

NRC FORM 540 UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		5 SHIPPER- NAME AND FACILITY Chase Environmental Group, Inc. 11450 Watterson Court Louisville, KY 40299		SHIPPER ID # N/A		7 NRC FORM 540 AND 540A PAGE 1 OF 1 PAGE(S) PAGE 2 OF 1 PAGE(S) PAGE 3 OF 1 PAGE(S) ADDITIONAL INFORMATION None PAGE(S)		8. Manifest Number (Use this number on all continuation pages) AL-2018-176	
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1. EMERGENCY TELEPHONE NUMBER (INCLUDE AREA CODE) 800-424-9300		2. PERMIT NUMBER T-KY003-L16		3. SHIPPER ID # N/A		4. GENERATOR TYPE (SPECIFY) X COLLECTOR PROCESSOR		9. CONSIGNEE-NAME AND FACILITY ADDRESS Aleron Corporation 2138 State Route 18 Wampum, PA 18157	
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ORGANIZATION CHEMTREC WSDS #: CHEN01RAD Customer #: 4395		CONTACT Seb Cannata		TELEPHONE # 800-306-0195		CONTACT Mike Ollowski		Telephone Number (include area code) 724-535-5777	
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6. CARRIER NAME AND ADDRESS SJ Transportation Co., Inc. PO Box 169 Woodstown, NJ 08098		EPA ID # NJD071828978		SIGNATURE (Authorized employee of packaging waste vessel) <i>Joseph Quinn</i>		DATE 7/14/2016		10. Certification This is to certify that the herein-named materials are acceptable for disposal, 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 and the Commission.	
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11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (including proper shipping name, hazard class, 149.101 function, and any additional information)		12. DOT LABEL "RADIOACTIVE"		13. TRANSPORT MODE		14. PHYSICAL AND CHEMICAL FORM		15. INDIVIDUAL RADIOISOTOPES		16. TOTAL PACKAGE ACTIVITY IN MBq		17. LSA/SCO CLASS		18. TOTAL WEIGHT OR VOLUME m ³		19. DOT NUMBER OF PACKAGE	
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X	UN2810 Radioactive material, excepted package-limited quantity of material, 7 One case with flood source for disposal	N/A	N/A	Solid/Oxide	Co-57	2.84E-01	N/A	0.019	AL-SD-W-16-312
X	UN2815 Radioactive material, Type A package, 7 One drum with sources for disposal	N/A	N/A	Solid/Oxide	Cs-137; Co-57; Ba-133	2.39E+02	N/A	0.019	AL-SS-W-16-313

UN2810 US DOT ERG 183 UN2815 US DOT ERG 183		11-0451		Generator Certification Statement The constituents of the waste manifested herein are known to the generator. There are no EPA RCRA, pathogenic or other hazards present other than those specifically listed on the Form 541	
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(RadioMed of CT)

Paul Steinmeyer
Print name

Paul Steinmeyer
Signature

14 July, 2016
Date

CONSIGNEE ORIGINAL (MUST ACCOMPANY WASTE IN TRANSIT)

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST CONTAINER AND WASTE DESCRIPTION		MANIFEST TOTALS										MANIFEST NUMBER			
		NUMBER OF PACKAGES	NET WASTE VOL (m3)	NET WASTE WT (kg)	SPECIAL NUCLEAR MATERIAL (grams)				ACTIVITY (MBq/mCi)		SOURCE (kg)	PAGE 1 OF 1 PAGE(S)			
		2	0.038	18.5	U-233	U-235	Pu	TOTAL			0.00E+00	4 SHIPPER NAME			
			1.3		NP	NP	NP	NP				Chase Environmental Group			
					ALL NUCLIDES	TRITIUM	C-14	Tc-99	I-129			SHIPPER ID NUMBER			
					2.40E+02 MBq	NP	NP	NP	NP			N/A			
					6.48E+00 mCi										
DISPOSAL CONTAINER DESCRIPTION										WASTE DESCRIPTION FOR EACH WASTE TYPE IN CONTAINER					16 WASTE CLASS
5 CONTAINER IDENTIFICATION NUMBER/GENERATION NUMBER	6 CONTAINER DESCRIPTION (See Note 1)	7 VOLUME (m3)	8 WASTE AND CONTAINER WEIGHT (kg)	9 SURFACE RADIATION LEVEL (uSv/hr)	10 SURFACE CONTAMINATION (MBq/100 cm ²)		11 WASTE DESCRIPTION (See Note 1)		12 Apparent WASTE VOLUME IN CONTAINER (m3)	13 ADSORBENT BOUDDICATION STABILIZATION (See Note 1)	14 CHEMICAL DESCRIPTION	15 RADIOLOGICAL DESCRIPTION			
					ALPHA	BETA						NUCLEONIC RADIONUCLIDES AND ACTIVITY (MBq) AND CONTAINER TOTAL OR CONTAINER TOTAL ACTIVITY AND RADIOACTIVE PERCENT			
AL-SD-W-16-312 1626	19 Lead-lined Case	0.019	10	<5.0	<3.67E-6	<3.67E-5	59 Flood Source	0.019	100	Oxide/NP	NP	Co-57	2.84E-01	7.88E-03	NA
												Package total	2.84E-01	7.88E-03	
AL-SS-W-16-313 1626	4	0.019	8.5	20	<3.67E-6	<3.67E-5	38	0.019	100	Oxide/NP	NP	Ca-137	2.60E+01	7.03E-01	NA
												Co-57	2.04E+02	5.51E+00	
												Ba-133	9.32E+00	2.52E-01	
												Package total	2.39E+02	6.47E+00	

