



*Environmental Protection Division  
Environmental Stewardship Group (ENV-ES)  
P.O. Box 1663, Mail Stop J978  
Los Alamos, NM 87545  
(505) 665-8855/FAX: (505) 665-8858*

*National Nuclear Security Administration  
Los Alamos Site Office, MS A316  
Los Alamos, NM 87544  
(505) 667-7203/FAX: (505) 665-4504*

Date: May 20, 2011  
Refer To: ENV-ES-11-101

***CERTIFIED MAIL – RETURN RECEIPT REQUESTED***

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

Dear Mr. Hall:

**SUBJECT: NOTICE OF COMPLETION OF OFF-SITE WASTE SHIPMENT ACTIVITY (3.3.4) IN THE COMPLIANCE PLAN, SITE TREATMENT PLAN, LOS ALAMOS NATIONAL LABORATORY**

This letter notifies the New Mexico Environment Department (NMED) that Los Alamos National Laboratory (LANL) has completed required activities set forth in the Federal Facility Compliance Order (FFCO), Activity 3.3.4 (C) in the Compliance Plan (CP) of the Site Treatment Plan (STP). Activity 3.3.4 (C) requires that “*within 45 days of receipt of waste at treatment facility or within 45 days after completion of parallel option*” the Department of Energy (DOE) and Los Alamos National Security, LLC (LANS), “*provide documentation to NMED that waste was received at off-site facility or provide notification of parallel option.*”

LANL shipped four containers of *10-100nCi/g Waste* on April 14, 2011 to Perma-Fix Northwest in Richland, Washington. The shipment was received on April 18, 2011. Container C11218508 was reclassified as *10-100nCi/g Waste* from STP-covered mixed transuranic waste (MTRU). Shipment details are provided in Table 1. The remaining three containers were reclassified from non-mixed TRU waste and are newly identified as MLLW. The shipment of the latter three containers are reported here as an expedited shipment of new-covered STP waste. Shipment details are provided in Table 2.



**Table 1. STP-Covered MLLW Shipment**

STP/CP Section	MWIR Waste ID	Treatability Group	Manifest Number	Container Number	Volume Removed from MTRU STP (m <sup>3</sup> )	Volume Shipped (m <sup>3</sup> )
3.3.4	LA-W935	10-100nCi/g Waste	000368685JJK	C11218508	12.880 <sup>1</sup>	14.3080
<b>Total STP Volume</b>					<b>12.880</b>	<b>14.3080</b>

<sup>1</sup> The volume of this container in the MTRU STP inventory reported in the FY10 Annual Update was 12.8800 m<sup>3</sup>. Before it was reclassified, this item was re-measured and the volume was determined to be 14.3080 m<sup>3</sup>. Thus, 12.880 m<sup>3</sup> was removed from the MTRU inventory and 14.3080 m<sup>3</sup> was transferred to, and subsequently removed from (upon shipping), the MLLW inventory. An adjustment for this volume change will be made in the FY11 Annual Update.

**Table 2. Expedited MLLW Shipment**

STP/CP Section	MWIR Waste ID	Treatability Group	Manifest Number	Container Number	Volume Removed from MLLW STP (m <sup>3</sup> )	Volume Shipped (m <sup>3</sup> )
3.3.4	LA-W935	10-100nCi/g Waste	000368685JJK	C11218505	2.8498	2.8498
3.3.4	LA-W935	10-100nCi/g Waste	000368685JJK	C11218506	2.4588	2.4588
3.3.4	LA-W935	10-100nCi/g Waste	000368685JJK	C11218507	4.4769	4.4769
<b>Total New-Covered Volume</b>					<b>10.6028</b>	<b>10.6028</b>

Documentation that waste was received at the aforementioned facility (Manifest 000368685JJK) is provided in Enclosure A. Please contact Peggy Powers at (505) 665-5717 or by email at [peggy.powers@lanl.gov](mailto:peggy.powers@lanl.gov) or George Henckel at (505) 606-0960 or [ghenckel@doeal.gov](mailto: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 certify, 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, that, to the best of our knowledge and belief, the information in this document is true, accurate, and complete.

