



***Environmental Protection and Compliance Division
Environmental Compliance Programs (EPC-CP)***

PO Box 1663, K490
Los Alamos, New Mexico 87545
(505) 667-0666

Date: JUN 20 2016
Symbol: EPC-DO-16-155
LA-UR: 16-24129
Locates Action No.: N/A

Ms. Adrienne L. Nash
National Security Missions
Los Alamos Field Office, A316
National Nuclear Security Administration
Los Alamos, NM 87545

Dear Ms. Nash:

Subject: Confirmation of Electronic Submittal of 2015 Toxic Chemical Release Inventory Report to USEPA

Los Alamos National Laboratory (LANL) submitted their 2015 Toxic Chemical Release Inventory Report, Form R, to the EPA using the online reporting tool, TRIMEweb, for lead. The report is required by Emergency Planning and Community Right-to-Know Act, Title III, Section 313. This year the EPA's deadline is July 1st and it was submitted on June 21st.

Should you have questions or comments regarding the information provided in this report, please contact Steve Story at (505) 665-2169.

Sincerely,

A handwritten signature in blue ink, appearing to read 'John P. McCann', is written over a horizontal line.

John P. McCann
Acting Division Leader
Environmental Protection & Compliance Programs (EPC-DO)
Los Alamos National Security LLC

Ms. Adrienne L Nash
EPC-DO-16-155

- 2 -

JPM:SLS:WW/lm

Enclosure: 2015 Toxic Chemical Release Inventory Report for the Emergency Planning and
Community Right-to-Know Act, Title III, Section 313

Cy: Hai Shen, EM-SG, (E-File)
Richard Kacich, DIR, (E-File)
Kirsten Laskey, EM-LA, (E-File)
Craig S. Leasure, PADOPS, (E-File)
William R. Mairson, PADOPS, (E-File)
Michael T. Brandt, ADESH, (E-File)
Raeanna Sharp-Geiger, ADESH, (E-File)
Steve L. Story, EPC-CP, (E-File)
Walter W. Whetham, EPC-CP, (E-File)
Lorraine Bonds Lopez, CPA-CAS, (E-File)
Tim Dolan, LC-ESH, (E-File)
Saundra Martinez, OIO-DO, (E-File)
LASOmailbox@mnsa.doe.gov, (E-File)
locatesteam@lanl.gov, (E-File)
EPC-CP EPCRA 313 Report File
Epc-correspondence@lanl.gov

Form Status: Certified and Sent to USEPA
 Validation Status: Passed w/ Data Quality Alerts

EPA United States Environmental Protection Agency		<h1>FORM R</h1>		TRI Facility ID Number 87545LSLMSLOSAL		
Section 313 of the Emergency Planning and Community Right-to-know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act.				Toxic Chemical, Category, or Generic Name Lead		
WHERE TO SEND COMPLETED FORMS:	1. TRI Data Processing Center P.O. Box 10163 Fairfax, VA 22038 *** File Copy Only: Do Not Submit Paper Form to EPA ***			2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)		
This section only applies if you are revising or withdrawing a previously submitted form, otherwise leave blank:		Revision (Enter up to two code(s)) [][]		Withdrawal (Enter up to two code(s)) [][]		
Important: See Instructions to determine when "Not Applicable (NA)" boxes should be checked.						
Part I. FACILITY IDENTIFICATION INFORMATION						
SECTION 1. REPORTING YEAR : 2015						
SECTION 2. TRADE SECRET INFORMATION						
2.1 Are you claiming the toxic chemical identified on page 2 trade secret? <input type="checkbox"/> Yes (Answer questions 2.2; attach substantiation forms) <input checked="" type="checkbox"/> NO (Do not answer 2.2; go to Section 3)		2.2 Is this copy <input type="checkbox"/> Sanitized <input type="checkbox"/> Unsanitized (Answer only if "Yes" in 2.1)				
SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)						
I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.						
Name and official title of owner/operator or senior management official: File Copy Only: Do Not Submit Paper Form to EPA			Signature: File Copy Only: Do Not Submit Paper Form to EPA		Date Signed: XX/XX/XXXX	
SECTION 4. FACILITY IDENTIFICATION						
4.1			TRI Facility ID Number	87545LSLMSLOSAL		
Facility or Establishment Name LOS ALAMOS NATIONAL SECURITY, LLC, LOS ALAMOS NATIONAL LAB						
Street BIKINI ATOLL RD SM30			Mailing Address (if different from physical street address) PO BOX 1663			
City/County/Tribe/State/ZIP Code LOS ALAMOS / Los Alamos / BIA Code: / NM / 87545			City/State/ZIP Code LOS ALAMOS / NM / 87545		Country (Non-US)	
4.2	This report contains information for : (Important: check a or b; check c or d if applicable)		a. <input checked="" type="checkbox"/> An Entire facility	b. <input type="checkbox"/> Part of a facility	c. <input type="checkbox"/> A Federal facility	d. <input checked="" type="checkbox"/> GOCO
4.3	Technical Contact name	STEVE STORY	Email Address	STORY@LANL.GOV		
4.4	Public Contact name	LORRIE BONDS LOPEZ	Email Address	LORRIEL@LANL.GOV		
4.5	NAICS Code(s) (6 digits)	a. 928110 (Primary)	b.	c.	d.	e. f.
4.6	Dun and Bradstreet Number(s) (9 digits) a. NA b.					
SECTION 5. PARENT COMPANY INFORMATION						
5.1	Name of U.S. Parent Company (for TRI Reporting purposes)	U.S. Department of Energy			No U.S. Parent Company (for TRI Reporting purposes) <input type="checkbox"/>	
5.2	Parent Company's Dun & Bradstreet Number	NA <input checked="" type="checkbox"/>				

