disposal facility's waste acceptance criteria, and are in proper condition for disposal as described in accordance with the requirements of 10 CFR Parts 20 and 61, or equivalent state regulations. A collector in signing this certification is certifying that nothing has been done to the collected waste which would invalidate the waste generator's certification.	
4. Does EPA regulated waste requiring a manifest accompany this shipment? If "Yes," provide Manifest Number ☐ YES ☒ NO		EPA Manifest Number [Redacted]		Shipping Date 08/08/2025		Signature of Shipper [Redacted]		Signature of Consignee [Redacted]	
11. U.S. Department of Transportation Description (including UN ID number, proper shipping name, hazard class, and any additional information)		12. DOT Label		13. Transport Index		14. Physical and Chemical Form		15. Individual Radioactivity	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R0		NA		NA		Solid Oxide		Ra-226 Ra-228	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R0		NA		NA		Solid Oxide		Ra-226 Ra-228	
16. Maximum Package Activity UG1 7.1806E+01 (1.9407E+00)		17. Total Weight or Volume (Use appropriate units) 8400 LBS; 230 FT3		18. Identifier Number of Package FB-04					
19. FOR CONSIGNEE USE ONLY		Record Waste Description Inadequate Contamination or Leakage Detected Unexpected Exposure Rates Detected Labels, Markings, etc. Inadequate Container Integrity Inadequate Other No Violations Detected on this Shipment		19.					

ER

f10

FORM 540 Waste Control Specialists UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		5. Shipper - Name and Facility USEPA Region 3 / Fairmont Brine Site 168 AFR Drive Fairmont, WV 26554		Shipper ID Number NA ☐ COLLECTOR ☐ PROCESSOR ☒ GENERATOR TYPE (Specify) G	7. Form 540 and 540A Page 1 of 1 Page(s) Electronic Form 541 and 541A 1 Page(s) Form 542 and 542A None Page(s) Additional Information 1 Page(s)		8. Manifest Number 4433-10		
1. Emergency Telephone Number (Include Area Code) 1-800-535-5053		WCS Generator Certification ID NA	Shipment Number 4433-10	9. Consignee - Name and Facility Waste Control Specialists TSD Facility 9998 Highway 176 West Andrews, TX 79714		Signature - Authorized consignee acknowledging waste receipt Date			
Organization Infotrac # (contract # 98800)		Contact Christine Wagner		Phone No (Include Area Code) 804-337-3048		EPA ID Number			
2. Is this an "Exclusive Use" Shipment? ☒ YES ☐ NO	3. Total Number of packages identified on this manifest? 2		6. Carrier - Name and Address Landstar 13410 Sultan Park Drive PO Box 19060 Jacksonville, FL 32245		Shipping Date 06/08/2025		10. CERTIFICATION "This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, the Commission, and equivalent state regulations. For materials that are consigned to a land disposal facility or waste collector, this certifies that the materials are classified per the applicable requirements of 10 CFR Part 61, meet the land disposal facility's waste acceptance criteria, and are in proper condition for disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations. A collector in signing the certification is certifying that nothing has been done to the collected waste which would invalidate the waste generator's certification."		
4. Does EPA regulated waste requiring a manifest accompany this shipment? If "Yes," provide Manifest Number ☐ YES ☒ NO		EPA Manifest Number		Contact Signature - Authorized carrier acknowledging waste receipt Date 8-6-25		Authorized Signature and Title Christine Wagner EPA Date 06/08/25			
11. U.S. Department of Transportation Description (Including UN ID number, proper shipping name, hazard class, and any additional information)		12. DOT Labels	13. Transport Index	14. Physical and Chemical Form	15. Individual Radionuclides		16. Maximum Package Activity MBq mCi	17. Total Weight or Volume (Use appropriate units)	18. Identification Number of Package
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-I bag, WP-10698 R0		NA	NA	Solid Oxide	Ra-226 Ra-228		7.1806E+01 (1.9407E+00)	8400 LBS; 230 FT3	FB-04
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-I bag, WP-10698 R0		NA	NA	Solid Oxide	Ra-226 Ra-228		9.7791E+01 (2.6430E+00)	14400 LBS; 230 FT3	FB-08
FOR CONSIGNEE USE ONLY _____ Record Waste Description Inadequate _____ Contamination or Leakage Detected _____ Unexpected Exposure Rates Detected _____ Labels, Markings, etc. Inadequate _____ Container Integrity Inadequate _____ Other _____ No Violations Detected on this Shipment			19.						

#10

FORM 541										Waste Control Specialists										1. Manifest Totals										2. Manifest Number	
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST																														4433-10	
CONTAINER AND WASTE DESCRIPTION																														3. Page 1 of 1 Page(s)	
Additional Nuclear Regulatory Commission (NRC) Requirements for Control, Transfer and Disposal of Radioactive Waste																														4. Shipper Name USEPA Region 3 / Fairmont Brine Site	
																														Shipment ID Number	
Disposal Container Description										Physical Description										Waste Description for Each Waste Type in Container										17. Waste Class	
5. Container Identification Number(Generator ID Number(s))	6. Container Description (See Note 1 & Note 1A)	7. Volume (m3) (ft3)	8. Waste and Container Weight (kg) (lb)	9. Waste Weight (kg) (lb)	10. Surface Radiation Level (mSv/hr) (mrem/hr)	11. Surface Contamination (MBq/100 cm2) (dpm/100 cm2)		12. Waste Descriptor (See Notes 2 & 2A)	13. Approximate Waste Volume(s) in Container (m3) (ft3)	14. Sorbent Solidification, Stabilization, Media (See Note 3)	15. Chemical Form/ Chelating Agent	Weight % Chelating Agent if > 0.1%	16. Radiological Description				AS-Class A Stable AU-Class A Unstable B-Class B C-Class C														
						Alpha	Beta-Gamma					Individual Radionuclides and Activity (MBq) and Container Total, or Container Total Activity and Radionuclide Percent																			
												Radionuclides																			
												pCi/gm																			
												MBq																			
												mCi																			
FB-04/4433	19 SOFT SIDED BAG	6.51	3810.18	3810.18	<5.0000E-03	<3.3400E-07	<1.6700E-05	22-H	6.51	89 - OTHER	Oxide/NP	NP	Ra-226	4.85544E+02	6.8450E+01	1.8500E+00	AU														
		230.00	8400.00	8400.00	<5.0000E-01	<2.0000E+01	<1.0000E+03		230.00				Ra-228	2.38048E+01	3.3559E+00	9.0700E-02															
													Subtotal	7.1806E+01	1.9407E+00																
													Total	7.1806E+01	1.9407E+00																
FB-08/4433	19 SOFT SIDED BAG	6.51	6531.73	6531.73	<5.0000E-03	<3.3400E-07	<1.6700E-05	22-H	6.51	89 - OTHER	Oxide/NP	NP	Ra-226	3.87342E+02	9.3610E+01	2.5300E+00	AU														
		230.00	14400.00	14400.00	<5.0000E-01	<2.0000E+01	<1.0000E+03		230.00				Ra-228	1.73003E+01	4.1810E+00	1.1300E-01															
													Subtotal	9.7791E+01	2.6430E+00																
													Total	9.7791E+01	2.6430E+00																
Shipment Totals		13.02	10341.91	10341.91											1.6960E+02	4.5837E+00															
		460.00	22800.00	22800.00																											

Note 1: Container Description Codes. For containers/waste requiring disposal in approved structural overpacks the numerical code must be followed by "-OP."

1. Wooden Box or Crate	9. Demineralizer
2. Metal Box	10. Gas Cylinder
3. Plastic Drum or Pail	11. Bulk, Unpackaged Waste
4. Metal Drum or Pail	12. Unpackaged Components
5. Metal Tank or Liner	13. High Integrity Container
6. Concrete Tank or Liner	19. Other. Describe in Item 6, or additional page
7. Polyethylene Tank or Liner	
8. Fiberglass Tank or Liner	

Note 1A: Bulk Packaging Description Codes. (Choose one code as may be applicable.)

A. Gondola
B. Intermodal
C. End-Dump
D. Roll-off
E. Seavan

Note 2: Waste Descriptor Codes. (Choose up to three which predominate by volume.)

20. Charcoal	29. Demolition Rubble	38. Evaporator Bottoms/Sludges/Concentrates
21. Incinerator Ash	30. Cation Ion-exchange Media	39. Compactible Trash
22. Soil	31. Anion Ion-exchange Media	40. Noncompactible Trash
23. Gas	32. Mixed Bed Ion-exchange Media	41. Animal Carcass
24. Oil	33. Contaminated Equipment	42. Biological Material (except animal carcass)
25. Aqueous Liquid	34. Organic Liquid (except oil)	43. Activated Material
26. Filter Media	35. Glassware or Labware	59. Other. Describe in Item 12, or additional page
27. Mechanical Filter	36. Sealed Source/Device	
28. EPA or State Hazardous	37. Paint or Plating	

Note 2A: Specific Waste Descriptions. (Choose all applicable codes.)

G. Dewatered
H. Solid
I. Combustible
J. Non-combustible
K. Air Filtration Filters
L. Asbestos

Note 3: Solidification and Stabilization Media Codes. (Choose up to three which predominate by volume.) For media meeting disposal site structural stability requirements, the numerical code must be followed by "-S," and the media vendor and brand name must also be identified in Item 14. Code 100=NONE REQUIRED.

Sorption	67. Floro X	74. Petrosel	Solidification
60. Speed Dri	68. Solid A Sorb	75. Petrosel II	90. Cement
61. Celsion	69. Chemall 50	76. Aquasent	91. Concrete
62. Floor Dry/Superfine	70. Chemall 50	77. Aquasent II	92. Bitumen
63. High Dri	71. Chemall 3030	78. Other. Describe in Item 14 or additional page	93. Vinyl Chloride
64. Safe T Sorb	72. Dicapert HP200		100. None Required
65. Safe N Dri	73. Dicapert HP500		
66. Floron			

#10

Waste Control Specialists

Manifest Number

ADDITIONAL NOTES

4433-10

PAGE 1

Carriers and Addresses

Rail Transporter #1:

Carrier: CSX Transportation, Inc.

Water Street, 15th Floor

Jacksonville, FL 32202

(502) 359-3100

EPA ID# FLA006931340

Rail Transporter #2:

Carrier: Union Pacific Railroad Company

1400 Douglas Street

Omaha, NE 68179

EPA ID# NED001792910

Rail Transporter #3:

Carrier: WATCO Companies, LLC (dba Texas and New Mexico Railway)

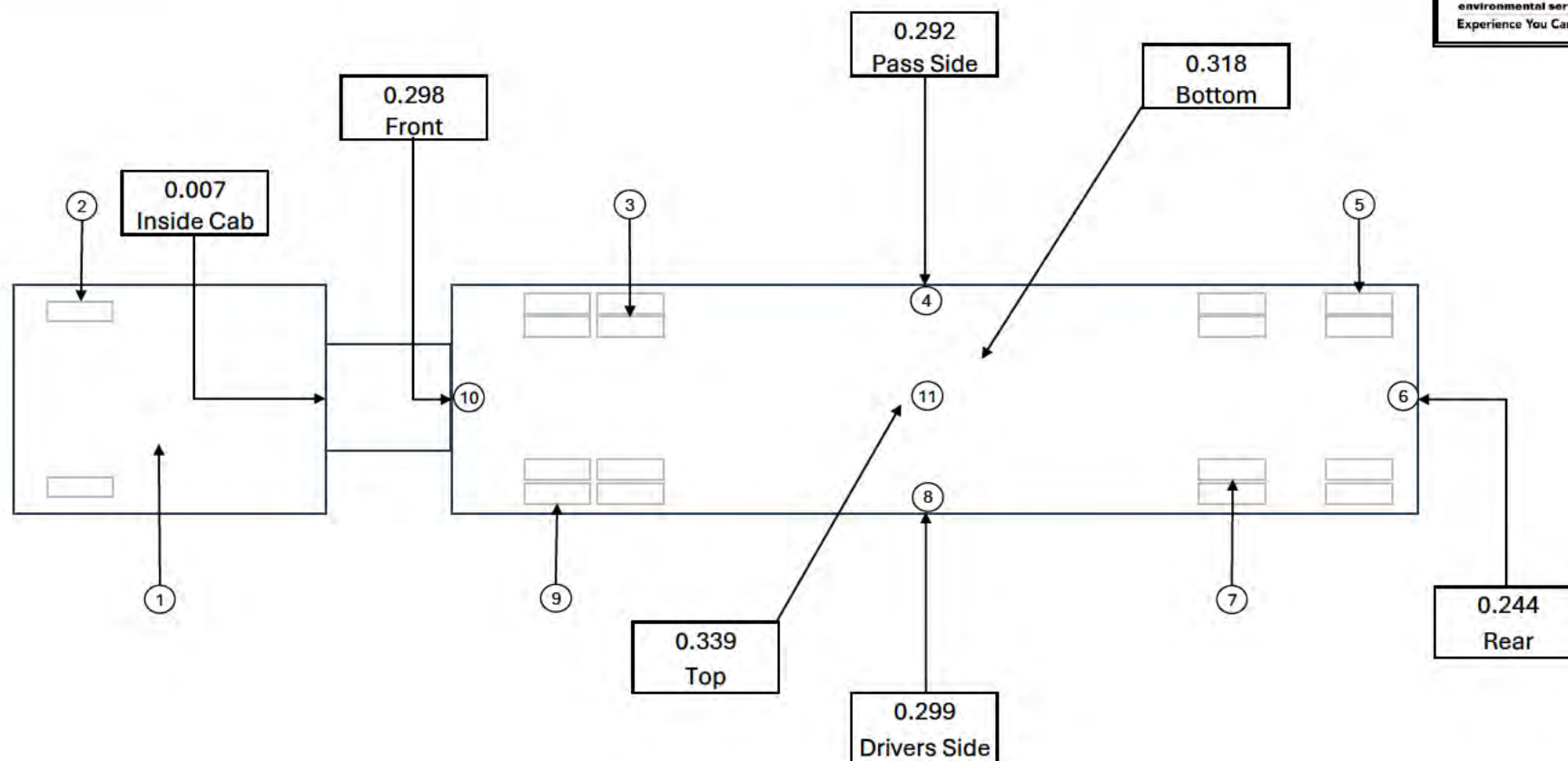
315 West 3rd Street

Pittsburg, KS 66762

(520) 231-2230

EPA ID# NMR000020255

Survey Number FBF-080825-278		Item Surveyed Tractor Lic Plate: 2518708 State: IN Trailer Lic Plate: PT1815S State: PA													
Date Surveyed 8/8/2025		Comments Removable activity measurements listed on this survey were taken in accordance with US Department of Transportation 49 CFR § 173.443. As such, smears were collected over a 300 cm² area and the activity is reported in dpm/cm². Alpha removable activity limit: 24 dpm/cm² Beta-gamma removable activity limit: 240 dpm/cm²		Total Activity displayed in dpm/100cm²											
Survey Tech [REDACTED]															
Date Counted 8/8/2025															
Count Room Tech [REDACTED]															
Survey Type Outgoing DOT Waste Conveyance		Gamma Activity		Total Activity		Removable Activity									
Level Of Posting None		Dose Rate		Count Rate		Alpha		Beta-Gamma		Alpha		Beta-Gamma			
Instrument Model		See Second Page For Dose Rate Information		N/A		N/A		N/A		3030		3030			
Instrument Serial Number										271327		271327			
Cal Due Date										3/26/2026		3/26/2026			
Instrument Efficiency										32.32%		23.52%			
Smear Efficiency										10%		10%			
Probe Correction Factor										300		300			
Background Count Time (min)										60		60			
Sample Count Time (min)										0.5		0.5			
Instrument Background										17		2051			
MDC										0.09		0.47			
No	Description/Location	Gross cpm		Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity
1	Floor - inside cab									0	0	-0.03	9	-16	-2.29
2	Tire - front passenger side									0	0	-0.03	15	-4	-0.59
3	Tire - tractor rearmost inner									1	2	0.18	23	12	1.67
4	Package - passenger side									1	2	0.18	14	-6	-0.88
5	Tire - trailer rearmost outer									0	0	-0.03	19	4	0.54
6	Trailer - rear deck									0	0	-0.03	16	-2	-0.31
7	Tire - trailer frontmost inner									0	0	-0.03	15	-4	-0.59
8	Package - drivers' side									2	4	0.38	18	2	0.26
9	Tire - tractor middle outer									1	2	0.18	27	20	2.81
10	Trailer - front deck									0	0	-0.03	22	10	1.39
11	Package - top									1	2	0.18	19	4	0.54



Tractor License Plate # 2518708

State IN

Instrument Model 2350-1 44-2

Cal Due Date 7/22/2026

Trailer License Plate # PT1815S

State PA

Instrument Serial Number 260157 PR273892

Background 0.008 mR/hr

Survey Number	FBF-080825-278
Date Surveyed	8/8/2025
Survey Tech	
Date Counted	8/8/2025
Count Room Tech	
Survey Type	Outgoing DOT Waste Conveyance
Level Of Posting	None

Reviewed By

Fairmont Brine Site - 9yd bag NH filtercake / solids loadout log

Fairmont WV

Gordon's 3' 4

Load/shipment #	Date	Time onsite	loading time start	Loading time end	Time off site	Trailer Plate#	Manifest / BOL#	Crane weights	
								Bag #'s on load	Estimated Wgt of all bags
1	10.15.25						443325-01	40, 41	30,600
2	10.15.25						443325-02	42, 43	29,500
3	10.15.25						443325-03	26, 39	31,700
4	10.15.25						443325-04	27, 31	32,300
5	10.15.25						443325-05	22, 32	31,800
6	10.15.25						443325-06	23, 24, 28	48,100
7	10.15.25						443325-08	29, 30 / 129	29,500 / 16,300
8	10.15.25						443325-09	125, 126, 130	34,300
9									
10									
11									
12									
13									
14									
15									233,500 lbs / 116.75 tons

Note: No Demurrage incurred.

Bag 129 /load #8 and bags 125, 126, and 130/load #9 are billed as tank bottom material 50,600 lbs- 25.5 tons (CERCLA Report separate from filtercake/solids report)



WASTE CONTROL SPECIALISTS

Certificate of Disposal

Date of Certificate: November 14, 2025

EPA ID Number TXD988088464


Perma-Fix for
US EPA Reg. 3 Fairmont Brine Site
168 AFR Drive
Fairmont, WV

Reference:

WCS Profile #: **WP-10598**
Manifest(s): **443325-01, 443325-02, 443325-03, 443325-04,
443325-05, 443325-06, 443325-08, 443325-09**
Received On: **November 06, 2025**

This is to certify that the waste shipped to WCS on the above mentioned manifest was disposed of on **November 13, 2025** in the WCS permitted hazardous waste landfill associated with the EPA ID Number above. Disposal is subject to all applicable licenses, permits and regulations.