NOTE 1: Container Description Codes. For containers:
 1. Wooden Box or Crate
 2. Metal Box
 3. Plastic Drum or Pail
 4. Metal Drum or Pail
 5. Metal Tank or Other
 6. Concrete Tank or Other
 7. Polyethylene Tank or Other
 8. Fiberglass Tank or Other

NOTE 2: Waste Descriptors Codes. (Choose up to three when appropriate by volume.)
 20 Charred
 21 Incandescent Ash
 22 Soil
 23 Gas
 24 Oil
 25 Aqueous Liquid
 26 Filter Media
 27 Mechanical Filter
 28 EPA - Sludge
 29 Miscellaneous
 28 Demolition Rubble
 29 Cotton for Exchange Media
 30 Activated Exchange Media
 31 Mixed Bed Ion Exchange Media
 32 Contaminated Equipment
 33 Organic Liquid (except Oil)
 34 Glassware or Culture
 35 Sealed Source/Source
 36 Field or Paving
 37 (Reserved for future use)
 38 Composites
 39 Composites Trash
 40 Composites Trash
 41 Animal Carcass
 42 Biological Material (see Note 1)
 43 Corrosive
 44 Antineoplastic
 45 Other (Describe in Item 15 or Additional Page)

NOTE 3: For stabilization made that meet minimum strength and capacity requirements, the numerical code must be followed by "S".
 For all stabilization made, the vendor (manufacturer) and brand name must also be identified in Item 13. Check 100 = NONE REQUIRED

50 Speed Dr
 51 Cellulose
 52 Floor Dry
 53 H-Dri
 54 Safe-T-Sorb
 55 Safe-N-Dri
 56 Flange
 57 Flange A
 58 Sub-A-Sorb
 59 Ground 30
 60 Covered 30
 61 Other (Describe in Item 13, or Additional Page)
 62 Disper HP300
 63 Other (Describe in Item 13, or Additional Page)
 64 Cement
 65 Catching (Impervious)
 66 Bitumen
 67 Vinyl Chloride
 68 Vinyl Ester Styrene
 69 Other (Describe in Item 13, or Additional Page)
 70 None
 71 Resin
 72 Resin
 73 Resin
 74 Resin
 75 Resin
 76 Resin
 77 Resin
 78 Resin
 79 Resin
 80 Resin
 81 Resin
 82 Resin
 83 Resin
 84 Resin
 85 Resin
 86 Resin
 87 Resin
 88 Resin
 89 Resin
 90 Resin
 91 Resin
 92 Resin
 93 Resin
 94 Resin
 95 Resin
 96 Resin
 97 Resin
 98 Resin
 99 Resin
 100 None

NRC FORM 542 (3-1996)		U.S. NUCLEAR REGULATORY COMMISSION		WASTE COLLECTOR/PROCESSOR				2 MANIFEST NUMBER			
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST				NAME Chase Environmental Group, Inc.				SHIPPER USE ONLY			
				IDENTIFICATION NUMBER T-KY003-L16							
MANIFEST INDEX AND REGIONAL COMPACT TABULATION List all original "PROCESSED WASTE" before "COLLECTED WASTE"				SHIPPING DATE 7/14/2018				PAGE 1 OF 1 PAGE(S)			
4 GENERATOR IDENTIFICATION NUMBER	5 GENERATOR NAME PERMIT NUMBER AND TELEPHONE NUMBER	6 GENERATOR FACILITY ADDRESS	7 PREPROCESSED WASTE OR MATERIAL VOLUME (kg)	8 WASTE DESCRIPTION OR MATERIAL IDENTIFICATION NUMBER	9 WASTE CODE	10 STATE	11 AS PROCESSED/COLLECTED TOTAL				
							A SOURCE MATERIAL (kg)	B SNM (g)	C ACTIVITY (MBq)	D VOLUME (m3)	
1626	Cardiomed of Connecticut 203-371-5189	4695 Main St., #19 Bridgeport, CT 06606	0.038	NA	C	CT	0.00E+00	NP	2.40E+02	0.038	
TOTALS OF ALL PAGES (NRC FORMS 542 AND 542A)							0.000	0.000	2.40E+02	0.038	