**EPA FORM R
PART II. CHEMICAL - SPECIFIC INFORMATION**

TRI Facility ID Number
87545LSLMSLOSAL
Toxic Chemical, Category, or Generic Name
Lead

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you are reporting a mixture component in Section 2 below.)

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.) 7439921
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.) Lead
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "Yes". Generic Name must be structurally descriptive). NA

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1 above.)

2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, spaces, and punctuation.) NA
-----	---

SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY
(Important: Check all that apply.)

3.1	Manufacture the toxic chemical: a. <input type="checkbox"/> Produce b. <input type="checkbox"/> Import If produce or import: c. <input type="checkbox"/> For on-site use/processing d. <input type="checkbox"/> For sale/distribution e. <input type="checkbox"/> As a byproduct f. <input type="checkbox"/> As an impurity	3.2	Process the toxic chemical: a. <input type="checkbox"/> As a reactant b. <input type="checkbox"/> As a formulation component c. <input type="checkbox"/> As an article component d. <input type="checkbox"/> Repackaging e. <input type="checkbox"/> As an impurity	3.3	Otherwise use the toxic chemical: a. <input type="checkbox"/> As a chemical processing aid b. <input type="checkbox"/> As a manufacturing aid c. <input checked="" type="checkbox"/> Ancillary or other use
-----	---	-----	--	-----	--

SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

4.1	[05] (Enter two-digit code from instruction package.)
-----	---

SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ON-SITE

		A. Total Release (pounds/year*) (Enter range code or estimate**)	B. Basis of Estimate (Enter code)	C. Percent from Stormwater
5.1	Fugitive or non-point air emissions	NA []	4.9	C
5.2	Stack or point air emissions	NA []	0.48	E1
5.3	Discharges to receiving streams or water bodies (Enter one name per box)	NA []		
	Stream or Water Body Name	Reach Code (optional)		
5.3.1	Sandia Tributary to Rio Grande		0.212	M2
5.3.2	Mortandad Tributary to Rio Grande		0.006	M2
5.3.3	Los Alamos Tributary to Rio Grande		0.042	M2

*For Dioxin and Dioxin-like Compounds, report in grams/year
**Range Codes: A=1-10 pounds; B=11-499 pounds; C=500-999 pounds.