Waste Control Specialists LLC is pleased to have the opportunity to provide you with the quality waste management services that you need. If you have any questions or need further assistance, please feel free to contact me at (432) 525-8726.

Sincerely,
WASTE CONTROL SPECIALISTS LLC


Technical Services Project Manager

Corporate
17101 Preston Rd. Ste. 115
Dallas, TX 75248
Ph. 682.503.0030
Fax. 214.853.5720

Facility
P.O. Box 1129
Andrews, TX 79714
Ph. 432.525.8500
Fax. 432.203.2359

FORM 540 UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		Waste Control Specialists EPA Region 3 / Fairmont Drive Bldg. 100 AFR Drive Fairmont, WV 26554		Shipper ID Number 443325-01 ☐ COLLECTOR ☐ PROCESSOR ☒ GENERATOR TYPE (Specify @) Phone No (Include Area Code) 204-913-0872 EPA ID Number Shipping Date 10/16/2005 Phone No (Include Area Code) 1-15-15		Form 540 and 540A Form 541 and 541A Form 542 and 542A Additional Information Page 1 of 1 1 Page(s) None Page(s) 1 Page(s)		8. Manifest Number 443325-01							
1. Emergency Telephone Number 1-800-535-6053		WGS Generator Certification ID NA		Shipment Number 443325-01		9. Consignee - Name and Facility Waste Control Specialists LLC <i>Federal Waste Facility TSD Facility</i> 8900 Highway 176 West Andrews, TX 79714 Signature - Authorized consignee accepting receipt Date 11-06-05		Contact Phone No (Include Area Code) Date 11-06-05							
Organization Infratec (Contract # 00000)		Contact Gale Devine		Signature - Authorized carrier acknowledging waste receipt Date 11-15-05		THIS IS TO CERTIFY THAT THE HEREIN-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION, THE COMMISSIONER, AND EQUIVALENT STATE REGULATIONS. FOR MATERIALS THAT ARE CONSIGNED TO A LAND DISPOSAL FACILITY OR WASTE COLLECTOR, THIS CERTIFICATE THAT THE MATERIALS ARE CLASSIFIED PER THE APPLICABLE REQUIREMENTS OF 16 CFR PART 61, MEET THE LAND DISPOSAL FACILITY'S WASTE ACCEPTANCE CRITERIA, AND ARE IN PROPER CONDITION FOR DISPOSAL AS DESCRIBED IN CONFORMANCE WITH THE APPLICABLE REQUIREMENTS OF 16 CFR PARTS 20 AND 61, OR EQUIVALENT STATE REGULATIONS. A CARRIER SIGNING THIS CERTIFICATION IS CERTIFYING THAT NOTHING HAS BEEN DONE TO THE COLLECTED WASTE WHICH WOULD INVALIDATE THE WASTE GENERATOR'S CERTIFICATION.									
2. Is this an "Exclusive User" Shipment? ☒ YES ☐ NO		3. Total Number of packages identified on this manifest? 2		4. Does EPA regulated waste requiring a manifest accompany this shipment? If "Yes," provide Manifest Number ☐ YES ☒ NO		EPA Manifest Number 									
11. U.S. Department of Transportation Description (including UN ID number, proper shipping name, hazard class, and any additional information)		12. DOT Labels		13. Transport Index		14. Physical and Chemical Form		15. Individual Radioactivities Ra-226 Ra-228		16. Maximum Package Activity mCi mCi		17. Total Weight or Volume (Use appropriate units)		18. Identification Number of Package	
UN3321, Radioactive material, low specific activity (LSA-I), 7 One IP-1 bag, WP-10000 PG-11-06-05		NA		NA		Solid Oxide		Ra-226 Ra-228		8.2907E+02 (2.2407E+01)		15200 LBS; 184 FT3		Bag-40	
UN3321, Radioactive material, low specific activity (LSA-I), 7 One IP-1 bag, WP-10000 PG-11-06-05		NA		NA		Solid Oxide		Ra-226 Ra-228		8.3988E+02 (2.2702E+01)		15400 LBS; 182 FT3		Bag-41	
FOR CONSIGNEE USE ONLY _____ Record Waste Description Inadequate _____ Contamination or Leakage Detected _____ Unexpected Exposure Rates Detected _____ Labels, Markings, etc. Inadequate _____ Container Integrity Inadequate _____ Other _____ No Violations Detected on this Shipment						19.									

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$$\begin{array}{l} FC(9) \\ FC(9) \end{array}$$

CONTAINER AND WASTE DESCRIPTION

1. Manifest Totals

2. Manifest Number	443325-01
3. Page 1 of 1 Page(s)	
4. Shipper Name	USEPA Region 3 / Fairmont Brine Site
Shipment ID Number	443325-01

Disposal Container Description

#1

Waste Control Specialists

Manifest Number

ADDITIONAL NOTES

443325-01

PAGE 1

Carriers and Addresses

Rail Transporter #1:

Carrier: CSX Transportation, Inc.

Water Street, 15th Floor

Jacksonville, FL 32202

(502) 359-3100

EPA ID# FLA006931340

Rail Transporter #2:

Carrier: Union Pacific Railroad Company

1400 Douglas Street

Omaha, NE 68179

EPA ID# NED001792910

Rail Transporter #3:

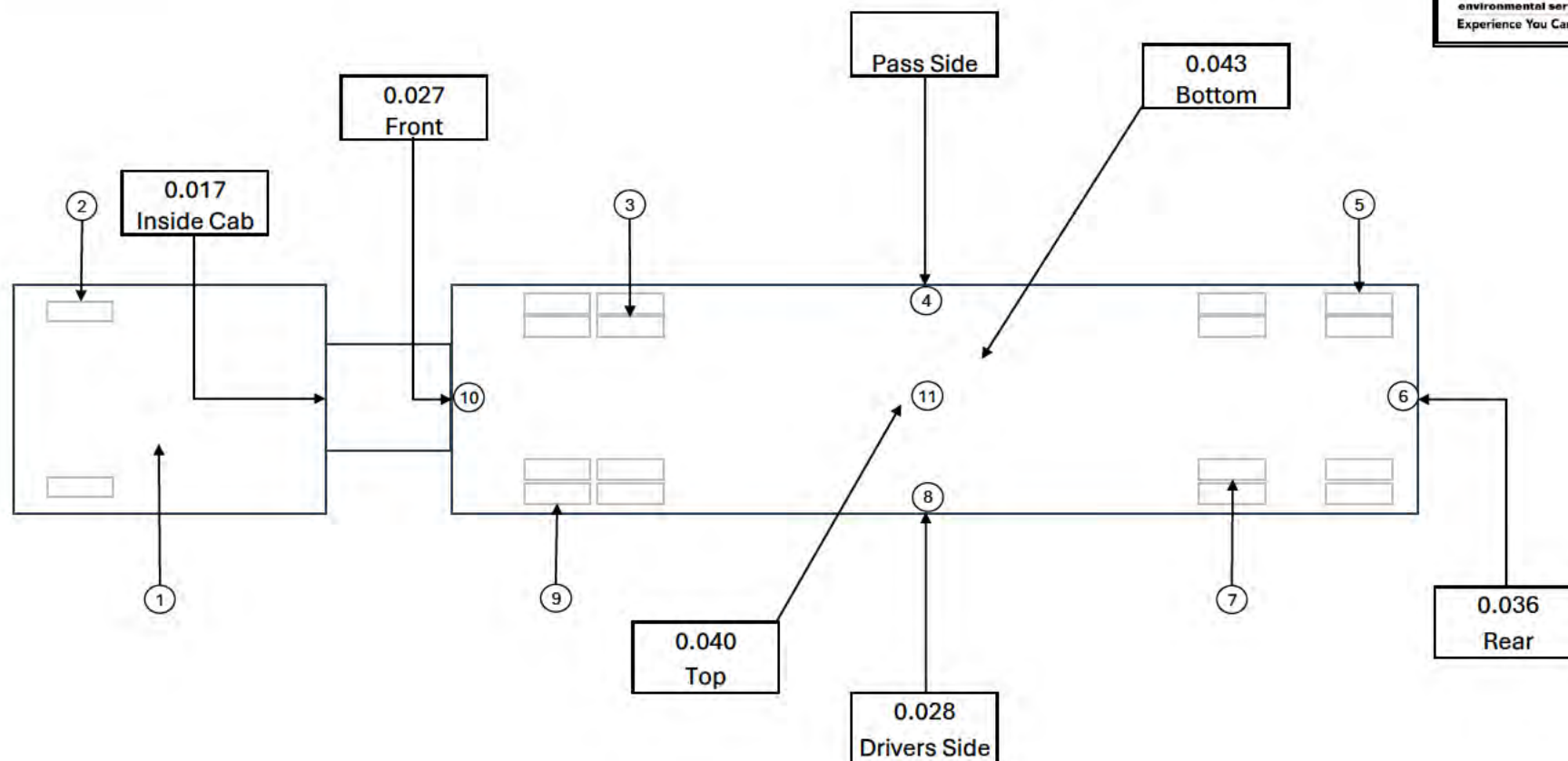
Carrier: WATCO Companies, LLC (dba Texas and New Mexico Railway)

315 West 3rd Street

Pittsburg, KS 66762

(520) 231-2230

EPA ID# NMR000020255



Tractor License Plate # 3615979

State IN

Instrument 2350-1

Model 44-2

Cal Due Date 7/22/2026

Trailer License Plate # T473039

State IL

Instrument 260157
Serial Number PR273892

Background 0.016 mR/hr

Survey Number	FBF-101525-520
Date Surveyed	10/15/2025
Survey Tech	
Date Counted	10/15/2025
Count Room Tech	
Survey Type	Outgoing DOT Waste Conveyance
Level Of Posting	None

Reviewed By

[illegible]

ER

FUTZACKS / SOLID
ADDS Volume

#2

FC/s-2

FORM 540 Waste Control Specialists UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		5. Shipper - Name and Facility USEPA Region 3 / Fairmont Brine Site 188 AFR Drive Fairmont, WV 26554		Shipper ID Number 443325-02 ☐ COLLECTOR ☐ PROCESSOR ☒ GENERATOR TYPE (Specify) G		7. Form 540 and 540A Form 541 and 541A Form 542 and 542A Additional Information		Page 1 of 1 Page(s) 1 Page(s) None Page(s) 1 Page(s)		8. Manifest Number 443325-02					
1. Emergency Telephone Number 1-800-535-5053 (Include Area Code)		WCS Generator Certification ID NA		Shipment Number 443325-02		9. Consignee - Name and Facility Waste Control Specialists LLC Federal Waste Facility 9998 Highway 176 West Andrews, TX 79714		Contact [REDACTED]		Signature - Authorized consignee acknowledging waste receipt Date					
Organization Isotrac # (Contract # 96800)		Contact Core Devine		Phone No (Include Area Code) 304-312-6972		EPA ID Number		10. CERTIFICATION This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, the Commission, and equivalent state regulations. For materials that are consigned to a land disposal facility or waste collector, this certifies that the materials are classified per the applicable requirements of 10 CFR Part 61, meet the land disposal facility's waste acceptance criteria, and are in proper condition for disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations. A collector in signing the certification is certifying that nothing has been done to the collected waste which would invalidate the waste generator's certification.		Authorized Signature and Title Core Devine on Behalf of USEPA					
2. Is this an "Exclusive Use" Shipment? ☒ YES ☐ NO		3. Total Number of packages identified on this manifest? 2		6. Carrier - Name and Address Landstar 13410 Sullivan Park Drive PO Box 19060 Jacksonville, FL 32245		Shipping Date 10/15/2025		Phone No (Include Area Code) [REDACTED]		Date 10/15/25					
4. Does EPA regulated waste requiring a manifest accompany this shipment? If "Yes," provide Manifest Number ☐ YES ☒ NO		EPA Manifest Number		Contact [REDACTED]		Signature - Authorized generator acknowledging waste receipt [REDACTED]		Date 10/15/25		Date 10/15/25					
11. U.S. Department of Transportation Description (Including UN ID number, proper shipping name, hazard class, and any additional information)		12. DOT Labels		13. Transport Index		14. Physical and Chemical Form		15. Individual Radionuclides		16. Maximum Package Activity MBq mCi		17. Total Weight or Volume (Use appropriate units)		18. Identification Number of Package	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R1		NA		NA		Solid Oxide		Ra-226 Ra-228		8.6180E+02 (2.3292E+01)		15800 LBS; 200 FT3		Bag-42	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R1		NA		NA		Solid Oxide		Ra-226 Ra-228		7.1998E+02 (1.9459E+01)		13200 LBS; 176 FT3		Bag-43	
FOR CONSIGNEE USE ONLY												19.			
Record Waste Description Inadequate Contamination or Leakage Detected Unexpected Exposure Rates Detected Labels, Markings, etc. Inadequate Container Integrity Inadequate Other No Violations Detected on this Shipment															

FC/s
FC/s

#2

FORM 541 Waste Control Specialists										1. Manifest Totals				2. Manifest Number							
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST CONTAINER AND WASTE DESCRIPTION Additional Nuclear Regulatory Commission (NRC) Requirements for Control, Transfer and Disposal of Radioactive Waste										No. of Pkg/ Disposal Containers	Net Waste Volume (m³)	Net Waste Weight (kg)	Special Nuclear Material (grams)				Total				
													U-233	U-235	Pu						
													U-233	U-235	Pu						
										2	m3	10.65	kg	13154.18	NP	NP	NP	NP			
										2	m3	376.00	lb	29000.00	NP	NP	NP	NP			
										Activity				Source (kg)							
										All Nucleides		Tritium		C-14		To-96		I-129			
										MBq		1.5818E+03		NP		NP		NP		(kg) NA	
										mCi		4.2751E+01		NP		NP		NP		(lb) NA	
										3. Page 1 of 1 Page(s)											
										4. Shipper Name USEPA Region 3 / Fairmont Brine Site											
										Shipment ID Number 443325-02											
Disposal Container Description										Waste Description for Each Waste Type in Container										17. Waste Class AS-Class A Stable AU-Class A Unstable B-Class B C-Class C	
5. Container Identification Number/Generator ID Number(s)	6. Container Description (See Note 1 & Note 1A)	7. Volume (m³) (ft³)	8. Waste and Container Weight (kg) (lb)	9. Waste Weight (kg) (lb)	10. Surface Radiation Level (mSv/hr) (mrem/hr)	11. Surface Contamination (MBq/100 cm²) (dpm/100 cm²)		12. Waste Descriptor (See Notes 2 & 2A)	13. Approximate Waste Volume(s) in Container (m³) (ft³)	14. Sorbent Solidification, Stabilization, Media (See Note 3)	15. Chemical Description Chemical Form/ Chelating Agent	Weight % Chelating Agent if > 0.1%	16. Radiological Description Individual Radionuclides and Activity (MBq) and Container Total, or Container Total Activity and Radionuclide Percent								
						Alpha	Beta-Gamma						Radionuclides	pCi/gm	MBq	mCi					
Bag-42/4433	19 SOFT SIDED BAG	5.66	7166.76	7166.76	1.5000E-02	<3.3400E-07	<1.6700E-05	22-H	5.66	89 - TOTALSORB	Oxide/NP	NP	Ra-226	3.04000E+03	8.0612E+02	2.1787E+01	AU				
		200.00	15800.00	15800.00	1.5000E+00	<2.0000E+01	<1.0000E+03		200.00				Ra-228	2.10000E+02	5.5685E+01	1.5050E+00					
													Subtotal	8.6181E+02	2.3292E+01						
													Total	8.6181E+02	2.3292E+01						
Bag-43/4433	19 SOFT SIDED BAG	4.98	5987.42	5987.42	1.5000E-02	<3.3400E-07	<1.6700E-05	22-H	4.98	89 - TOTALSORB	Oxide/NP	NP	Ra-226	3.04000E+03	6.7347E+02	1.8202E+01	AU				
		176.00	13200.00	13200.00	1.5000E+00	<2.0000E+01	<1.0000E+03		176.00				Ra-228	2.10000E+02	4.6524E+01	1.2574E+00					
													Subtotal	7.1999E+02	1.9459E+01						
													Total	7.1999E+02	1.9459E+01						
Shipment Totals		10.64	13154.18	13154.18										1.5818E+03	4.2751E+01						
		376.00	29000.00	29000.00																	

Note 1: Container Description Codes. For containers/waste requiring disposal in approved structural overpacks the numerical code must be followed by "-OP."

1. Wooden Box or Crate	9. Demineralizer
2. Metal Box	10. Gas Cylinder
3. Plastic Drum or Pail	11. Bulk, Unpackaged Waste
4. Metal Drum or Pail	12. Unpackaged Components
5. Metal Tank or Liner	13. High Integrity Container
6. Concrete Tank or Liner	19. Other. Describe in Item 6, or additional page
7. Polyethylene Tank or Liner	
8. Fiberglass Tank or Liner	

Note 1A: Bulk Packaging Description Codes. (Choose one code as may be applicable.)

A. Gondola
B. Intermodal
C. End-Dump
D. Roll-off
E. Seavan

Note 2: Waste Descriptor Codes. (Choose up to three which predominate by volume.)

20. Charcoal	29. Demolition Rubble	38. Evaporator Bottoms/Sludges/Concentrates
21. Incinerator Ash	30. Cation Ion-exchange Media	39. Compactible Trash
22. Soil	31. Anion Ion-exchange Media	40. Noncompactible Trash
23. Gas	32. Mixed Bed Ion-exchange Media	41. Animal Carcass
24. Oil	33. Contaminated Equipment	42. Biological Material (except animal carcass)
25. Aqueous Liquid	34. Organic Liquid (except oil)	43. Activated Material
26. Filter Media	35. Glassware or Labware	58. Other. Describe in Item 12, or additional page
27. Mechanical Filter	36. Sealed Source/Device	
28. EPA or State Hazardous	37. Paint or Plating	

Note 2A: Specific Waste Descriptions. (Choose all applicable codes.)

G. Dewastered
H. Solid
I. Combustible
J. Non-combustible
K. Air Filtration Filters
L. Asbestos

Note 3: Solidification and Stabilization Media Codes. (Choose up to three which predominate by volume.) For media meeting disposal site structural stability requirements, the numerical code must be followed by "-S," and the media vendor and brand name must also be identified in Item 14. Code 100=NONE REQUIRED.

Sorption	67. Floro X	74. Petrorel	Solidification	94. Vinyl Ester Styrene
60. Speed Dri	68. Solid A Sorb	75. Petrorel II	90. Cement	98. Other. Describe in Item 14, or additional page
61. Celatone	69. Chemal 30	76. Aquasol	91. Concrete (encapsulation)	
62. Floor Dry/Superline	70. Chemal 50	77. Aquasol II	92. Bitumen	
63. High Dri	71. Chemal 3000	78. Other. Describe in Item 14 or additional page	93. Vinyl Chloride	100. None Required
64. Safe T Sorb	72. Dicaport HP200			
65. Safe N Dri	73. Dicaport HP500			
66. Floro				

#2

Waste Control Specialists

Manifest Number

ADDITIONAL NOTES

443325-02

PAGE 1

Carriers and Addresses

Rail Transporter #1:

Carrier: CSX Transportation, Inc.

