



Environmental Protection Division
Risk Reduction Office (ENV-RRO)
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National Nuclear Security Administration
Los Alamos Site Office, MS A316
Los Alamos, NM 87544
(505) 667-7203/FAX: (505) 665-4504

Date: October 26, 2009
Refer To: ENV-RRO-09-074



CERTIFIED MAIL – RETURN RECEIPT REQUESTED

Mr. Steve Zappe
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

Dear Mr. Zappe:

**SUBJECT: NOTICE OF COMPLETION OF OFF-SITE WASTE SHIPMENT
ACTIVITIES (3.1.8 AND 3.1.9) IN THE COMPLIANCE PLAN, SITE
TREATMENT PLAN, FEDERAL FACILITY COMPLIANCE ORDER, LOS
ALAMOS NATIONAL LABORATORY**

This letter is to notify the New Mexico Environment Department (NMED) that Los Alamos National Laboratory completed required mixed low-level waste (MLLW) shipment activities set forth in the Federal Facility Compliance Order (FFCO). These shipments satisfy the requirement under Activities 3.1.8 (B) and 3.1.9 (B) in the Compliance Plan (CP) of the Site Treatment Plan (STP) to *“provide documentation to NMED that waste was received at an off-site facility or provide notification of parallel option.”* In addition, this letter addresses the requirement under Activities 3.1.8 (A) and 3.1.9 (A) to *“complete shipping of existing waste to an off-site treatment facility or complete parallel option.”*

In the submittals of the STP Annual Update for FY08 (original submittal on March 30, 2009 with two subsequent revisions), LANL requested an extension of the milestones for completing shipment of two categories of waste (LA-W917 and LA-W918). At that time, no disposal path for these waste types was available. Recently, however, Perma-Fix/M&EC in Oak Ridge, Tennessee, obtained a license amendment to accept the waste. LANL has taken advantage of the opportunity to ship the remaining inventory of four gas cylinders to Perma-Fix/M&EC. Therefore, LANL is withdrawing its request to extend the milestones (3.1.8 A and 3.1.9 A) for completing off-site shipment of these wastes.



LANL shipped the four containers of STP-covered MLLW to Perma-Fix/M&EC on September 24, 2009. The shipment was received on September 29, 2009. The total volume shipped was 0.0682 m³ (0.0080 m³ of *Compressed Gases Requiring Scrubbing* (LA-W917) and 0.0602 m³ of *Compressed Gases Requiring Oxidation* (LA-W918)). Details of the STP waste shipment are presented in Table 1.

Table 1. Details for MLLW Shipment on September 24, 2009

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Container Number	Volume Shipped (m ³)
3.1.8	LA-W917	<i>Compressed Gases Requiring Scrubbing</i>	000364336JJK	C98100432	0.0020
3.1.8	LA-W917	<i>Compressed Gases Requiring Scrubbing</i>	000364336JJK	C98100433	0.0030
3.1.8	LA-W917	<i>Compressed Gases Requiring Scrubbing</i>	000364336JJK	C98100434	0.0030
3.1.9	LA-W918	<i>Compressed Gases Requiring Oxidation</i>	000364336JJK	C94042517	0.0602
Total Waste Shipped					0.0682

Documentation (Manifest 000364336JJK) that waste was received at the treatment/disposal facility is provided in Enclosure A. Please contact Peggy Powers at (505) 665-5717 or by email at peggy.powers@lanl.gov or George Henckel at (505) 606-0960 or ghenckel@doeal.gov if you have any questions.

In accordance with the requirements of Section XX, "Documents, Information, and Reporting Requirements," of the FFCO, we, as the project managers responsible for overseeing the implementation of the Site Treatment Plan for the Los Alamos National Laboratory and for Los Alamos Site Office/National Nuclear Security Administration, certify that, to the best of our knowledge and belief, the information in this document is true, accurate, and complete.

Sincerely,

Sincerely,



Margaret A. Powers
STP Project Manager
Risk Reduction Office (ENV-RRO)
Los Alamos National Laboratory



George C. Henckel, III
STP Project Manager
Los Alamos Site Office
National Nuclear Security Administration

MP/mcm

Enclosures: a/s

Cy: James Bearzi, NMED/HWB, Santa Fe, NM, w/enc.
John E. Keiling, NMED/HWB, Santa Fe, NM, w/o enc.
Milton L. Bishop, LASO-EO, w/o enc., A316
George C. Henckel III, LASO-EO, w/enc., A316
Michael B. Mallory, PADOPS, w/o enc., A102
J. Chris Cantwell, ADESHQ, w/o enc., K491
James Blankenhorn, WDP-DO, w/o enc., J595
Paul Newberry, WDP-HMWO, w/o enc., J598
Ellen Louderbough, LC-LESH, w/o enc., A187
Dennis Hjeresen, ENV-DO, w/o enc., K404
Patricia Gallagher, ENV-RRO, w/o enc., K404
Peggy Powers, ENV-RRO w/enc., K404
ENV-DO, File, w/o enc., J978
ENV-RRO, File, w/enc., K404
IRM-RMMSO, w/enc., A150

ENCLOSURE A

MANIFEST 000364336JJK

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number NM0890010515	2. Page 1 of 1	3. Emergency Response Phone (505)667-6211	4. Manifest Tracking Number 000364336 JJK
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5. Generator's Name and Mailing Address LANS, LLC for US DOE P.O. Box 1663, MS J598, Tamer Amin Los Alamos, NM 87545 (505) 665-6158	Generator's Site Address (if different than mailing address) LANS, LLC for US DOE Tony Bishop, TA-54, MS-J595 Los Alamos, NM 87545
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6. Transporter 1 Company Name H. P. ENVIRONMENTAL SERVICES, INC.	U.S. EPA ID Number CAT000624247
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7. Transporter 2 Company Name	U.S. EPA ID Number
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8. Designated Facility Name and Site Address MATERIAL & ENERGY CORPORATION 2010 HIGHWAY 58, SUITE 1020 OAK RIDGE, TN 37830 Facility's Phone: (865) 425-1229	U.S. EPA ID Number TNR000005397
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9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	1UN1957, WASTE DEUTERIUM, COMPRESSED, 2.1	1	CYLINDER	11	K	D001		
X	2UN1957, WASTE DEUTERIUM, COMPRESSED, 2.1	1	CYLINDER	1	K	D001		
X	3UN1957, WASTE DEUTERIUM, COMPRESSED, 2.1	2	CYLINDER	1	K	D001		
	4.							

14. Special Handling Instructions and Additional Information

LINE #1 ERG #:115, OSWP #: **LINE #2 ERG #:115, OSWP #:** **LINE #3 ERG #:115, OSWP #:**

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offor's Printed/Typed Name TAMER AMIN	Signature <i>Tamer Amin</i>	Month Day Year 10/07/09
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16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Materials		
Transporter 1 Printed/Typed Name Paul Toland	Signature <i>Paul Toland</i>	Month Day Year 09/24/09
Transporter 2 Printed/Typed Name	Signature	Month Day Year

18. Discrepancy

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

Manifest Reference Number: _____

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

18c. Signature of Alternate Facility (or Generator)	Month Day Year
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19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H111	2. H111	3. H111	4.
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20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a		
Printed/Typed Name Kimberly Holt	Signature <i>Kimberly Holt</i>	Month Day Year 10/29/09

CONTAINER LISTING FOR MANIFEST NO: 69936

PAGELINE CONTAINERS

Page: 1

1	1	C94042517	.0602 M;
1	2	C98100432	2 L;
1	3	C98100433	3 L; C98100434 3 L;