**EPA FORM R
PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)**

TRI Facility ID Number
87545LSLMSLOSAL
Toxic Chemical, Category, or Generic Name
Lead

SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ON-SITE (Continued)

		NA	A. Total Release (pounds/year*) (Enter range code** or estimate)	B. Basis of Estimate (Enter code)
5.4-5.5	Disposal to land on-site			
5.4.1	Class I Underground Injection wells	[X]		
5.4.2	Class II-V Underground Injection wells	[X]		
5.5.1.A	RCRA subtitle C landfills	[X]		
5.5.1.B	Other landfills	[X]		
5.5.2	Land treatment/application farming	[X]		
5.5.3A	RCRA Subtitle C surface impoundments	[X]		
5.5.3B	Other surface impoundments	[X]		
5.5.4	Other disposal	[]	4123	C

SECTION 6. TRANSFER(S) OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTWs)	NA [X]
--	--------

*For Dioxin and Dioxin-like Compounds, report in grams/yea
 **Range Codes: A=1-10 pounds; B=11-499 pounds; C=500-999 pounds

<p>EPA FORM R PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)</p>	TRI Facility ID Number 87545LSLMSLOSAL Toxic Chemical, Category, or Generic Name Lead
--	--

6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS NA

6.2.1 Off-Site EPA Identification Number (RCRA ID No.)	UTD982598898
Off-Site Location Name:	ENERGYSOLUTIONS CLIVE FACILITY
Off-Site Address:	U.S. INTERSTATE 80, EXIT 49, F

City	GRANTSVILLE	County	Tooele	State	UT	Zip	84029	Country (Non-US)
------	-------------	--------	--------	-------	----	-----	-------	------------------

Is location under control of reporting facility or parent company? [] Yes [X] No

A. Total Transfer (pounds/year*) (Enter range code** or estimate)	B. Basis of Estimate (Enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (Enter code)
1. 1841.8	1. O	1. M65

6.2.2 Off-Site EPA Identification Number (RCRA ID No.)	WAR000010355
Off-Site Location Name:	PERMA-FIX NORTHWEST RICHLAND INC
Off-Site Address:	2025 BATTELLE BOULEVARD

City	RICHLAND	County	Benton	State	WA	Zip	99354	Country (Non-US)
------	----------	--------	--------	-------	----	-----	-------	------------------

Is location under control of reporting facility or parent company? [] Yes [X] No

A. Total Transfer (pounds/year*) (Enter range code** or estimate)	B. Basis of Estimate (Enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (Enter code)
1. 4.1	1. O	1. M64

6.2.3 Off-Site EPA Identification Number (RCRA ID No.)	NV2890009002
Off-Site Location Name:	SANDIA NATIONAL LABORATORIES NTS
Off-Site Address:	NEVADA TEST SITE

City	MERCURY	County	Nye	State	NV	Zip	89023	Country (Non-US)
------	---------	--------	-----	-------	----	-----	-------	------------------

Is location under control of reporting facility or parent company? [] Yes [X] No

A. Total Transfer (pounds/year*) (Enter range code** or estimate)	B. Basis of Estimate (Enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (Enter code)
1. .2	1. O	1. M64

6.2.4 Off-Site EPA Identification Number (RCRA ID No.)	TXD988088464
Off-Site Location Name:	WASTE CONTROL SPECIALISTS LLC
Off-Site Address:	9998 HIGHWAY 176 WEST

City	ANDREWS	County	Andrews	State	TX	Zip	79714	Country (Non-US)
------	---------	--------	---------	-------	----	-----	-------	------------------

Is location under control of reporting facility or parent company? [] Yes [X] No

A. Total Transfer (pounds/year*) (Enter range code** or estimate)	B. Basis of Estimate (Enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (Enter code)
1. 142.2	1. O	1. M64

6.2.5 Off-Site EPA Identification Number (RCRA ID No.)	COD980591184
Off-Site Location Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
Off-Site Address:	9131 EAST 96TH AVENUE

City	HENDERSON	County	Adams	State	CO	Zip	80640	Country (Non-US)
------	-----------	--------	-------	-------	----	-----	-------	------------------

Is location under control of reporting facility or parent company? [] Yes [X] No

A. Total Transfer (pounds/year*) (Enter range code** or estimate)	B. Basis of Estimate (Enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (Enter code)
1 . 104.5	1 . O	1 . M64

6.2.6 Off-Site EPA Identification Number (RCRA ID No.)	NVT330010000
Off-Site Location Name:	US ECOLOGY NEVADA INC.
Off-Site Address:	HIGHWAY 95