Water Street, 15th Floor

Jacksonville, FL 32202

(502) 359-3100

EPA ID# FLA006931340

Rail Transporter #2:

Carrier: Union Pacific Railroad Company

1400 Douglas Street

Omaha, NE 68179

EPA ID# NED001792910

Rail Transporter #3:

Carrier: WATCO Companies, LLC (dba Texas and New Mexico Railway)

315 West 3rd Street

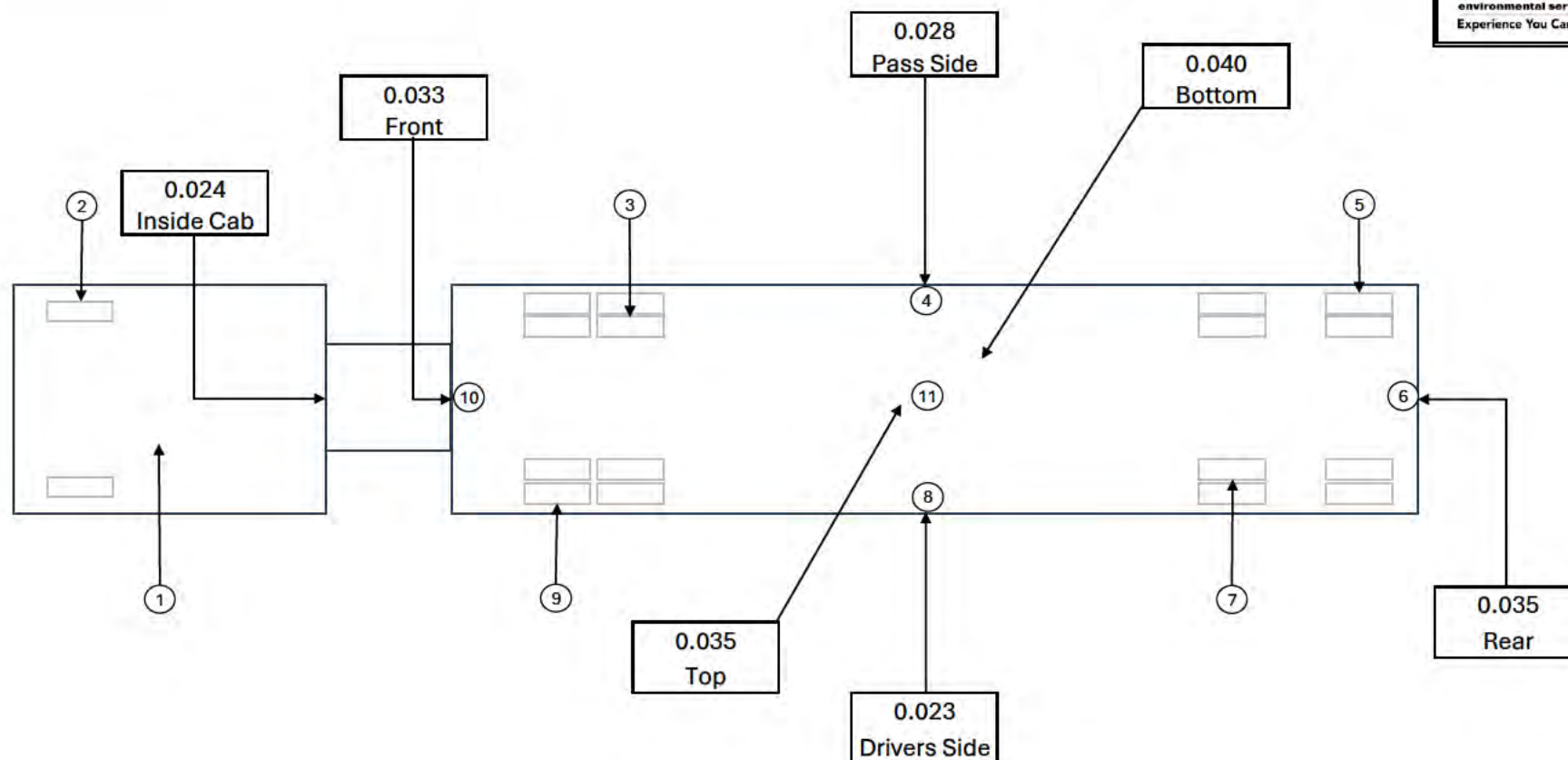
Pittsburg, KS 66762

(520) 231-2230

EPA ID# NMR000020255

Survey Number FBF-101525-521		Item Surveyed Tractor Lic Plate: 2518708 State: IN Trailer Lic Plate: PT1815S State: PA		 Total Activity displayed in dpm/100cm²							
Date Surveyed 10/15/2025		Comments Removable activity measurements listed on this survey were taken in accordance with US Department of Transportation 49 CFR § 173.443. As such, smears were collected over a 300 cm² area and the activity is reported in dpm/cm². Alpha removable activity limit: 24 dpm/cm² Beta-gamma removable activity limit: 240 dpm/cm²									
Survey Tech [REDACTED]											
Date Counted 10/15/2025											
Count Room Tech [REDACTED]											
Survey Type Outgoing DOT Waste Conveyance		Gamma Activity		Total Activity							
Level Of Posting None		Dose Rate		Removable Activity							
		Count Rate		Alpha Beta-Gamma							
Instrument Model				Alpha Beta-Gamma							
Instrument Serial Number				3030 3030							
Cal Due Date				271327 271327							
Instrument Efficiency		N/A		3/26/2026 3/26/2026							
Smear Efficiency		N/A		32.32% 23.52%							
Probe Correction Factor		N/A		10% 10%							
Background Count Time (min)		N/A		300 300							
Sample Count Time (min)		N/A		60 60							
Instrument Background		N/A		0.5 0.5							
MDC		N/A		25 2114							
				0.09 0.48							
No	Description/Location	Gross cpm	Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity
1	Floor - inside cab								0	0	-0.04
2	Tire - front passenger side								0	0	-0.04
3	Tire - tractor rearmost inner								0	0	-0.04
4	Package - passenger side								0	0	-0.04
5	Tire - trailer rearmost outer								1	2	0.16
6	Trailer - rear deck								1	2	0.16
7	Tire - trailer frontmost inner								0	0	-0.04
8	Package - drivers' side								0	0	-0.04
9	Tire - tractor middle outer								0	0	-0.04
10	Trailer - front deck								1	2	0.16
11	Package - top								0	0	-0.04

See Second Page
For Dose Rate Information



Tractor License Plate # 2518708

State IN

Instrument 2350-1

Model 44-2

Cal Due Date 7/22/2026

Trailer License Plate # PT1815S

State PA

Instrument 260157
Serial Number PR273892

Background 0.016 mR/hr

Survey Number	FBF-101525-521
Date Surveyed	10/15/2025
Survey Tech	
Date Counted	10/15/2025
Count Room Tech	
Survey Type	Outgoing DOT Waste Conveyance
Level Of Posting	None

Reviewed By

FORM 540 **Waste Control Specialists**
UNIFORM LOW-LEVEL RADIOACTIVE
WASTE MANIFEST
SHIPPING PAPER

1. Emergency Telephone Number (Include Area Code)
1-800-635-5053

Organization
[Signature] (contract # 00000)

2. Is this an "Exclusive Use" Shipment?
☒ YES ☐ NO

3. Total Number of packages identified on this manifest?
2

4. Does EPA regulated waste require a manifest accompany this shipment?
If "Yes," provide Manifest Number
☐ YES ☒ NO

5. Shipper - Name and Facility
USEPA Region 3 / Fairmont Drive Site
108 AFR Drive
Fairmont, WV 26034

WCS Generator Certification ID
NA

Shipment Number
443325-03

Contact
Cole Devine

6. Carrier - Name and Address
Landstar
13410 Builes Park Drive
PO Box 18080
Jacksonville, FL 32248

Contact
[Signature]

Signature - Authorized carrier acknowledging receipt
[Signature]

Shipper ID Number
443325-03

☐ COLLECTOR
☐ PROCESSOR
☒ GENERATOR TYPE
(Specify) **Q**

Phone No (Include Area Code)
304-912-8972

EPA ID Number
10P160025

Shipping Date
10/15/25

Phone No (Include Area Code)
[Redacted]

Date
10/15/25

7. Form 540 and 541A
Form 541 and 541A
Form 542 and 542A
Additional Information

Page 1 of 1 Page(s)
1 Page(s)
None Page(s)
1 Page(s)

8. Manifest Number
443325-03

9. Consignee - Name and Facility
Waste Control Specialists LLC
Federal Waste Facility - TSD Facility
9998 Highway 176 West
Andrews, TX 79714

Contact
[Redacted]

Phone No (Include Area Code)
[Redacted]

Date
11-06-25

10. CERTIFICATION
This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, the Commission, and equivalent state regulations. For materials that are consigned to a land disposal facility or waste collector, this certifies that the materials are classified per the applicable requirements of 10 CFR Part 61, meet the land disposal facility's waste acceptance criteria, and are in proper condition for disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations. A collector in signing this certification is certifying that nothing has been done to the collected waste which would invalidate the waste generator's certification.

Authorized Signature and Title
Cole Devine on Behalf of USEPA

Date
10/15/25

11. U.S. Department of Transportation Description (Including UN ID number, proper shipping name, hazard class, and any additional information)	12. DOT Label	13. Transport Index	14. Physical and Chemical Form	15. Individual Radionuclides		16. Maximum Package Activity		17. Total Weight or Volume (Use appropriate units)	18. Identification Number of Package
				Rad-226	Rad-228	mSv	mCi		
UN3321, Radioactive material, low specific activity (LSA-I), 7 One IP-1 bag, WP-10588 R1	NA	NA	Solid Oxide	Rad-226	Rad-228	7.8342E+02	(2.0639E+01)	14000 LBS; 177 FT3	Bag-26
UN3321, Radioactive material, low specific activity (LSA-I), 7 One IP-1 bag, WP-10588 R1	NA	NA	Solid Oxide	Rad-226	Rad-228	8.1817E+02	(2.2113E+01)	18000 LBS; 192 FT3	Bag-30

FOR CONSIGNEE USE ONLY

Record Waste Description Inadequate
Contamination or Leakage Detected
Unexpected Exposure Rates Detected
Labels, Markings, etc. Inadequate
Container Integrity Inadequate
Other
No Violations Detected on this Shipment

19.

ER

FULTON/CAKE / SOLID
ADDED VOLUMES

#3

FC/5-2

FORM 540 Waste Control Specialists UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		5. Shipper - Name and Facility USEPA Region 3 / Fairmont Brine Site 168 AFR Drive Fairmont, WV 26554		Shipper ID Number 443325-03 ☐ COLLECTOR ☐ PROCESSOR ☒ GENERATOR TYPE (Specify) G		7. Form 540 and 540A Form 541 and 541A Form 542 and 542A Additional Information		Page 1 of 1 Page(s) 1 Page(s) None Page(s) 1 Page(s)		8. Manifest Number 443325-03					
1. Emergency Telephone Number (Include Area Code) 1-800-635-5053		WCS Generator Certification ID NA		Shipment Number 443325-03		9. Consignee - Name and Facility Waste Control Specialists LLC Federal Waste Facility 9998 Highway 176 West Andrews, TX 79714		Contact [REDACTED] Phone No (Include Area Code) [REDACTED]		Signature - Authorized consignee acknowledging waste receipt [REDACTED]					
Organization Infotrac # (contract # 95600)		2. Is this an "Exclusive Use" Shipment? ☒ YES ☐ NO		3. Total Number of packages identified on this manifest? 2		6. Carrier - Name and Address Landstar 13410 Sultan Park Drive PO Box 19060 Jacksonville, FL 32245		EPA ID Number [REDACTED]		Shipping Date 10/15/2025					
4. Does EPA regulated waste requiring a manifest accompany this shipment? If "Yes," provide Manifest Number ☐ YES ☒ NO		EPA Manifest Number [REDACTED]		Contact [REDACTED] Signature - Authorized carrier acknowledging waste receipt [REDACTED]		Phone No (Include Area Code) [REDACTED]		Date 10/15/25		10. CERTIFICATION "This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, the Commission, and equivalent state regulations. For materials that are consigned to a land disposal facility or waste collector, this certifies that the materials are classified per the applicable requirements of 10 CFR Part 61, meet the land disposal facility's waste acceptance criteria, and are in proper condition for disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations. A collector in signing the certification is certifying that nothing has been done to the collected waste which would invalidate the waste generator's certification."					
11. U.S. Department of Transportation Description (Including UN ID number, proper shipping name, hazard class, and any additional information)		12. DOT Labels		13. Transport Index		14. Physical and Chemical Form		15. Individual Radionuclides		16. Maximum Package Activity MBq mCi		17. Total Weight or Volume (Use appropriate units)		18. Identification Number of Package	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R1		NA		NA		Solid Oxide		Ra-226 Ra-228		7.6362E+02 (2.0639E+01)		14000 LBS; 177 FT3		Bag-26	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R1		NA		NA		Solid Oxide		Ra-226 Ra-228		8.1817E+02 (2.2113E+01)		15000 LBS; 192 FT3		Bag-39	
FOR CONSIGNEE USE ONLY															
19.															
Record Waste Description Inadequate Contamination or Leakage Detected Unexpected Exposure Rates Detected Labels, Markings, etc. Inadequate Container Integrity Inadequate Other No Violations Detected on this Shipment															

FC/5
FC/5

FORM 541 (04-26-2023)

#3

Waste Control Specialists

Manifest Number

ADDITIONAL NOTES

443325-03

PAGE 1

Carriers and Addresses

Rail Transporter #1:

Carrier: CSX Transportation, Inc.

Water Street, 15th Floor

Jacksonville, FL 32202

(502) 359-3100

EPA ID# FLA006931340

Rail Transporter #2:

Carrier: Union Pacific Railroad Company

1400 Douglas Street

Omaha, NE 68179

EPA ID# NED001792910

Rail Transporter #3:

Carrier: WATCO Companies, LLC (dba Texas and New Mexico Railway)

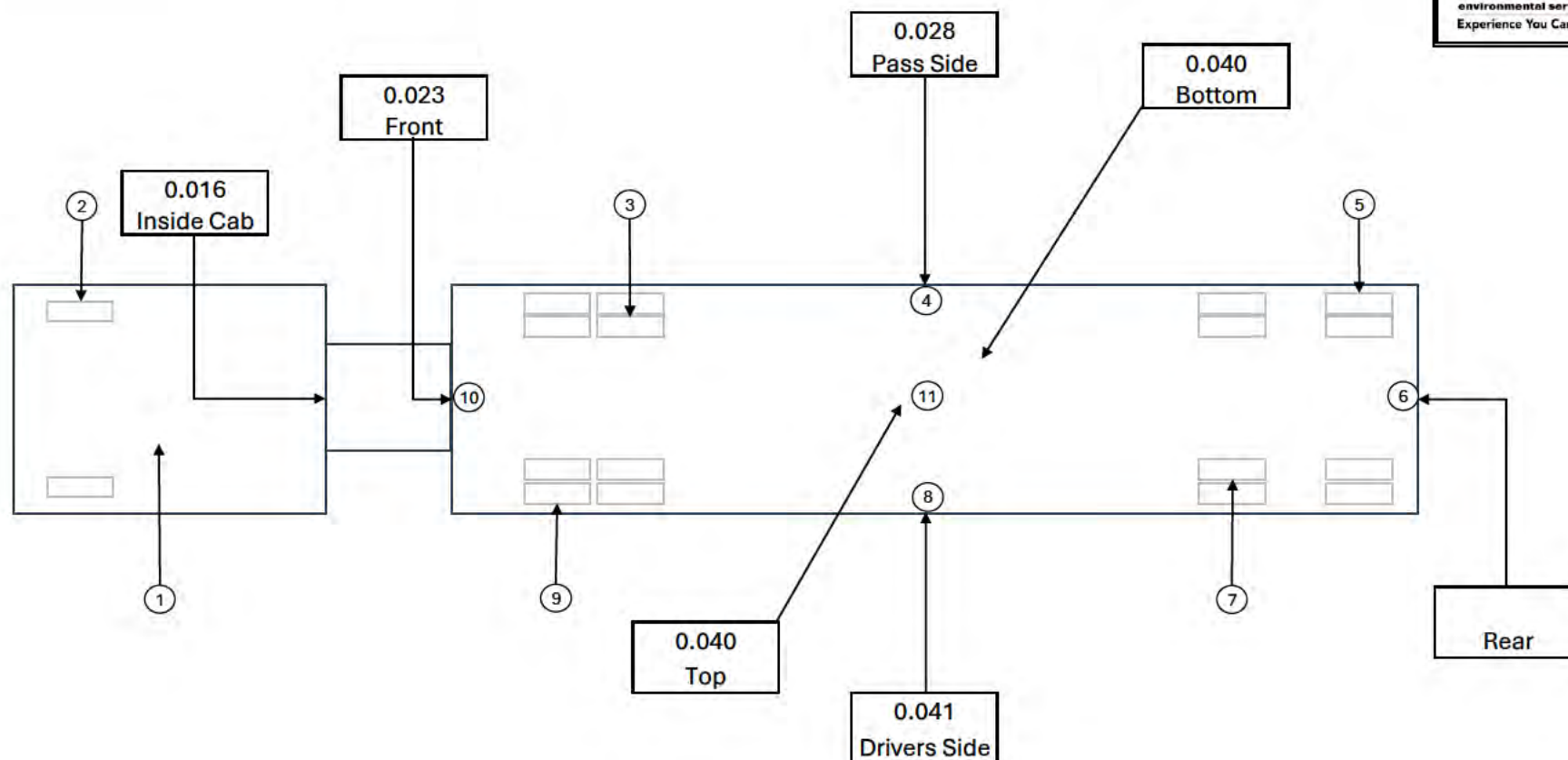
315 West 3rd Street

Pittsburg, KS 66762

(520) 231-2230

EPA ID# NMR000020255

Survey Number FBF-101525-522		Item Surveyed Tractor Lic Plate: 3842535 State: IN Trailer Lic Plate: PF57601 State: IN													
Date Surveyed 10/15/2025		Comments Removable activity measurements listed on this survey were taken in accordance with US Department of Transportation 49 CFR § 173.443. As such, smears were collected over a 300 cm² area and the activity is reported in dpm/cm². Alpha removable activity limit: 24 dpm/cm² Beta-gamma removable activity limit: 240 dpm/cm²		Total Activity displayed in dpm/100cm²											
Survey Tech [REDACTED]															
Date Counted 10/15/2025															
Count Room Tech [REDACTED]															
Survey Type Outgoing DOT Waste Conveyance		Gamma Activity		Total Activity		Removable Activity									
Level Of Posting None		Dose Rate		Count Rate		Alpha		Beta-Gamma		Alpha		Beta-Gamma			
Instrument Model		See Second Page For Dose Rate Information		N/A		N/A		N/A		3030		3030			
Instrument Serial Number										271327		271327			
Cal Due Date										3/26/2026		3/26/2026			
Instrument Efficiency										32.32%		23.52%			
Smear Efficiency										10%		10%			
Probe Correction Factor										300		300			
Background Count Time (min)										60		60			
Sample Count Time (min)										0.5		0.5			
Instrument Background										25		2114			
MDC										0.09		0.48			
No	Description/Location	Gross cpm		Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity
1	Floor - inside cab	See Second Page For Dose Rate Information		N/A		N/A		N/A		0	0	-0.04	16	-3	-0.46
2	Tire - front passenger side									1	2	0.16	16	-3	-0.46
3	Tire - tractor rearmost inner									0	0	-0.04	18	1	0.11
4	Package - passenger side									2	4	0.37	18	1	0.11
5	Tire - trailer rearmost outer									0	0	-0.04	23	11	1.53
6	Trailer - rear deck									2	4	0.37	16	-3	-0.46
7	Tire - trailer frontmost inner									0	0	-0.04	14	-7	-1.03
8	Package - drivers' side									0	0	-0.04	22	9	1.24
9	Tire - tractor middle outer									0	0	-0.04	22	9	1.24
10	Trailer - front deck									0	0	-0.04	23	11	1.53
11	Package - top									1	2	0.16	17	-1	-0.17



Tractor License Plate # 3842535

State IN

Instrument 2350-1

Model 44-2

Cal Due Date 7/22/2026

Trailer License Plate # PF57601

State IN

Instrument 260157
Serial Number PR273892

Background 0.016 mR/hr

Survey Number	FBF-101525-522
Date Surveyed	10/15/2025
Survey Tech	
Date Counted	10/15/2025
Count Room Tech	
Survey Type	Outgoing DOT Waste Conveyance
Level Of Posting	None

Reviewed By

FORM 540 **Waste Control Specialists**

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER

1. Emergency Telephone Number (Include Area Code)
1-800-634-6953

Organization
Indusrec (Recontract # 10300)

2. Is this an "Exclusive Use" Shipment?
☒ YES ☐ NO

3. Total Number of packages identified on this manifest?
2

4. Does EPA regulated waste require a manifest accompany this shipment?
If "Yes," provide Manifest Number
☐ YES ☒ NO

5. Shipper - Name and Facility
USEPA Region 3 / Fairmont Drive 616
153 APR Drive
Fairmont, WV 26034

Shipper ID Number
443325-04

☐ COLLECTOR
☐ PROCESSOR
☒ GENERATOR TYPE
(Specify) **0**

Phone No (Include Area Code)
304-313-8972

WCS Generator Certification ID
NA

Shipment Number
443325-04

Contact
Cole Devine

6. Carrier - Name and Address
Landstar
13410 Sultana Park Drive
PO Box 10980
Jacksonville, FL 32246

EPA ID Number

Shipping Date
10/15/2005

Phone No (Include Area Code)

Signature - Authorized consignee (date/initials)
10-15-2005

7. Form 540 and 540a Page 1 of 1
Form 541 and 541a Page(s)
Form 542 and 542a None Page(s)
Additional Information 1 Page(s)

8. Manifest Number
443325-04

9. Consignee - Name and Facility
Waste Control Specialists LLC
Federal Waste Facility TSD Facility
9898 Highway 178 West
Andrews, TX 79714

Contact
Marlow Carberight
Phone No (Include Area Code)

Signature - Authorized consignee (date/initials)
11-06-25

10. CERTIFICATION
This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, the Commission, and equivalent state regulations. For materials that are consigned to a land disposal facility or waste collector, this certifies that the materials are classified per the applicable requirements of 10 CFR Part 61, meet the land disposal facility's waste acceptance criteria, and are in proper condition for disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations. A collector in signing this certification is certifying that nothing has been done to the collected waste which would invalidate the waste generator's certification.

Authorized Signature and Title
Cole Devine as Agent of USEPA

Date
10/16/2005

11. U.S. Department of Transportation Description (Including UN ID number, proper shipping name, hazard class, and any additional information)	12. DOT Label	13. Transport Index	14. Physical and Chemical Form	15. Individual Radionuclide	16. Maximum Package Activity MBq mCi	17. Total Weight or Volume (Use appropriate units)	18. Identification Number of Package
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10596 R1	NA	NA	Solid Oxide	Ra-226 Ra-228	7.5271E+02 (2.0344E+01)	13800 LBS; 174 FT3	Bag-27
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10596 R1	NA	NA	Solid Oxide	Ra-226 Ra-228	8.6085E+02 (2.2997E+01)	16600 LBS; 197 FT3	Bag-31

FOR CONSIGNEE USE ONLY

Record Waste Description Inadequate
Contamination or Leakage Detected
Unexpected Exposure Rates Detected
Labels, Markings, etc. Inadequate
Container Integrity Inadequate
Other
No Violations Detected on this Shipment

19.

FILTRATES / SOLID
ADDED Volume
FC/s - 2

FC/9
FC/9

#4

FORM 541 Waste Control Specialists										1. Manifest Totals								2. Manifest Number			
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST CONTAINER AND WASTE DESCRIPTION Additional Nuclear Regulatory Commission (NRC) Requirements for Control, Transfer and Disposal of Radioactive Waste										No. of Pkgs/ Disposal Containers	Net Waste Volume (m ³)	Net Waste Weight (kg)	Special Nuclear Material (grams)				Source (kg)	3. Page 1 of 1 Page(s)			
													U-233		U-235				Pu		Total
													NP		NP				NP		
										2	m ³ 10.51	kg 13335.62	NP		NP		NP		NP		4. Shipper Name USEPA Region 3 / Fairmont Brine Site
											m ³ 371.00	kg 29400.00	NP		NP		NP		Shipment ID Number 443325-04		
										Activity				Source (kg)							
										All Nucleides		Tritium		C-14		Tc-99		I-129			
										MBq	1.6036E+03	NP	NP	NP	NP	NP	(kg)	NA			
										mCi	4.3341E+01	NP	NP	NP	NP	NP	(lb)	NA			
Disposal Container Description										Waste Description for Each Waste Type in Container										17. Waste Class AS-Class A Stable AU-Class A Unstable B-Class B C-Class C	
5. Container Identification Number/Generator ID Number(s)	6. Container Description (See Note 1 & Note 1A)	7. Volume (m ³) (ft ³)	8. Waste and Container Weight (kg) (lb)	9. Waste Weight (kg) (lb)	10. Surface Radiation Level (mSv/hr) (mrem/hr)	11. Surface Contamination (MBq/100 cm ²) (dpm/100 cm ²)		12. Waste Descriptor (See Notes 2 & 2A)	13. Approximate Waste Volume(s) in Container (m ³) (ft ³)		14. Sorbent Solidification, Stabilization, Media (See Note 3)	15. Chemical Description Chemical Form/ Chelating Agent	Weight % Chelating Agent if > 0.1%	16. Radiological Description Individual Radionuclides and Activity (MBq) and Container Total, or Container Total Activity and Radionuclide Percent							
						Alpha	Beta-Gamma		Radionuclides	pCi/gm				MBq	mCi						
Bag-27/4433	18 SOFT SIDED BAG	4.93	6259.58	6259.58	1.5000E-02	<1.3400E-07	<1.6700E-06	22-H	4.93	89 - TOTALSORB	Oxide/NP	NP	Ra-226 Ra-228 Subtotal Total	3.04000E+03 2.10000E+02 7.5271E+02 7.5271E+02	7.0407E+02 4.8637E+01 2.0344E+01 2.0344E+01	1.9029E+01 1.3145E+00 2.0344E+01 2.0344E+01	AU				
		174.00	13800.00	13800.00	1.5000E+00	<2.0000E+01	<1.0000E+03		174.00												
Bag-31/4433	19 SOFT SIDED BAG	5.58	7076.04	7076.04	1.5000E-02	<1.3400E-07	<1.6700E-05	22-H	5.58	89 - TOTALSORB	Oxide/NP	NP	Ra-226 Ra-228 Subtotal Total	3.04000E+03 2.10000E+02 5.4982E+01 5.4982E+01	7.9591E+02 4.8637E+01 2.2997E+01 2.2997E+01	2.1511E+01 1.4860E+00 2.2997E+01 2.2997E+01	AU				
		197.00	15600.00	15600.00	1.5000E+00	<2.0000E+01	<1.0000E+03		197.00												
Shipment Totals		10.51	13335.62	13335.62											1.6036E+03	4.3341E+01					
		371.00	29400.00	29400.00																	

Note 1: Container Description Codes. For containers/waste requiring disposal in approved structural overpacks the numerical code must be followed by "OP."

1. Wooden Box or Crate	9. Demineralizer
2. Metal Box	10. Gas Cylinder
3. Plastic Drum or Pail	11. Bulk, Unpackaged Waste
4. Metal Drum or Pail	12. Unpackaged Components
5. Metal Tank or Liner	13. High Integrity Container
6. Concrete Tank or Liner	19. Other. Describe in Item 6, or additional page
7. Polyethylene Tank or Liner	
8. Fiberglass Tank or Liner	

Note 1A: Bulk Packaging Description Codes. (Choose one code as may be applicable.)

A. Gondola
B. Intermodal
C. End-Dump
D. Roll-off
E. Seavan

Note 2: Waste Descriptor Codes. (Choose up to three which predominate by volume.)

20. Charcoal	29. Demolition Rubble	38. Evaporator Bottoms/Sludges/Concentrates
21. Incinerator Ash	30. Cation Ion-exchange Media	
22. Soil	31. Anion Ion-exchange Media	
23. Gas	32. Mixed Bed Ion-exchange Media	
24. Oil	33. Contaminated Equipment	
25. Aqueous Liquid	34. Organic Liquid (except oil)	
26. Filter Media	35. Glassware or Labware	
27. Mechanical Filter	36. Sealed Source/Device	
28. EPA or State Hazardous	37. Paint or Plating	

Note 2A: Specific Waste Descriptions (Choose all applicable codes.)

G. Dewatered
H. Solid
I. Combustible
J. Non-combustible
K. Air Filtration Filters
L. Asbestos

Note 3: Solidification and Stabilization Media Codes. (Choose up to three which predominate by volume.) For media meeting disposal site structural stability requirements, the numerical code must be followed by "S." and the media vendor and brand name must also be identified in Item 14. Code 100=NONE REQUIRED.

Sorption	57. Fibroc X	74. Petroset	Solidification	94. Vinyl Ester Glyrene
59. Speed Ori	58. Solid A Sorb	75. Petroset II	90. Cement	95. Other. Describe in Item 14, or additional page
61. Celcon	62. Floor Dry/Superfine	63. High Dri	91. Concrete (encapsulation)	
64. Safe T Sorb	65. Chemical 50	66. Flocon	92. Bitumen	
64. Safe N Dri	71. Chemical 3030		93. Vinyl Chloride	100. None Required
72. Diaper/HF200	77. Aqueset II			
73. Diaper/HF500	85. Other. Describe in Item 14 or additional page			

#4

Waste Control Specialists

Manifest Number

ADDITIONAL NOTES

443325-04

PAGE 1

Carriers and Addresses

Rail Transporter #1:

Carrier: CSX Transportation, Inc.

Water Street, 15th Floor

Jacksonville, FL 32202

(502) 359-3100

EPA ID# FLA006931340

Rail Transporter #2:

Carrier: Union Pacific Railroad Company

1400 Douglas Street

Omaha, NE 68179

EPA ID# NED001792910

Rail Transporter #3:

Carrier: WATCO Companies, LLC (dba Texas and New Mexico Railway)

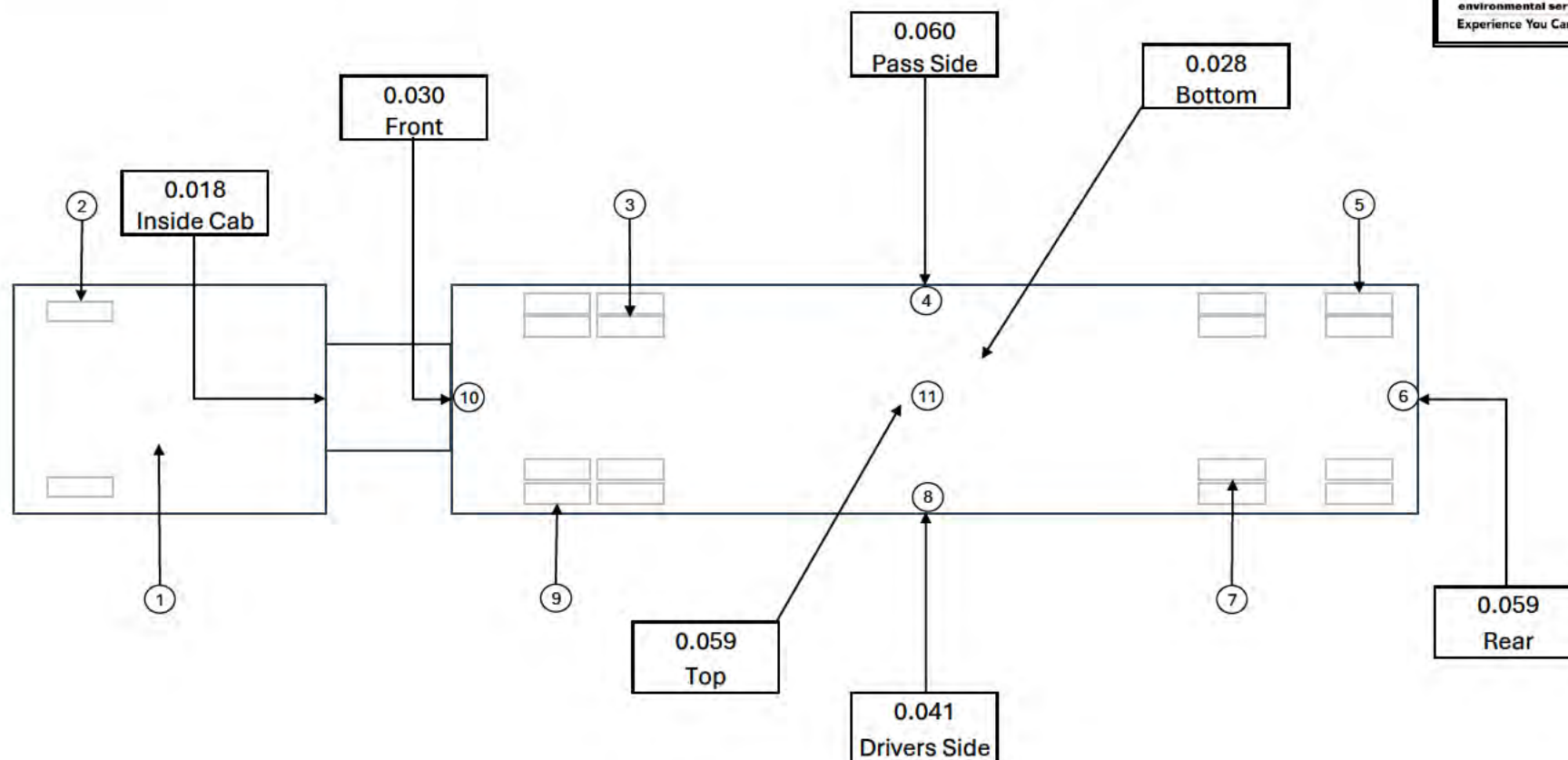
315 West 3rd Street

Pittsburg, KS 66762

(520) 231-2230

EPA ID# NMR000020255

Survey Number FBF-101525-523		Item Surveyed Tractor Lic Plate: 3615979 State: IN Trailer Lic Plate: T473039 State: IL									
Date Surveyed 10/15/2025		Comments Removable activity measurements listed on this survey were taken in accordance with US Department of Transportation 49 CFR § 173.443. As such, smears were collected over a 300 cm² area and the activity is reported in dpm/cm². Alpha removable activity limit: 24 dpm/cm² Beta-gamma removable activity limit: 240 dpm/cm²		Total Activity displayed in dpm/100cm²							
Survey Tech [REDACTED]											
Date Counted 10/15/2025											
Count Room Tech [REDACTED]											
Survey Type Outgoing DOT Waste Conveyance											
Level Of Posting None											
Instrument Model											
Instrument Serial Number											
Cal Due Date											
Instrument Efficiency		N/A									
Smear Efficiency		N/A		N/A							
Probe Correction Factor		N/A		1							
Background Count Time (min)				1							
Sample Count Time (min)				1							
Instrument Background											
MDC		N/A		0.09							
No	Description/Location	Gross cpm	Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity
1	Floor - inside cab								0	0	-0.04
2	Tire - front passenger side								0	0	-0.04
3	Tire - tractor rearmost inner								0	0	-0.04
4	Package - passenger side								1	2	0.16
5	Tire - trailer rearmost outer								0	0	-0.04
6	Trailer - rear deck								0	0	-0.04
7	Tire - trailer frontmost inner								1	2	0.16
8	Package - drivers' side								1	2	0.16
9	Tire - tractor middle outer								2	4	0.37
10	Trailer - front deck								0	0	-0.04
11	Package - top								0	0	-0.04



Tractor License Plate # 3615979

State IN

Instrument 2350-1

Model 44-2

Cal Due Date 7/22/2026

Trailer License Plate # T473039

State IL

Instrument 260157
Serial Number PR273892

Background 0.016 mR/hr

Survey Number	FBF-101525-523
Date Surveyed	10/15/2025
Survey Tech	
Date Counted	10/15/2025
Count Room Tech	
Survey Type	Outgoing DOT Waste Conveyance
Level Of Posting	None