City	BEATTY	County	Nye	State	NV	Zip	89003	Country (Non-US)	
------	--------	--------	-----	-------	----	-----	-------	---------------------	--

Is location under control of reporting facility or parent company?	[] Yes [X] No
--	------------------

A. Total Transfer (pounds/year*) (Enter range code** or estimate)	B. Basis of Estimate (Enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (Enter code)
1 . .7	1 . O	1 . M65

6.2.7 Off-Site EPA Identification Number (RCRA ID No.)	TXR000080133
Off-Site Location Name:	UNIVERSAL RECYCLING TECHNOLOGIES
Off-Site Address:	731 EIGHT TWENTY BLVD

City	FORT WORTH	County	Tarrant	State	TX	Zip	76106	Country (Non-US)	
------	------------	--------	---------	-------	----	-----	-------	---------------------	--

Is location under control of reporting facility or parent company?	[] Yes [X] No
--	------------------

A. Total Transfer (pounds/year*) (Enter range code** or estimate)	B. Basis of Estimate (Enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (Enter code)
1 . .033	1 . O	1 . M64

SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

[] Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (Enter code)	b. Waste Treatment Method(s) Sequence (Enter 3- or 4-character code(s))	c. Waste Treatment Efficiency (Enter 2 character code)
7A.1a	7A.1b	7A.1c
S	2 : H101	E6
7A.2a	7A.2b	7A.2c
W	2 : H123 3 : H077 4 : H082 5 : H124 6 : H129 7 : H122	E3

*For Dioxin and Dioxin-like Compounds, report in grams/yea
 **Range Codes: A=1-10 pounds; B=11-499 pounds; C=500-999 pounds

**EPA FORM R
PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)**

TRI Facility ID Number
87545LSLMSLOSAL
Toxic Chemical, Category, or Generic Name
Lead

SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES

NA - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.
Energy Recovery Methods [Enter 3-character code(s)]

SECTION 7C. ON-SITE RECYCLING PROCESSES

NA - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.
Recycling Methods [Enter 3-character code(s)]

SECTION 8. SOURCE REDUCTION AND WASTE MANAGEMENT

		Column A Prior Year (pounds/year*)	Column B Current Reporting Year (pounds/year*)	Column C Following Year (pounds/year*)	Column D Second Following Year (pounds/year*)
8.1 - 8.7 Production-Related Waste Managed					
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	1506.908	4128.64	2000	2000
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	18152	2093.533	10000	10000
8.1d	Total other off-site disposal or other releases	19.7	NA	20	20
8.2	Quantity used for energy recovery on-site	NA	NA	NA	NA
8.3	Quantity used for energy recovery off-site	NA	NA	NA	NA
8.4	Quantity recycled on-site	NA	NA	NA	NA
8.5	Quantity recycled off-site	NA	NA	NA	NA
8.6	Quantity treated on-site	NA	NA	NA	NA
8.7	Quantity treated off-site	NA	NA	NA	NA
8.8	Non-production-related waste managed**	NA			
8.9	[] Production ratio or <input checked="" type="checkbox"/> Activity ratio (select one and enter value to right)	2.03			
8.10	Did your facility engage in any newly implemented source reduction activities for this chemical during the reporting year? If so, complete the following section; if not, check NA.	NA <input checked="" type="checkbox"/>			
	Source Reduction Activities (Enter code(s))	Methods to Identify Activity (Enter code(s))			Estimated annual reduction (Enter code(s)) (optional)
8.10.1	NA				

*For Dioxin and Dioxin-like Compounds, report in grams/yea

** Includes quantities released to the environment or transferred off-site as a result of remedial actions, catastrophic events, or other one-time events not associated with production processes

TRI Facility ID Number
87545LSLMSLOSAL
Toxic Chemical, Category, or Generic Name
Lead

Section 8.11: If you wish to submit additional optional information on source reduction, recycling, or pollution control activities, provide it here.

Topic	Comment
-------	---------

Section 9.1: If you wish to submit any miscellaneous, additional, or optional information regarding your Form R submission, provide it here.

Topic	Comment
-------	---------