Reviewed By

FORM 540		Waste Control Specialists		Shipper - Name and Facility USEPA Region 3 / Fairmont Drive Site 100 AFR Drive Fairmont, WV 26034		Shipper ID Number 443325-05 ☐ COLLECTOR ☐ PROCESSOR ☒ GENERATOR TYPE (Specify) @ Phone No (Include Area Code) 304-913-8972 EPA I.D. Number Shipping Date 10/15/25 Phone No (Include Area Code)		Form 540 and 541A Form 541 and 541A Form 542 and 542A Additional Information Page 1 of 1 1 Page(s) None Page(s) 1 Page(s)		E. Manifest Number 443325-05							
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER				WCE Generator Certification ID NA Shipment Number 443325-05		9. Consignee - Name and Facility Waste Control Specialists LLC <i>Federal Waste Facility TSD Facility</i> 8998 Highway 178 West Andrews, TX 79714 Date 11-06-25											
1. Emergency Telephone Number (include Area Code) 1-800-635-8063				Contact Cole Devine		10. Certification This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, the Commission, and equivalent state regulations. For materials that are consigned to a land disposal facility or waste collector, this certifies that the materials are classified per the applicable requirements of 10 CFR Part 61, meet the land disposal facility's waste acceptance criteria, and are in proper condition for disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations. A collector in signing this certification is certifying that nothing has been done to the collected waste which would invalidate the waste generator's certification. Authorized Signature and Title <i>[Signature]</i> Date 10/15/25											
Organization InfoSource # (contract # 000000)				8. Carrier - Name and Address Leander 13410 Sultan Park Drive PO Box 15000 Jacksonville, FL 32246													
2. Is this an "Exclusive User" shipment? ☒ YES ☐ NO		3. Total Number of packages identified on this manifest? 2		EPA Manifest Number													
4. Does EPA regulated waste requiring a manifest accompany this shipment? If "Yes," provide Manifest Number ☐ YES ☒ NO																	
11. U.S. Department of Transportation Description (including UN ID number, proper shipping name, hazard class, and any additional information)				12. DOT Labels		13. Transport Index		14. Physical and Chemical Form		15. Individual Radionuclides		16. Maximum Package Activity MBq mCi		17. Total Weight or Volume (Use appropriate units)		18. Identification Number of Package	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10688 R1				NA		NA		Solid Oxide		Ra-226 Pa-228		7.5271E+02 (2.0344E+01)		13800 LBS; 174 FT3		Bag-22	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10688 R1				NA		NA		Solid Oxide		Ra-226 Ra-228		8.5089E+02 (2.2997E+01)		16600 LBS; 197 FT3		Bag-32	
FOR CONTAINER USE ONLY										19.							
Record Waste Description Inadequate Contamination or Leakage Detected Unexpected Exposure Rates Detected Labels, Markings, etc. Inadequate Container Integrity Inadequate Other No Violations Detected on this Shipment																	

Fiction cover Solid

fc/s-2

20090 August 20 Varies

FORM 540 Waste Control Specialists UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		5. Shipper - Name and Facility USEPA Region 3 / Fairmont Brine Site 168 AFR Drive Fairmont, WV 26554		Shipper ID Number 443325-05 ☐ COLLECTOR ☐ PROCESSOR ☒ GENERATOR TYPE (Specify) G Phone No (Include Area Code) 304-312-6672 EPA I.D. Number Shipping Date 10/15/2025 Phone No (Include Area Code) [REDACTED]		7. Form 540 and 540A Page 1 of 1 Page(s) Form 541 and 541A 1 Page(s) Form 542 and 542A None Page(s) Additional Information 1 Page(s)		8. Manifest Number 443325-05											
1. Emergency Telephone Number (Include Area Code) 1-800-535-5053		WCS Generator Certification ID NA		Shipment Number 443325-05		9. Consignee - Name and Facility Waste Control Specialists LLC Federal Waste Facility 9998 Highway 176 West Andrews, TX 79714		Contact [REDACTED] Phone No (Include Area Code) [REDACTED]											
Organization Inforac # (contract # 98800)		Contact Cole Devine		Signature - Authorized consignee acknowledging waste receipt [Signature]		Date 10/15/25													
2. Is this an "Exclusive Use" Shipment? ☒ YES ☐ NO		3. Total Number of packages identified on this manifest? 2		6. Carrier - Name and Address Landstar 13410 Sultan Park Drive PO Box 19080 Jacksonville, FL 32245		10. CERTIFICATION This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, the Commission, and equivalent state regulations. For materials that are consigned to a land disposal facility or waste collector, this certifies that the materials are classified per the applicable requirements of 10 CFR Part 61, meet the land disposal facility's waste acceptance criteria, and are in proper condition for disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations. A collector in signing this certification is certifying that nothing has been done to the collected waste which would invalidate the waste generator's certification. Authorized Signature and Title [Signature] Cole Devine is Auth of WSPFA Date 10/15/25													
4. Does EPA regulated waste requiring a manifest accompany this shipment? If "Yes," provide Manifest Number ☐ YES ☒ NO		EPA Manifest Number [REDACTED]		11. U.S. Department of Transportation Description (Including UN ID number, proper shipping name, hazard class, and any additional information)		12. DOT Labels		13. Transport Index		14. Physical and Chemical Form		15. Individual Radionuclides		16. Maximum Package Activity MBq mCi		17. Total Weight or Volume (Use appropriate units)		18. Identification Number of Package	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R1					NA		NA		Solid Oxide		Ra-226 Ra-228		7.5271E+02 (2.0344E+01)		13800 LBS; 174 FT3		Bag-22		
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R1					NA		NA		Solid Oxide		Ra-226 Ra-228		8.5089E+02 (2.2997E+01)		15600 LBS; 197 FT3		Bag-32		
FOR CONSIGNEE USE ONLY _____ Record Waste Description Inadequate _____ Contamination or Leakage Detected _____ Unexpected Exposure Rates Detected _____ Labels, Markings, etc. Inadequate _____ Container Integrity Inadequate _____ Other _____ No Violations Detected on this Shipment										19.									

FORM 540 (04-28-2023)

FC/9	
FC/9	

52

FORM 541 Waste Control Specialists										1. Manifest Totals						2. Manifest Number				
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST										Special Nuclear Material (grams)						443325-05				
CONTAINER AND WASTE DESCRIPTION										U-233 U-235 Pu Total						3. Page 1 of 1 Page(s)				
Additional Nuclear Regulatory Commission (NRC) Requirements for Control, Transfer and Disposal of Radioactive Waste										NP NP NP NP						4. Shipper Name USEPA Region 3 / Fairmont Brine Site				
										Activity						Shipment ID Number 443325-05				
										All Nucleides Tritium C-14 Tc-99 I-129										
										MBq 1.6036E+03 NP NP NP NP (kg) NA										
										mCi 4.3341E+01 NP NP NP NP (lb) NA										
Disposal Container Description										Waste Description for Each Waste Type in Container										17. Waste Class
5. Container Identification Number/Generator ID Number(s)	6. Container Description (See Note 1 & Note 1A)	7. Volume (m3) (l)	8. Waste and Container Weight (kg) (lb)	9. Waste Weight (kg) (lb)	10. Surface Radiation Level (mSv/hr) (mrem/hr)	11. Surface Contamination (MBq/100 cm2) (dpm/100 cm2)		12. Waste Descriptor (See Notes 2 & 2A)		13. Approximate Waste Volume(s) in Container (l) (ft3)		14. Sorbent Solidification, Stabilization, Media (See Note 3)		15. Chemical Description		16. Radiological Description				17. Waste Class
																Individual Radionuclides and Activity (MBq) and Container Total, or Container Total Activity and Radionuclide Percent				
																Radionuclides pCi/gm MBq mCi				
Bag-32/4433	19 SOFT SIDED BAG	4.93	6259.58	6259.58	1.5000E-02	<3.3400E-07	<1.8700E-08	22-H	4.93	89 - TOTALSORB	Oxide/NP	NP	Ra-226	3.04000E+03	7.0407E+02	1.9029E+01	AU			
		174.00	13800.00	13800.00	1.5000E+00	<2.0000E+01	<1.0000E+03		174.00				Ra-228	2.10000E+02	4.8637E+01	1.3145E+00				
													Subtotal	7.6271E+02	2.0344E+01					
													Total	7.6271E+02	2.0344E+01					
Bag-32/4433	19 SOFT SIDED BAG	5.58	7078.04	7078.04	1.5000E-02	<3.3400E-07	<1.8700E-08	22-H	5.58	89 - TOTALSORB	Oxide/NP	NP	Ra-226	3.04000E+03	7.9891E+02	2.1811E+01	AU			
		197.00	15800.00	15800.00	1.5000E+00	<2.0000E+01	<1.0000E+03		197.00				Ra-228	2.10000E+02	5.4882E+01	1.4860E+00				
													Subtotal	8.5089E+02	2.2997E+01					
													Total	8.5089E+02	2.2997E+01					
Shipment Totals		10.51	13335.62	13335.62											1.6036E+03	4.3341E+01				
		371.00	29400.00	29400.00																

Note 1: Container Description Codes. For containers/waste requiring disposal in approved structural overpacks the numerical code must be followed by "OP."

1. Wooden Box or Crate	9. Demineralizer
2. Metal Box	10. Gas Cylinder
3. Plastic Drum or Pail	11. Bulk, Unpackaged Waste
4. Metal Drum or Pail	12. Unpackaged Components
5. Metal Tank or Liner	13. High Integrity Container
6. Concrete Tank or Liner	14. Other. Describe in Item 6, or additional page
7. Polyethylene Tank or Liner	
8. Fiberglass Tank or Liner	

Note 1A: Bulk Packaging Description Codes. (Choose one code as may be applicable.)

A Gondole	B Intermediate
C End-Dump	D Roll-off
E Seavan	

Note 2: Waste Descriptor Codes. (Choose up to three which predominate by volume.)

20. Charcoal	29. Demolition Rubble	38. Evaporator Bottoms/Sludges/Concentrates
21. Incinerator Ash	30. Cation Ion-exchange Media	39. Compactible Trash
22. Soil	31. Anion Ion-exchange Media	40. Noncompactible Trash
23. Gas	32. Mixed Bed Ion-exchange Media	41. Animal Carcasses
24. Oil	33. Contaminated Equipment	42. Biological Material (except animal carcasses)
25. Aqueous Liquid	34. Organic Liquid (except oil)	43. Activated Material
26. Filter Media	35. Glassware or Labware	58. Other. Describe in Item 12, or additional page
27. Mechanical Filter	36. Sealed Source/Device	
28. EPA or State Hazardous	37. Paint or Plating	

Note 2A: Specific Waste Descriptions (Choose all applicable codes.)

G Dewatered	H Solid	I Combustible	J Non-combustible	K Air Filtration Filters	L Asbestos
-------------	---------	---------------	-------------------	--------------------------	------------

Note 3: Solidification and Stabilization Media Codes. (Choose up to three which predominate by volume.) For media meeting disposal site structural stability requirements, the numerical code must be followed by "S." and the media vendor and brand name must also be identified in Item 14. Code 100-NONE REQUIRED.

Sorption	67. Floro X	74. Petrocast	83. Cement	94. Vinyl Ester Styrene
60. Speed Di	68. Solid A Sorb	75. Petrocast II	95. Concrete (noncompaction)	98. Other. Describe in Item 14, or additional page
61. Celatom	69. Chemel 30	76. Aquasol I	99. Bitumen	100. None Required
62. Floor Dry/Superfine	70. Chemel 50	77. Aquasol II	80. Other. Describe in Item 14 or additional page	
63. High Dri	71. Chemel 3000	81. Other. Describe in Item 14 or additional page		
64. Safe T Sorb	72. Diaper HP200			
65. Safe H Dri	73. Diaper HP300			
66. Floro				

SR

Waste Control Specialists

Manifest Number

ADDITIONAL NOTES

443325-05

PAGE 1

Carriers and Addresses

Rail Transporter #1:

Carrier: CSX Transportation, Inc.

Water Street, 15th Floor

Jacksonville, FL 32202

(502) 359-3100

EPA ID# FLA006931340

Rail Transporter #2:

Carrier: Union Pacific Railroad Company

1400 Douglas Street

Omaha, NE 68179

EPA ID# NED001792910

Rail Transporter #3:

Carrier: WATCO Companies, LLC (dba Texas and New Mexico Railway)

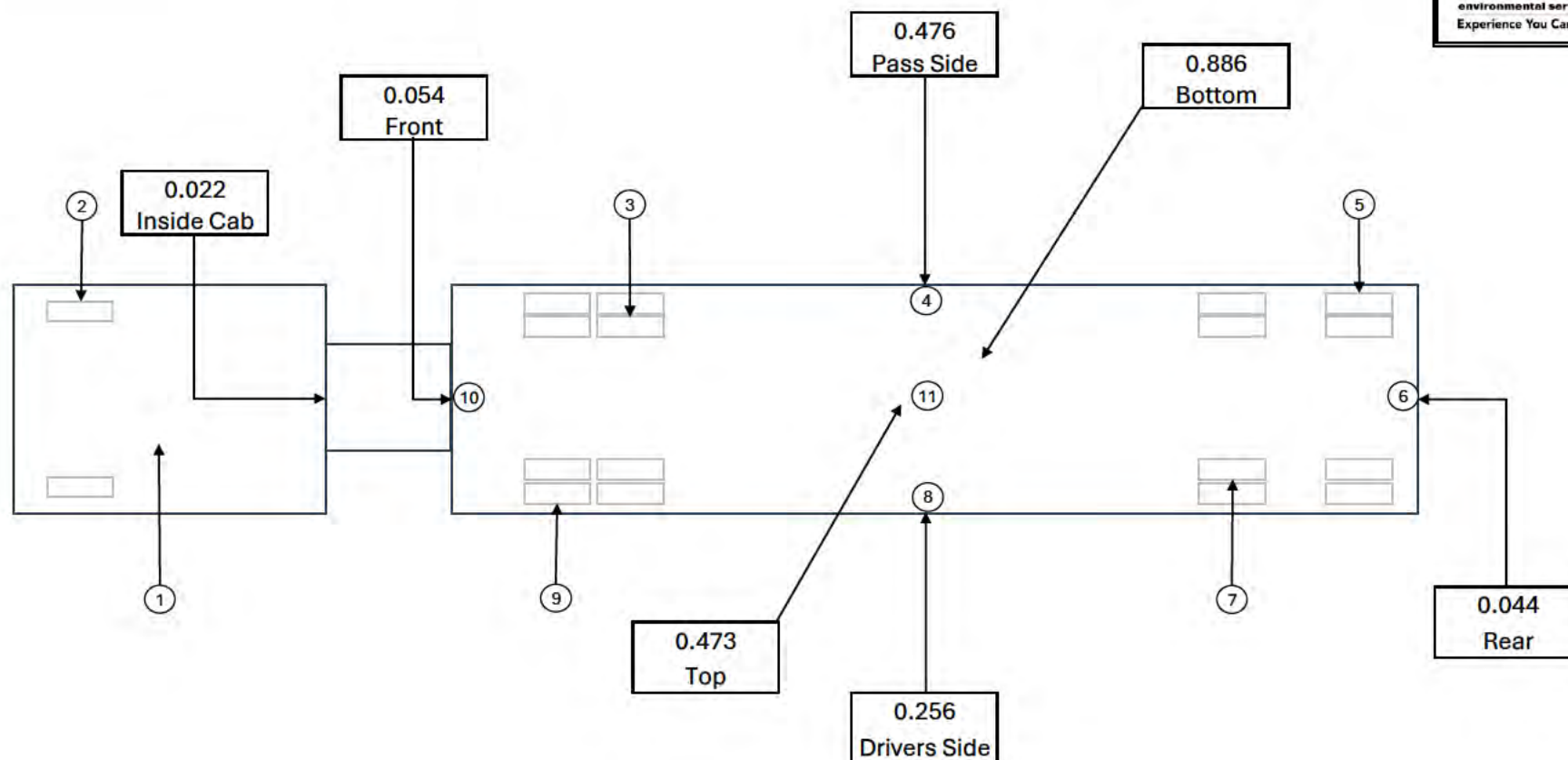
315 West 3rd Street

Pittsburg, KS 66762

(520) 231-2230

EPA ID# NMR000020255

Survey Number FBF-101525-524		Item Surveyed Tractor Lic Plate: 2518708 State: IN Trailer Lic Plate: PT1815S State: PA													
Date Surveyed 10/15/2025		Comments Removable activity measurements listed on this survey were taken in accordance with US Department of Transportation 49 CFR § 173.443. As such, smears were collected over a 300 cm² area and the activity is reported in dpm/cm². Alpha removable activity limit: 24 dpm/cm² Beta-gamma removable activity limit: 240 dpm/cm²		Total Activity displayed in dpm/100cm²											
Survey Tech [REDACTED]															
Date Counted 10/15/2025															
Count Room Tech [REDACTED]															
Survey Type Outgoing DOT Waste Conveyance		Gamma Activity		Total Activity		Removable Activity									
Level Of Posting None		Dose Rate		Count Rate		Alpha		Beta-Gamma		Alpha		Beta-Gamma			
Instrument Model		See Second Page For Dose Rate Information		N/A		N/A		N/A		3030		3030			
Instrument Serial Number										271327		271327			
Cal Due Date										3/26/2026		3/26/2026			
Instrument Efficiency										32.32%		23.52%			
Smear Efficiency										10%		10%			
Probe Correction Factor										300		300			
Background Count Time (min)										60		60			
Sample Count Time (min)										0.5		0.5			
Instrument Background										25		2114			
MDC										0.09		0.48			
No	Description/Location	Gross cpm		Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity
1	Floor - inside cab									0	0	-0.04	25	15	2.09
2	Tire - front passenger side									2	4	0.37	20	5	0.68
3	Tire - tractor rearmost inner									0	0	-0.04	21	7	0.96
4	Package - passenger side									1	2	0.16	22	9	1.24
5	Tire - trailer rearmost outer									1	2	0.16	25	15	2.09
6	Trailer - rear deck									1	2	0.16	15	-5	-0.74
7	Tire - trailer frontmost inner									0	0	-0.04	17	-1	-0.17
8	Package - drivers' side									0	0	-0.04	17	-1	-0.17
9	Tire - tractor middle outer									0	0	-0.04	23	11	1.53
10	Trailer - front deck									0	0	-0.04	13	-9	-1.31
11	Package - top									0	0	-0.04	23	11	1.53



Tractor License Plate # 2518708

State IN

Instrument 2350-1

Model 44-2

Cal Due Date 7/22/2026

Trailer License Plate # PT1815S

State PA

Instrument 260157
Serial Number PR273892

Background 0.016 mR/hr

Survey Number	FBF-101525-524
Date Surveyed	10/15/2025
Survey Tech	
Date Counted	10/15/2025
Count Room Tech	
Survey Type	Outgoing DOT Waste Conveyance
Level Of Posting	None

Reviewed By

#

FORM 540 Waste Control Specialists UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		5. Shipper - Name and Facility USEPA Region 3 / Fairmont Drive Site 168 AFM Drive Fairmont, WV 26554		Shipper ID Number 443325-06 ☐ COLLECTOR ☐ PROCESSOR ☒ GENERATOR TYPE (Specify) G		7. Form 540 and 540A Form 541 and 541A Form 542 and 542A Additional Information		Page 1 of 1 1 Page(s) None Page(s) None Page(s)		8. Manifest Number 443325-06					
1. Emergency Telephone Number 1-800-535-6063 (Include Area Code)		WCS Generator Certification ID NA		Shipment Number 443325-06		9. Consignee - Name and Facility Waste Control Specialists LLC Federal Waste Facility - TSD Facility 9888 Highway 178 West Andrews, TX 79714		Contact [Redacted] Phone No (Include Area Code) [Redacted]		Date 11-06-25					
2. Is this an "Exclusive User" Shipment? ☒ YES ☐ NO		3. Total Number of packages identified on this manifest? 3		6. Carrier - Name and Address Landstar 13010 Bolton Park Drive PO Box 12000 Jacksonville, FL 32246		EPA ID Number [Redacted]		10. CERTIFICATION This is to certify that the herein-carried materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, the Commission, and equivalent state regulations. For materials that are consigned to a land disposal facility or waste collector, this certifies that the materials are classified per the applicable requirements of 10 CFR Part 61, meet the land disposal facility's waste acceptance criteria, and are in proper condition for disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations. A collector in signing this certification is certifying that nothing has been done to the collected waste which would invalidate this waste generator's certification.		Authorized Signature and Title [Signature] Date 10/15/25					
4. Does EPA regulated waste require a manifest accompany this shipment? If "Yes," provide Manifest Number ☐ YES ☒ NO		EPA Manifest Number [Redacted]		Signature - Authorized carrier acknowledging waste receipt [Signature]		Date 10/15/25		Authorized Signature and Title [Signature] Date 10/15/25		Date 10/15/25					
11. U.S. Department of Transportation Description (Including UN ID number, proper shipping name, hazard class, and any additional information)		12. DOT Label		13. Transport Index		14. Physical and Chemical Form		15. Individual Radioactivity		16. Maximum Package Activity MBq mCi		17. Total Weight or Volume (Use appropriate units)		18. Identification Number of Package	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10000 R1		NA		NA		Solid Oxide		Ra-226 Ra-228		7.5271E+02 (2.0344E+01)		13800 LBS; 174 FT3		Bag-23	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10000 R1		NA		NA		Solid Oxide		Ra-226 Ra-228		7.5271E+02 (2.0344E+01)		13800 LBS; 174 FT3		Bag-24	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10000 R1		NA		NA		Solid Oxide		Ra-226 Ra-228		7.4180E+02 (2.0048E+01)		13600 LBS; 172 FT3		Bag-26	
FOR CONSIGNEE USE ONLY Record Waste Description Inadequate Confirmation or Leakage Detected Unexpected Exposure Rates Detected Labels, Markings, etc. Inadequate Container Integrity Inadequate Other No Violations Detected on this Shipment						19.									

ER #6

FC/S - 3
ADPL VOLUMES

FORM 540 Waste Control Specialists		5. Shipper - Name and Facility		Shipper ID Number		7. Form 540 and 540A		8. Manifest Number	
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		USEPA Region 3 / Fairmont Brine Site 168 AFR Drive Fairmont, WV 26554		443325-06		Form 541 and 541A Form 542 and 542A Additional Information		443325-06	
1. Emergency Telephone Number 1-800-535-5053		WCS Generator Certification ID NA		Shipment Number 443325-06		☐ COLLECTOR ☐ PROCESSOR ☒ GENERATOR TYPE (Specify) IG		9. Consignee - Name and Facility	
Organization Infotrac # (contract # 96800)		Contact Cole Devine		Phone No (Include Area Code) 304-312-5972		EPA ID Number		Waste Control Specialists LLC Federal Waste Facility 9998 Highway 176 West Andrews, TX 79714	
2. Is this an "Exclusive Use" Shipment? ☒ YES ☐ NO		3. Total Number of packages identified on this manifest? 3		6. Carrier - Name and Address Landstar 13410 Sultan Park Drive PO Box 19060 Jacksonville, FL 32245		Shipping Date 10/15/25		10. CERTIFICATION	
4. Does EPA regulated waste requiring a manifest accompany this shipment? If "Yes," provide Manifest Number: ☐ YES ☒ NO		EPA Manifest Number		Contact [Redacted]		Phone No (Include Area Code) [Redacted]		Date 10/15/25	
11. U.S. Department of Transportation Description (Including UN ID number, proper shipping name, hazard class, and any additional information)		12. DOT Labels		13. Transport Index		14. Physical and Chemical Form		15. Individual Radionuclides	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R1		NA		NA		Solid Oxide		Ra-226 Ra-228	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R1		NA		NA		Solid Oxide		Ra-226 Ra-228	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R1		NA		NA		Solid Oxide		Ra-226 Ra-228	
FOR CONSIGNEE USE ONLY		19.							
Record Waste Description Inadequate Contamination or Leakage Detected Unexpected Exposure Rates Detected Labels, Markings, etc. Inadequate Container Integrity Inadequate Other No Violations Detected on this Shipment									

[illegible]

#6

Waste Control Specialists

Manifest Number

ADDITIONAL NOTES

443325-06

PAGE 1

Carriers and Addresses

Rail Transporter #1:

Carrier: CSX Transportation, Inc.

Water Street, 15th Floor

Jacksonville, FL 32202

(502) 359-3100

EPA ID# FLA006931340

Rail Transporter #2:

Carrier: Union Pacific Railroad Company

1400 Douglas Street

Omaha, NE 68179

EPA ID# NED001792910

Rail Transporter #3:

Carrier: WATCO Companies, LLC (dba Texas and New Mexico Railway)

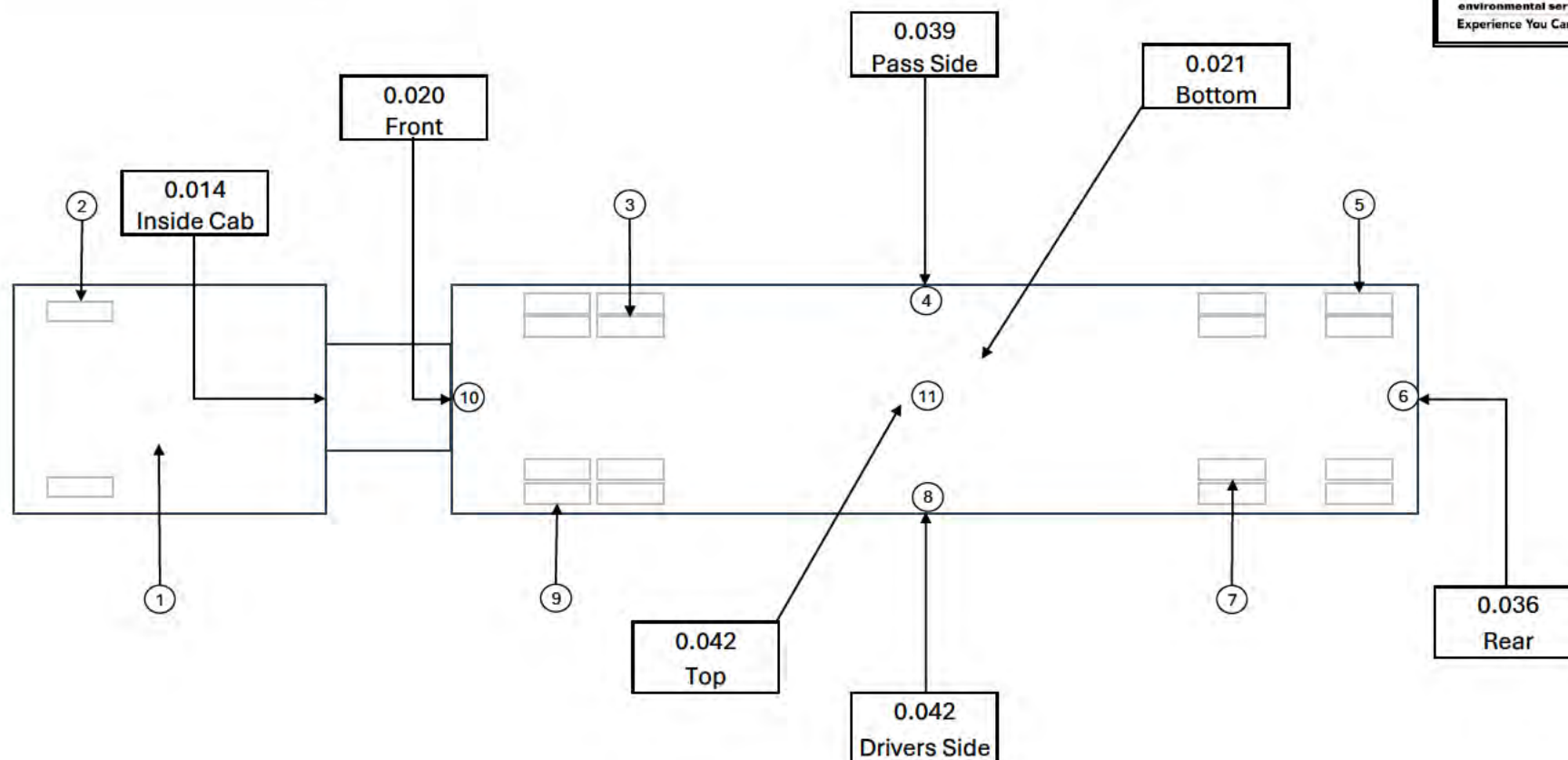
315 West 3rd Street

Pittsburg, KS 66762

(520) 231-2230

EPA ID# NMR000020255

Survey Number FBF-101525-526		Item Surveyed Tractor Lic Plate: 3842535 State: IN Trailer Lic Plate: PF57601 State: IN													
Date Surveyed 10/15/2025		Comments Removable activity measurements listed on this survey were taken in accordance with US Department of Transportation 49 CFR § 173.443. As such, smears were collected over a 300 cm² area and the activity is reported in dpm/cm². Alpha removable activity limit: 24 dpm/cm² Beta-gamma removable activity limit: 240 dpm/cm²		Total Activity displayed in dpm/100cm²											
Survey Tech [REDACTED]															
Date Counted 10/15/2025															
Count Room Tech [REDACTED]															
Survey Type Outgoing DOT Waste Conveyance		Gamma Activity		Total Activity		Removable Activity									
Level Of Posting None		Dose Rate		Count Rate		Alpha		Beta-Gamma		Alpha		Beta-Gamma			
Instrument Model		See Second Page For Dose Rate Information		N/A		N/A		N/A		3030		3030			
Instrument Serial Number										271327		271327			
Cal Due Date										3/26/2026		3/26/2026			
Instrument Efficiency										32.32%		23.52%			
Smear Efficiency										10%		10%			
Probe Correction Factor										300		300			
Background Count Time (min)										60		60			
Sample Count Time (min)										0.5		0.5			
Instrument Background										25		2114			
MDC										0.09		0.48			
No	Description/Location	Gross cpm		Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity
1	Floor - inside cab									0	0	-0.04	17	-1	-0.17
2	Tire - front passenger side									0	0	-0.04	21	7	0.96
3	Tire - tractor rearmost inner									1	2	0.16	17	-1	-0.17
4	Package - passenger side									0	0	-0.04	17	-1	-0.17
5	Tire - trailer rearmost outer									0	0	-0.04	19	3	0.39
6	Trailer - rear deck									0	0	-0.04	20	5	0.68
7	Tire - trailer frontmost inner									0	0	-0.04	21	7	0.96
8	Package - drivers' side									0	0	-0.04	11	-13	-1.88
9	Tire - tractor middle outer									2	4	0.37	21	7	0.96
10	Trailer - front deck									1	2	0.16	15	-5	-0.74
11	Package - top									0	0	-0.04	11	-13	-1.88



Tractor License Plate # 3842535

State IN

Instrument 2350-1

Model 44-2

Cal Due Date 7/22/2026

Trailer License Plate # PF57601

State IN

Instrument 260157
Serial Number PR273892

Background 0.016 mR/hr

Survey Number	FBF-101525-526
Date Surveyed	10/15/2025
Survey Tech	
Date Counted	10/15/2025
Count Room Tech	
Survey Type	Outgoing DOT Waste Conveyance
Level Of Posting	None

Reviewed By

FORM 540 UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		Waste Control Specialists 3. Shipper - Name and Facility USEPA Region 3 / Fairmont Drive Site 148 APR Drive Fairmont, WV 26034		Shipper ID Number 443325-08 ☐ COLLECTOR ☐ PROCESSOR ☒ GENERATOR TYPE (Specify) G Phone No (Include Area Code) 304-313-8872 EPA ID Number 10150285 Shipping Date 10/15/25 Phone No (Include Area Code) 304-313-8872 Date 10-15-25		1. Form 540 and 542A Page 1 of 1 Form 541 and 541A Form 542 and 542A Additional Information 1 Page(s) 1 Page(s) 1 Page(s) 2. Consignee - Name and Facility Waste Control Specialists LLC YSD Facility 0008 Highway 176 West Andrews, TX 79714 Contact [Redacted] Phone No (Include Area Code) [Redacted] Date 11-06-25	
1. Emergency Telephone Number 1-800-636-6053 (Include Area Code) Organization [Redacted] (Contract # 00000)		WCB Generator Certification ID MA Shipper Number 443325-08 Contact Cole Devine		5. Center - Name and Address Landstar 15010 Shulan Park Drive PO Box 19088 Jacksonville, FL 32245 Contact [Redacted] Signature - Authorized center acknowledging waste receipt [Redacted] Date 10-15-25		8. Manifest Number 443325-08 Contact [Redacted] Phone No (Include Area Code) [Redacted] Date 11-06-25	
2. Is this an "Exclusive Use" Shipment? ☒ YES ☐ NO		3. Total Number of packages identified on this manifest? 3		4. Does EPA regulated waste require a manifest accompany this shipment? If "Yes," provide Manifest Number ☐ YES ☒ NO		EPA Manifest Number	
11. U.S. Department of Transportation Description (Including UN ID number, proper shipping name, hazard class, and any additional information)		12. DOT Labels		13. Transport Index		14. Physical and Chemical Form	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One EP-1 bag, WP-10688 R1		NA		NA		Solid Oxide Ra-226 Ra-226	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One EP-1 bag, WP-10688 R1		NA		NA		Solid Oxide Ra-226 Ra-226	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One EP-1 bag, WP-10688 R1		NA		NA		Solid Oxide Ra-226 Ra-226	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One EP-1 bag, WP-10688 R1		NA		NA		Solid Oxide Ra-226 Ra-226	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One EP-1 bag, WP-10688 R1		NA		NA		Solid Oxide Ra-226 Ra-226	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One EP-1 bag, WP-10688 R1		NA		NA		Solid Oxide Ra-226 Ra-226	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One EP-1 bag, WP-10688 R1		NA		NA		Solid Oxide Ra-226 Ra-226	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One EP-1 bag, WP-10688 R1		NA		NA		Solid Oxide Ra-226 Ra-226	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One EP-1 bag, WP-10688 R1		NA		NA		Solid Oxide Ra-226 Ra-226	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One EP-1 bag, WP-10688 R1		NA		NA		Solid Oxide Ra-226 Ra-226	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One EP-1 bag, WP-10688 R1		NA		NA		Solid Oxide Ra-226 Ra-226	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One EP-1 bag, WP-10688 R1		NA		NA		Solid Oxide Ra-226 Ra-226	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One EP-1 bag, WP-10688 R1		NA		NA		Solid Oxide Ra-226 Ra-226	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One EP-1 bag, WP-10688 R1		NA		NA		Solid Oxide Ra-226 Ra-226	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One EP-1 bag, WP-10688 R1		NA		NA		Solid Oxide Ra-226 Ra-226	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One EP-1 bag, WP-10688 R1		NA		NA		Solid Oxide Ra-226 Ra-226	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One EP-1 bag, WP-10688 R1		NA		NA		Solid Oxide Ra-226 Ra-226	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One EP-1 bag, WP-10688 R1		NA		NA		Solid Oxide Ra-226 Ra-226	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One EP-1 bag, WP-10688 R1		NA		NA		Solid Oxide Ra-226 Ra-226	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One EP-1 bag, WP-1068							

ER #7

PT 1 TANK BOTTOM
FC/S 2 ADDL
VOLUME

FORM 540 Waste Control Specialists		5. Shipper - Name and Facility		Shipper ID Number		7. Form 540 and 540A		8. Manifest Number	
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		USEPA Region 3 / Fairmont Brine Site 168 AFR Drive Fairmont, WV 26554		443325-08		Form 541 and 541A Form 542 and 542A Additional Information		443325-08	
1. Emergency Telephone Number 1-800-535-5053		WCS Generator Certification ID NA		Shipment Number 443325-08		☐ COLLECTOR ☐ PROCESSOR ☒ GENERATOR TYPE (Specify) G		9. Consignee - Name and Facility	
Organization Infotrac # (contract # 98800)		Contact Cole Devine		Phone No (Include Area Code) 304-312-4872		EPA ID Number		Waste Control Specialists LLC TSD Facility 9998 Highway 176 West Andrews, TX 79714	
2. Is this an "Exclusive Use" Shipment? ☒ YES ☐ NO		3. Total Number of packages identified on this manifest? 3		6. Carrier - Name and Address Landstar 13416 Sultan Park Drive PO Box 19060 Jacksonville, FL 32245		Shipping Date 10/15/2025		10. CERTIFICATION	
4. Does EPA regulated waste requiring a manifest accompany this shipment? If "Yes," provide Manifest Number ☐ YES ☒ NO		EPA Manifest Number		Contact [REDACTED]		Phone No (Include Area Code) [REDACTED]		This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, the Commission, and equivalent state regulations. For materials that are consigned to a land disposal facility or waste collector, this certifies that the materials are classified per the applicable requirements of 10 CFR Part 61, meet the land disposal facility's waste acceptance criteria, and are in proper condition for disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations. A collector in signing this certification is certifying that nothing has been done to the collected waste which would invalidate the waste generator's certification.	
11. U.S. Department of Transportation Description (Including UN ID number, proper shipping name, hazard class, and any additional information)		12. DOT Labels		13. Transport Index		14. Physical and Chemical Form		15. Individual Radionuclides	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R1		NA		NA		Solid Oxide		Ra-226 Ra-228	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R1		NA		NA		Solid Oxide		Ra-226 Ra-228	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R1		NA		NA		Solid Oxide		Ra-226 Ra-228	
FOR CONSIGNEE USE ONLY		19.							
Record Waste Description Inadequate Contamination or Leakage Detected Unexpected Exposure Rates Detected Labels, Markings, etc. Inadequate Container Integrity Inadequate Other No Violations Detected on this Shipment									

FCB
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#7

FORM 541		Waste Control Specialists		1. Manifest Totals								2. Manifest Number																
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST				No. of Pkgs/ Disposal Containers	Net Waste Volume (m³)	Net Waste Weight (kg)	Special Nuclear Material (grams)				443325-08																	
CONTAINER AND WASTE DESCRIPTION				3	m3	15.80	kg	18325.13	NP	NP	NP	NP																
													MBq	1.6247E+03	NP	NP	NP	NP	(kg)	NA								
																					mCi	4.3911E+01	NP	NP	NP	NP	(lb)	NA
Additional Nuclear Regulatory Commission (NRC) Requirements for Control, Transfer and Disposal of Radioactive Waste				3. Page 1 of 1 Page(s)																								
				4. Shipper Name USEPA Region 3 / Fairmont Brine Site																								
				Shipment ID Number 443325-08																								
Disposal Container Description												Waste Description for Each Waste Type in Container																
5. Container Identification Number/Generator ID Number(s)	6. Container Description (See Note 1 & Note 1A)	7. Volume (m³) (ft³)	8. Waste and Container Weight (kg) (lb)	9. Waste Weight (kg) (lb)	10. Surface Radiation Level (mSv/hr) (mrem/hr)	11. Surface Contamination (MBq/100 cm²) (dpm/100 cm²)		12. Waste Descriptor (See Notes 2 & 2A)		13. Approximate Waste Volume(s) in Container (m³) (ft³)		14. Sorbent Solidification, Stabilization, Media (See Note 3)		15. Chemical Description		16. Radiological Description				17. Waste Class AS-Class A Stable AU-Class A Unstable B-Class B C-Class C								
						Alpha	Beta-Gamma																					
Bag-129/4433	19 SOFT SIDED BAG	5.86	5443.11	5443.11	1.5000E-02	<3.3400E-07	<1.8700E-05	22-H	5.86	89 - TOTALSORB	Oxide/NP	NP	Ra-226	3.56000E+02	7.1695E+01	1.9377E+00	AU											
		200.00	12000.00	12000.00	1.5000E+00	<2.0000E+01	<1.0000E+03	22-H	200.00	89 - TOTALSORB	Oxide/NP	NP	Ra-226	1.97000E+01	3.9675E+00	1.0723E-01												
Bag-29/4433	19 SOFT SIDED BAG	4.93	6259.58	6259.58	1.5000E-02	<3.3400E-07	<1.8700E-05	22-H	4.93	89 - TOTALSORB	Oxide/NP	NP	Ra-226	3.04000E+03	7.0407E+02	1.9029E+01	AU											
		174.00	13800.00	13800.00	1.5000E+00	<2.0000E+01	<1.0000E+03	22-H	174.00	89 - TOTALSORB	Oxide/NP	NP	Ra-226	2.10000E+02	4.8637E+01	1.3145E+00												
Bag-30/4433	19 SOFT SIDED BAG	5.21	6622.45	6622.45	1.5000E-02	<3.3400E-07	<1.8700E-05	22-H	5.21	89 - TOTALSORB	Oxide/NP	NP	Ra-226	3.04000E+03	7.4488E+02	2.0132E+01	AU											
		184.00	14600.00	14600.00	1.5000E+00	<2.0000E+01	<1.0000E+03	22-H	184.00	89 - TOTALSORB	Oxide/NP	NP	Ra-226	2.10000E+02	5.1456E+01	1.3907E+00												
Shipment Totals		15.80	18325.14	18325.14																								
		558.00	40400.00	40400.00																								

Note 1: Container Description Codes. For containers/waste requiring disposal in approved structural overpacks the numerical code must be followed by "OP."

- | | |
|-------------------------------|---|
| 1. Wooden Box or Crate | 9. Demineralizer |
| 2. Metal Box | 10. Gas Cylinder |
| 3. Plastic Drum or Pail | 11. Bulk, Unpackaged Waste |
| 4. Metal Drum or Pail | 12. Unpackaged Components |
| 5. Metal Tank or Liner | 13. High Integrity Container |
| 6. Concrete Tank or Liner | 19. Other, Describe in Item 6, or additional page |
| 7. Polyethylene Tank or Liner | |
| 8. Fiberglass Tank or Liner | |

Note 1A: Bulk Packaging Description Codes. (Choose one code as may be applicable.)

- A. Gondola
B. Intermodal
C. End-Dump
D. Roll-off
E. Seaven

Note 2: Waste Descriptor Codes. (Choose up to three which predominate by volume.)

- | | | |
|----------------------------|----------------------------------|--|
| 20. Charcoal | 29. Demolition Rubble | 38. Evaporator Bottoms/Sludges/Concentrates |
| 21. Incinerator Ash | 30. Cation Ion-exchange Media | 39. Compactible Trash |
| 22. Soil | 31. Anion Ion-exchange Media | 40. Noncompactible Trash |
| 23. Gas | 32. Mixed Bed Ion-exchange Media | 41. Animal Carcass |
| 24. Oil | 33. Contaminated Equipment | 42. Biological Material (except animal carcass) |
| 25. Aqueous Liquid | 34. Organic Liquid (except oil) | 43. Activated Material |
| 26. Filter Media | 35. Glassware or Labware | 59. Other, Describe in Item 12, or additional page |
| 27. Mechanical Filter | 36. Sealed Source/Device | |
| 28. EPA or State Hazardous | 37. Paint or Plating | |

Note 2A: Specific Waste Descriptions. (Choose all applicable codes.)

- G. Dewatered
H. Solid
I. Combustible
J. Non-combustible
K. Air Filtration Filters
L. Asbestos

Note 3: Solidification and Stabilization Media Codes. (Choose up to three which predominate by volume.) For media meeting disposal site structural stability requirements, the numerical code must be followed by "S" and the media vendor and brand name must also be identified in Item 14. Code 100=NONE REQUIRED.

- | | | | | |
|-------------------------|-------------------|---|-----------------------------|--|
| Sorption | 67. Floris X | 74. Petrocel | Solidification | 94. Vinyl Ester Styrene |
| 60. Speed Dri | 68. Solid A Sorb | 75. Petrocel II | 91. Cement | 95. Other, Describe in Item 14, or additional page |
| 61. Celatom | 69. Chemical 30 | 76. Aquasol II | 92. Bitumen (encapsulation) | |
| 62. Floor Dry/Superfine | 70. Chemical 50 | 77. Aquasol II | 93. Vinyl Chloride | 100. None Required |
| 63. High Dri | 71. Chemical 3030 | 89. Other, Describe in Item 14 or additional page | | |
| 64. Safe T Sorb | 72. Diaper/HF200 | | | |
| 65. Safe N On | 73. Diaper/HF500 | | | |

#7

Waste Control Specialists

Manifest Number

ADDITIONAL NOTES

443325-08

PAGE 1

Carriers and Addresses

Rail Transporter #1:

Carrier: CSX Transportation, Inc.

Water Street, 15th Floor

Jacksonville, FL 32202

(502) 359-3100

EPA ID# FLA006931340

Rail Transporter #2:

Carrier: Union Pacific Railroad Company

1400 Douglas Street

Omaha, NE 68179

EPA ID# NED001792910

Rail Transporter #3:

Carrier: WATCO Companies, LLC (dba Texas and New Mexico Railway)

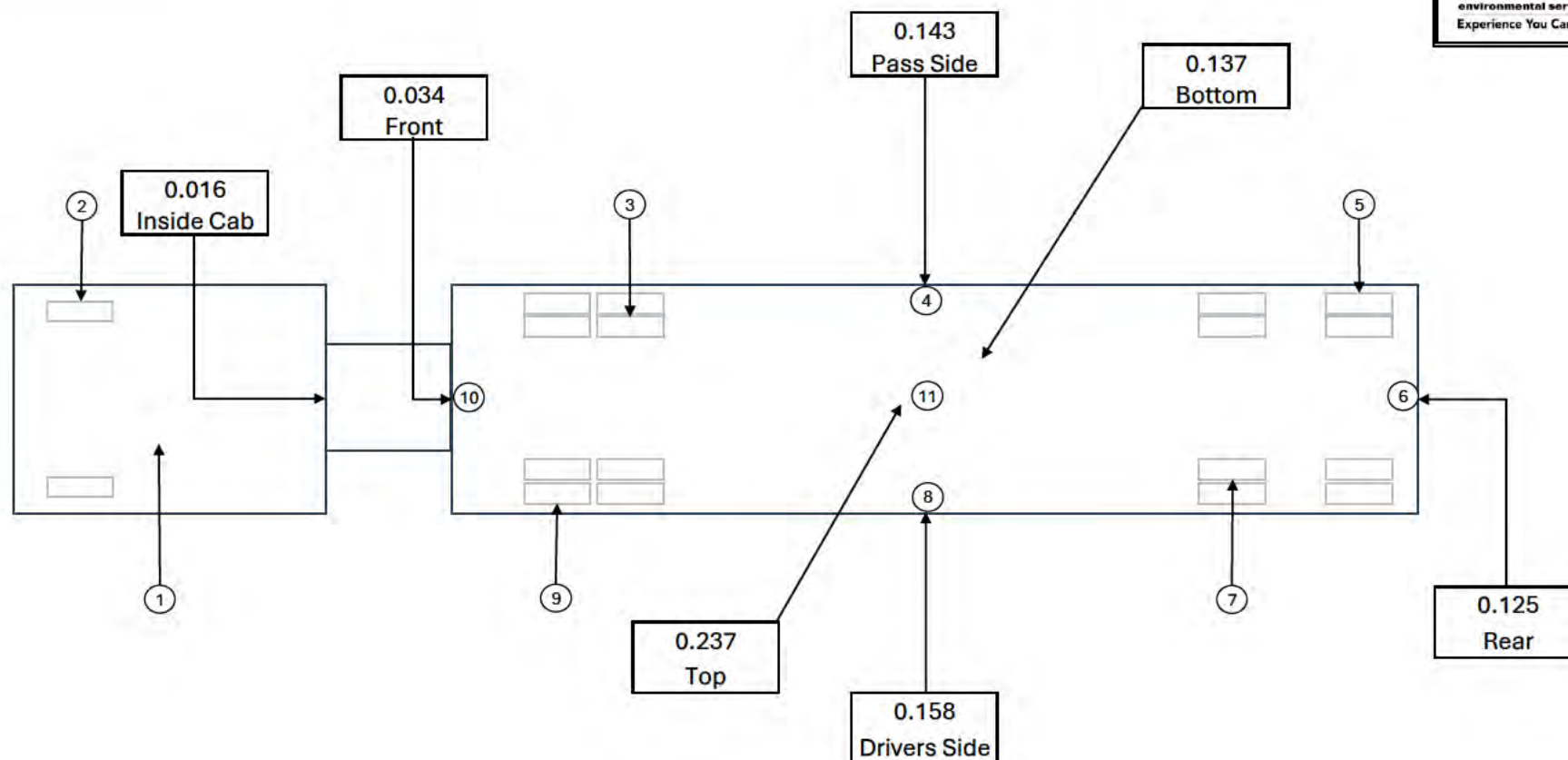
315 West 3rd Street

Pittsburg, KS 66762

(520) 231-2230

EPA ID# NMR000020255

Survey Number FBF-101525-526		Item Surveyed Tractor Lic Plate: 3615979 State: IN Trailer Lic Plate: T473039 State: IL													
Date Surveyed 10/15/2025		Comments Removable activity measurements listed on this survey were taken in accordance with US Department of Transportation 49 CFR § 173.443. As such, smears were collected over a 300 cm² area and the activity is reported in dpm/cm². Alpha removable activity limit: 24 dpm/cm² Beta-gamma removable activity limit: 240 dpm/cm²		Total Activity displayed in dpm/100cm²											
Survey Tech [REDACTED]															
Date Counted 10/15/2025															
Count Room Tech [REDACTED]															
Survey Type Outgoing DOT Waste Conveyance		Gamma Activity		Total Activity		Removable Activity									
Level Of Posting None		Dose Rate		Count Rate		Alpha		Beta-Gamma		Alpha		Beta-Gamma			
Instrument Model		See Second Page For Dose Rate Information		N/A		N/A		N/A		3030		3030			
Instrument Serial Number										271327		271327			
Cal Due Date										3/26/2026		3/26/2026			
Instrument Efficiency										32.32%		23.52%			
Smear Efficiency										10%		10%			
Probe Correction Factor										300		300			
Background Count Time (min)										60		60			
Sample Count Time (min)										0.5		0.5			
Instrument Background										25		2114			
MDC										0.09		0.48			
No	Description/Location	Gross cpm		Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity
1	Floor - inside cab									0	0	-0.04	17	-1	-0.17
2	Tire - front passenger side									0	0	-0.04	18	1	0.11
3	Tire - tractor rearmost inner									0	0	-0.04	11	-13	-1.88
4	Package - passenger side									0	0	-0.04	14	-7	-1.03
5	Tire - trailer rearmost outer									0	0	-0.04	19	3	0.39
6	Trailer - rear deck									0	0	-0.04	18	1	0.11
7	Tire - trailer frontmost inner									0	0	-0.04	14	-7	-1.03
8	Package - drivers' side									0	0	-0.04	17	-1	-0.17
9	Tire - tractor middle outer									1	2	0.16	16	-3	-0.46
10	Trailer - front deck									0	0	-0.04	21	7	0.96
11	Package - top									0	0	-0.04	16	-3	-0.46



Tractor License Plate # 3615979

State IN

Instrument 2350-1

Model 44-2

Cal Due Date 7/22/2026

Trailer License Plate # T473039

State IL

Instrument 260157
Serial Number PR273892

Background 0.016 mR/hr

Survey Number	FBF-101525-526
Date Surveyed	10/15/2025
Survey Tech	
Date Counted	10/15/2025
Count Room Tech	
Survey Type	Outgoing DOT Waste Conveyance
Level Of Posting	None

Reviewed By

Date 10/15/2025

ER #8

FT3

Tank Bottom

FORM 540 Waste Control Specialists UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		5. Shipper - Name and Facility USEPA Region 3 / Fairmont Brine Site 168 AFR Drive Fairmont, WV 26554		Shipper ID Number 443325-09 ☐ COLLECTOR ☐ PROCESSOR ☒ GENERATOR TYPE (Specify) G		7. Form 540 and 540A Page 1 of 1 Form 541 and 541A 1 Page(s) Form 542 and 542A 1 Page(s) Additional Information None Page(s) 1 Page(s)		8. Manifest Number 443325-09	
1. Emergency Telephone Number (Include Area Code) 1-800-635-5053		WCS Generator Certification ID NA		Shipment Number 443325-09		9. Consignee - Name and Facility Waste Control Specialists LLC TSD Facility 9998 Highway 176 West Andrews, TX 79714		Contact [Redacted] Phone No (Include Area Code) [Redacted]	
Organization Infotrac # (contract # 98800)		Contact Cole Devine		Phone No (Include Area Code) 304-312-6872		Signature - Authorized consignee acknowledging waste receipt [Redacted]		Date [Redacted]	
2. Is this an "Exclusive Use" Shipment? ☒ YES ☐ NO		3. Total Number of packages identified on this manifest? 3		6. Carrier - Name and Address Landstar 13410 Sultan Park Drive PO Box 19060 Jacksonville, FL 32245		EPA I.D. Number [Redacted]		10. CERTIFICATION "This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, the Commission, and equivalent state regulations. For materials that are consigned to a land disposal facility or waste collector, this certifies that the materials are classified per the applicable requirements of 10 CFR Part 61, meet the land disposal facility's waste acceptance criteria, and are in proper condition for disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations. A collector in signing the certification is certifying that nothing has been done to the collected waste which would invalidate the waste generator's certification."	
4. Does EPA regulated waste requiring a manifest accompany this shipment? If "Yes," provide Manifest Number ☐ YES ☒ NO		EPA Manifest Number [Redacted]		Contact [Redacted]		Shipping Date 10/15/2025		Date 10/15/25	
11. U.S. Department of Transportation Description (Including UN ID number, proper shipping name, hazard class, and any additional information)		12. DOT Labels		13. Transport Index		14. Physical and Chemical Form		15. Individual Radionuclides	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R1		NA		NA		Solid Oxide		Ra-226 Ra-228	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R1		NA		NA		Solid Oxide		Ra-226 Ra-228	
UN3321, Radioactive material, low specific activity (LSA-II), 7 One IP-1 bag, WP-10598 R1		NA		NA		Solid Oxide		Ra-226 Ra-228	
FOR CONSIGNEE USE ONLY _____ Record Waste Description Inadequate _____ Contamination or Leakage Detected _____ Unexpected Exposure Rates Detected _____ Labels, Markings, etc. Inadequate _____ Container Integrity Inadequate _____ Other _____ No Violations Detected on this Shipment		19.							

FT 2
FT 8
FT 3

#8

FORM 541										Waste Control Specialists															
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST CONTAINER AND WASTE DESCRIPTION Additional Nuclear Regulatory Commission (NRC) Requirements for Control, Transfer and Disposal of Radioactive Waste										1. Manifest Totals										2. Manifest Number 443325-09 3. Page 1 of 1 Page(s) 4. Shipper Name USEPA Region 3 / Fairmont Brine Site Shipment ID Number 443325-09					
										No. of Pkgs/ Disposal Containers		Net Waste Volume (m³)		Net Waste Weight (kg)		Special Nuclear Material (grams)									
																U-233		U-235				Pu		Total	
										3		14.07		13879.93		NP		NP				NP		NP	
										497.00		30600.00													
										Activity															
										All Nuclides		Tritium		C-14		Tc-99		I-129		Source (kg)					
MBq										1.9294E+02		NP		NP		NP		NP		(kg) NA					
mCi										5.2146E+00		NP		NP		NP		NP		(lb) NA					

Disposal Container Description										Waste Description for Each Waste Type in Container										17. Waste Class AS-Class A Stable AU-Class A Unstable B-Class B C-Class C
5. Container Identification Number/Generator ID Number(s)	6. Container Description (See Note 1 & Note 1A)	7. Volume (m³) (ft³)	8. Waste and Container Weight (kg) (lb)	9. Waste Weight (kg) (lb)	10. Surface Radiation Level (mSv/hr) (mrem/hr)	11. Surface Contamination (MBq/100 cm²) (dpm/100 cm²)		12. Waste Descriptor (See Notes 2 & 2A)	13. Approximate Waste Volume(s) in Container (m³) (ft³)	14. Sorbent Solidification, Stabilization, Media (See Note 3)	15. Chemical Description Chemical Form/ Chelating Agent	Weight % Chelating Agent if > 0.1%	16. Radiological Description Individual Radionuclides and Activity (MBq) and Container Total or Container Total Activity and Radionuclide Percent							
						Alpha	Beta-Gamma						Radionuclides	pCi/gm	MBq	mCi				
Bag-125/4433	19 SOFT SIDED BAG	4.21	3719.48	3719.48	1.5000E-02	<3.3400E-07	<1.6700E-05	22-H	4.21	89 - TOTALSORB	Oxide/NP	NP	Ra-226	3.56000E+02	4.8992E+01	1.3241E+00	AU			
		148.50	8200.00	8200.00	1.5000E+00	<2.0000E+01	<1.0000E+03		148.50				Ra-228	1.97000E+01	2.7111E+00	7.3273E-02				
													Subtotal	5.1703E+01	1.3974E+00					
													Total	5.1703E+01	1.3974E+00					
Bag-126/4433	19 SOFT SIDED BAG	4.21	3991.61	3991.61	1.5000E-02	<3.3400E-07	<1.6700E-05	22-H	4.21	89 - TOTALSORB	Oxide/NP	NP	Ra-226	3.56000E+02	5.2577E+01	1.4210E+00	AU			
		148.50	8800.00	8800.00	1.5000E+00	<2.0000E+01	<1.0000E+03		148.50				Ra-228	1.97000E+01	2.9095E+00	7.8634E-02				
													Subtotal	5.5487E+01	1.4996E+00					
													Total	5.5487E+01	1.4996E+00					
Bag-130/4433	19 SOFT SIDED BAG	5.86	6168.86	6168.86	1.5000E-02	<3.3400E-07	<1.6700E-05	22-H	5.86	89 - TOTALSORB	Oxide/NP	NP	Ra-226	3.56000E+02	8.1256E+01	2.1961E+00	AU			
		200.00	13600.00	13600.00	1.5000E+00	<2.0000E+01	<1.0000E+03		200.00				Ra-228	1.97000E+01	4.4966E+00	1.2153E-01				
													Subtotal	8.5753E+01	2.3176E+00					
													Total	8.5753E+01	2.3176E+00					
Shipment Totals		14.08	13879.93	13879.93											1.9294E+02	5.2146E+00				
		497.00	30600.00	30600.00																

- Note 1: Container Description Codes.** For containers/waste requiring disposal in approved structural overpacks the numerical code must be followed by "OP."

1. Wooden Box or Crate	9. Demineralizer
2. Metal Box	10. Gas Cylinder
3. Plastic Drum or Pail	11. Bulk, Unpackaged Waste
4. Metal Drum or Pail	12. Unpackaged Components
5. Metal Tank or Liner	13. High Integrity Container
6. Concrete Tank or Liner	19. Other. Describe in item 6, or additional page
7. Polyethylene Tank or Liner	
8. Fiberglass Tank or Liner	

Note 1A: Bulk Packaging Description Codes. (Choose one code as may be applicable.)

A. Gondole
B. Intermodal
C. End-Dump
D. Roll-off
E. Seavan

Note 2: Waste Descriptor Codes. (Choose up to three which predominate by volume.)

20. Charcoal	29. Demolition Rubble	38. Evaporator Bottoms/Sludges/ Concentrates
21. Incinerator Ash	30. Cation Ion-exchange Media	39. Compactible Trash
22. Soil	31. Anion Ion-exchange Media	40. Noncompactible Trash
23. Gas	32. Mixed Bed Ion-exchange Media	41. Animal Carcass
24. Oil	33. Contaminated Equipment	42. Biological Material (except animal carcass)
25. Aqueous Liquid	34. Organic Liquid (except oil)	43. Activated Material
26. Filter Media	35. Glassware or Labware	59. Other. Describe in item 12, or additional page
27. Mechanical Filter	36. Sealed Source/Device	
28. EPA or State Hazardous	37. Paint or Plating	

Note 2A: Specific Waste Descriptions. (Choose all applicable codes.)

G. Dewatered
H. Solid
I. Combustible
J. Non-combustible
K. Air Filtration Filters
L. Asbestos

Note 3: Solidification and Stabilization Media Codes. (Choose up to three which predominate by volume.) For media meeting disposal site structural stability requirements, the numerical code must be followed by "S," and the media vendor and brand name must also be identified in item 14. Code 100-NONE REQUIRED.

Sorption	67. Florco X	74. Petrocel	Solidification
60. Speed Dri	68. Solid A Sorb	75. Petrocel II	90. Cement
61. Celatium	69. Chemal 30	76. Aquasol	91. Concrete (encapsulation)
62. Floor Dry/Superfine	70. Chemal 50	77. Aquasol II	92. Silumen
63. High Dri	71. Chemal 3030	89. Other. Describe in item 14 or additional page	93. Vinyl Chloride
64. Safe T Sorb	72. Diaper HP200		100. None Required
65. Safe N Dri	73. Diaper HP300		
66. Florco			

#9

Waste Control Specialists

Manifest Number

ADDITIONAL NOTES

443325-09

PAGE 1

Carriers and Addresses

Rail Transporter #1:

Carrier: CSX Transportation, Inc.

Water Street, 15th Floor

Jacksonville, FL 32202

(502) 359-3100

EPA ID# FLA006931340

Rail Transporter #2:

Carrier: Union Pacific Railroad Company

1400 Douglas Street

Omaha, NE 68179

EPA ID# NED001792910

Rail Transporter #3:

Carrier: WATCO Companies, LLC (dba Texas and New Mexico Railway)

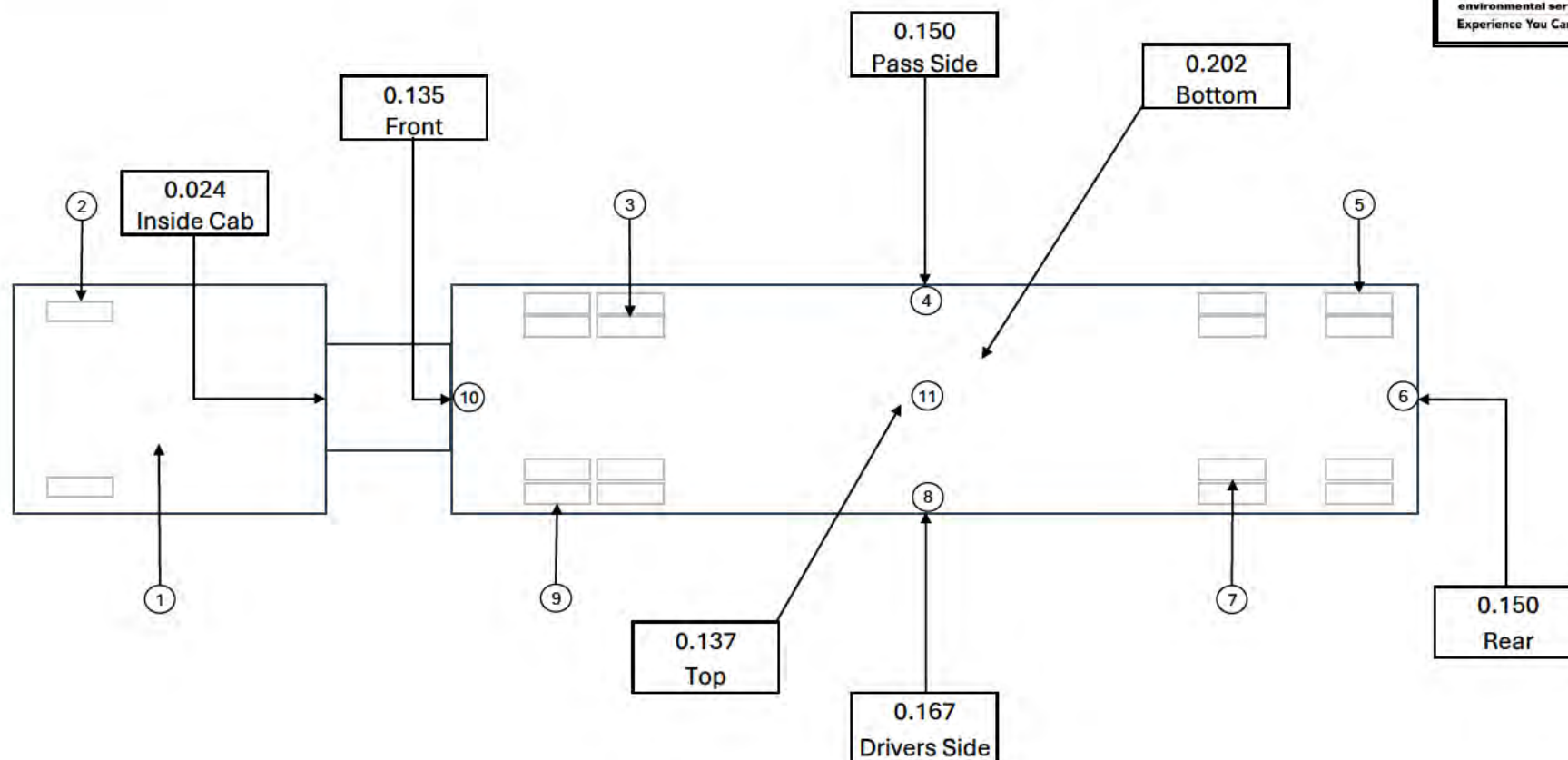
315 West 3rd Street

Pittsburg, KS 66762

(520) 231-2230

EPA ID# NMR000020255

Survey Number FBF-101525-527		Item Surveyed Tractor Lic Plate: 2518708 State: IN Trailer Lic Plate: PT1815S State: PA													
Date Surveyed 10/15/2025		Comments Removable activity measurements listed on this survey were taken in accordance with US Department of Transportation 49 CFR § 173.443. As such, smears were collected over a 300 cm² area and the activity is reported in dpm/cm². Alpha removable activity limit: 24 dpm/cm² Beta-gamma removable activity limit: 240 dpm/cm²		Total Activity displayed in dpm/100cm²											
Survey Tech [REDACTED]															
Date Counted 10/15/2025															
Count Room Tech [REDACTED]															
Survey Type Outgoing DOT Waste Conveyance		Gamma Activity		Total Activity		Removable Activity									
Level Of Posting None		Dose Rate		Count Rate		Alpha		Beta-Gamma		Alpha		Beta-Gamma			
Instrument Model		See Second Page For Dose Rate Information		N/A		N/A		N/A		3030		3030			
Instrument Serial Number										271327		271327			
Cal Due Date										3/26/2026		3/26/2026			
Instrument Efficiency										32.32%		23.52%			
Smear Efficiency										10%		10%			
Probe Correction Factor										300		300			
Background Count Time (min)										60		60			
Sample Count Time (min)										0.5		0.5			
Instrument Background										25		2114			
MDC										0.09		0.48			
No	Description/Location	Gross cpm		Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity	Gross Counts	Net cpm	Net Activity
1	Floor - inside cab									0	0	-0.04	16	-3	-0.46
2	Tire - front passenger side									0	0	-0.04	20	5	0.68
3	Tire - tractor rearmost inner									2	4	0.37	18	1	0.11
4	Package - passenger side									0	0	-0.04	17	-1	-0.17
5	Tire - trailer rearmost outer									0	0	-0.04	25	15	2.09
6	Trailer - rear deck									0	0	-0.04	15	-5	-0.74
7	Tire - trailer frontmost inner									1	2	0.16	22	9	1.24
8	Package - drivers' side									0	0	-0.04	19	3	0.39
9	Tire - tractor middle outer									0	0	-0.04	23	11	1.53
10	Trailer - front deck									1	2	0.16	10	-15	-2.16
11	Package - top									0	0	-0.04	12	-11	-1.59



Tractor License Plate # 2518708

State IN

Instrument 2350-1

Model 44-2

Cal Due Date 7/22/2026

Trailer License Plate # PT1815S

State PA

Instrument 260157
Serial Number PR273892

Background 0.016 mR/hr

Survey Number	FBF-101525-527
Date Surveyed	10/15/2025
Survey Tech	
Date Counted	10/15/2025
Count Room Tech	
Survey Type	Outgoing DOT Waste Conveyance
Level Of Posting	None

Reviewed By

[REDACTED]

From: Thapa, Sandesh <Thapa.Sandesh@epa.gov>
Sent: Monday, March 24, 2025 10:13 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: [EXT]RE: FB3-73 Waste Control Specialists (TXD 988 088 464)--CERCLA Request 3/19/25

*****CAUTION*** This email originates from a source outside the company. Please use caution when opening attachments, clicking on links, or following the senders request.**

Hi [REDACTED]

WCS, Andrews, TX (EPA ID #TXD988088464) facility remains acceptable for CERCLA waste.

Please note that it is still the responsibility of the waste generator to make sure a facility is permitted to receive all the waste streams being shipped to the receiving facility.

This verification of continued acceptability (VCA) is valid until May 24, 2025 (60 days from today). If CERCLA wastes are planned to be sent after this date, please send me a request for a new VCA.

Let me know if you have any questions.

Regards,

Sandesh Thapa
Enforcement and Compliance Assurance Division
U.S. EPA Region 6
Office: 214-665-2265
Cell: 469-616-8576

From: [REDACTED]
Sent: Wednesday, March 19, 2025 11:18 AM
To: Thapa, Sandesh <Thapa.Sandesh@epa.gov>
Cc: [REDACTED]
Subject: FB3-73 Waste Control Specialists (TXD 988 088 464)--CERCLA Request 3/19/25

Caution: This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Good afternoon,

Please let me know if the following facility is CERCLA approved to accept waste:

Waste Control Specialists
9998 West, TX-176
Andrews, TX 79714

TXD 988 088 464
phone 432-525-8500

We will be Rad 226 soil waste from:

Site Address:
US EPA Region 3 / Fairmont Brine Site 168 AFR Drive, Fairmont WV

Thank you,

[REDACTED]

[REDACTED] *CHMM*
Environmental Restoration, LLC
110 Granby Street
Bloomfield, CT 06111

[REDACTED]

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[REDACTED]

From: Thapa, Sandesh <Thapa.Sandesh@epa.gov>
Sent: Tuesday, August 5, 2025 4:51 PM
To: [REDACTED]
Cc: [REDACTED]
Subject: [EXT]RE: FB3-73 Waste Control Specialists (TXD 988 088 464)--CERCLA Request 8/5/25
Attachments: OSR Form EPA Region 6.docx

*****CAUTION*** This email originates from a source outside the company. Please use caution when opening attachments, clicking on links, or following the senders request.**

Hi [REDACTED],

WCS, Andrews, TX (EPA ID #TXD988088464) facility remains acceptable for CERCLA waste.

Could you please fill out the attached OSR form and return it to me?

Please note that it is still the responsibility of the waste generator to make sure a facility is permitted to receive all the waste streams being shipped to the receiving facility.

This verification of continued acceptability (VCA) is valid until October 5, 2025 (60 days from today). If CERCLA wastes are planned to be sent after this date, please send me a request for a new VCA.

Let me know if you have any questions.

Regards,

Sandesh Thapa
Enforcement and Compliance Assurance Division
U.S. EPA Region 6
Office: 214-665-2265

From: [REDACTED]
Sent: Tuesday, August 5, 2025 2:13 PM
To: Thapa, Sandesh <Thapa.Sandesh@epa.gov>
Cc: [REDACTED]
Subject: FB3-73 Waste Control Specialists (TXD 988 088 464)--CERCLA Request 8/5/25

Caution: This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Good afternoon,

Please let me know if the following facility is CERCLA approved to accept waste:

Waste Control Specialists

9998 West, TX-176
Andrews, TX 79714

TXD 988 088 464
phone 432-525-8500

We will be Rad 226 filter cake waste from:

Site Address:

US EPA Region 3 / Fairmont Brine Site 168 AFR Drive, Fairmont WV
168 AFR Drive
Fairmont WV 26544

Thank you,

[REDACTED]

[REDACTED] *CHMM*

Environmental Restoration, LLC
110 Granby Street
Bloomfield, CT 06111

[REDACTED]

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PermaFix®

environmental services

A Nuclear Services and Waste Management Company

1093 Commerce Park
Suite 300
Oak Ridge, TN 37830
Phone: 865-690-0501
Fax: 865-539-9868

Invoice No.

843829

INVOICE

Customer

Name Environmental Restoration, LLC
Address 1666 Fabrick Drive

City St. Louis State MO ZIP 63026

Email: apdropbox@erllc.com

Attn:

Date 09/04/25
Due Date 11/03/25
P.O. 18211WD
ER Job Code FB3-73 Rad RFP

Terms Net 60

Qty	Description	Unit Price	TOTAL
	SITE Name: Fairmont Brine Site Location: Fairmont, WV Prime Contract #: 68HE0322D0001 Period Covered: 08/01/25 - 08/31/25		
1	Line Item 1.0 - Mobilizations		
20	Line Item 4.0 - T&D Shipment Prep (20 Days)		
200	Line Item 4.1 - Non-Haz RCRA Filter Cake (200 Tons [REDACTED])		
6.8	Line Item 4.1 - Non-Haz RCRA Filter Cake (6.8 tons [REDACTED])		
62,769	Line Item 4.1 - Non-Haz RCRA Water [REDACTED]	0.91	\$57,119.79
	Total PO [REDACTED]		
	Total Invoiced [REDACTED]		
	Bal Remaining [REDACTED]		

*Meal Per Diem is Subject to IRS Limitation under Section 274 (d)

POSTED

V# [REDACTED]
Job Code: FB3-73 Team Sub: ☐ Key#: 4451 + 4474

Date Posted: 9/5 Posted by: [Signature] Approval: [REDACTED]

Billable \$ [REDACTED] GL#: 5300-006

GL#: [REDACTED]

SubTotal [REDACTED]

TOTAL [REDACTED]

Payment Details

Please remit payment to:

Perma-Fix Environmental Services, Inc.
% PNC Bank
P. O. Box 676390
Dallas, TX 75267-6390

Now Accepting VISA & Mastercard

Office Use Only

Cust No 101921

Project Number 144433 (email: apdropbox@erllc.com)



1093 Commerce Park
Suite 300
Oak Ridge, TN 37830
Phone: 865-690-0501
Fax: 865-539-9868

Invoice No. 843997

INVOICE

Customer

Name Environmental Restoration, LLC
Address 1666 Fabrick Drive

City St. Louis State MO ZIP 63026
Email: apdropbox@erllc.com
Attn:

Date 11/06/25
Due Date 01/05/26
P.O. 18211WD
CO#1, 2 & 3
ER Job Code
Terms Net 60

Qty	Description	Unit Price	TOTAL
	SITE Name: Fairmont Brine Site		
	Location: Fairmont, WV		
	Prime Contract #: 68HE0322D0001		
	Period Covered: 10/01/25 - 10/31/25		
2	Line Item 1.0 - Mobilizations		
24	Line Item 4.0 - T&D Shipment Prep (24 Days)		
116.75	Line Item 4.1 - Non-Haz RCRA Filter Cake <i>CO#3</i> (116.75 tons)		
	Total PO		
	Total Invoiced		
	Bal Remaining		

POSTED

V# _____ Job Code *FB3-73* Team Sub ☐ Key# *6345 + 6359*

Date Posted: _____ Posted by: *[Signature]* Approver: _____

Billable \$ _____ GL# *5300-206*

Non-Billable \$ _____ GL# _____

*Meal Per Diem is Subject to IRS Limitation under Section 274 (d)

Payment Details

Please remit payment to:

Perma-Fix Environmental Services, Inc.
% PNC Bank
P. O. Box 676390
Dallas, TX 75267-6390

Now Accepting VISA & Mastercard

SubTotal

TOTAL

Office Use Only

Cust No 101921

Project Number 144433 (email: apdropbox@erllc.com)