Sincerely,



Margaret A. Powers  
STP Project Manager  
Environmental Stewardship Group (ENV-ES)  
Los Alamos National Laboratory

Sincerely,



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

MP/rg

Enclosures: a/s

Cy: John E. Keiling, NMED/HWB, Santa Fe, NM, w/enc.  
Milton L. Bishop, LASO-EO, w/enc., A316  
George C. Henckel III, LASO-EO, w/enc., A316  
Carl Beard, PADOPS, w/o enc., A102  
J. Chris Cantwell, ADESHQ, w/o enc., K491  
Kathryn Johns-Hughes, WDP-DO, w/o enc., J595  
Paul Newberry, WDP-HMWO, w/o enc., J598  
Susan McMichael, LC-LESH, w/o enc., A187  
Dennis Hjeresen, ENV-DO, w/o enc., K404  
Peggy Powers, ENV-DO, w/enc., K404  
ENV-DO, File, w/o enc., J978  
ENV-ES, File, w/enc., J978  
IRM-RMMSO, w/enc., A150

Mr. Timothy Hall  
ENV-ES-11-101

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May 20, 2011

ENCLOSURE A

Manifest 000368685JJK

Please print or type. (Form designed for use on 8 1/2 x 11 (12-pitch) typewriter.)

85928 Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>NM0890010515</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(505)667-6211</b>	4. Manifest Tracking Number <b>000368685 JJK</b>							
5. Generator's Name and Mailing Address <b>LANS, LLC FOR US DOE P.O. Box 1663, MS J598, Tamer Amin Los Alamos, NM 87545 (505) 665-6528</b>				Generator's Site Address (if different than mailing address) <b>LANS, LLC FOR US DOE CHARLIE LUCERO, TA-54, MS: J595 LOS ALAMOS, NM 87545</b>								
6. Transporter 1 Company Name <b>M. P. ENVIRONMENTAL SERVICES, INC.</b>					U.S. EPA ID Number <b>CAT000624247</b>							
7. Transporter 2 Company Name					U.S. EPA ID Number							
8. Designated Facility Name and Site Address <b>PERMA-FIX NORTHWEST, INC. 2025 BATTELLE BLVD RICHLAND, WA 99354 Facility's Phone: (509) 375-5160</b>					U.S. EPA ID Number <b>WAR00010355</b>							
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			F001	F002	F005				
X	1UN2913, WASTE RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-II) FISSILE-EXCEPTED, 7, SOLID OXIDE, AN241, CN243, CS137, PU238, PU239, PU240, PU241, PU242, SR90, U234, U235, 9.09E-04 Tbg	1	BOX - CN	2,265	K	F001	F002	F005				
X	2UN2913, WASTE RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-II) FISSILE-EXCEPTED, 7, SOLID OXIDE, AN241, CS137, PU238, PU239, PU240, PU241, PU242, SR90, U234, U235, 2.77E-04 Tbg	1	BOX - CN	623	K	F001	F002	F005				
X	3RU, UN2913, WASTE RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-II) FISSILE-EXCEPTED, 7, SOLID OXIDE, AN241, CS137, NP237, PU238, PU239, PU240, PU241, PU242, SR90, U234	1	BOX - CN	913	K	F001	F002	F005				
X	4RU, UN2913, WASTE RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-II) FISSILE-EXCEPTED, 7, SOLID OXIDE, AN241, CS137, PU238, PU239, PU240, PU241, PU242, SR90, U234, U235,	1	BOX - CN	822	K	F001	F002	F005				
14. Special Handling Instructions and Additional Information  <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">LINE #1 ERG #:162, HAZARDOUS CLASS:</td> <td style="width: 25%;">LINE #2 ERG #:162, HAZARDOUS CLASS:</td> <td style="width: 25%;">LINE #3 ERG #:162, OSHP #::</td> <td style="width: 25%;">LINE #4 ERG #:162, HAZARDOUS CLASS:</td> </tr> </table>									LINE #1 ERG #:162, HAZARDOUS CLASS:	LINE #2 ERG #:162, HAZARDOUS CLASS:	LINE #3 ERG #:162, OSHP #::	LINE #4 ERG #:162, HAZARDOUS CLASS:
LINE #1 ERG #:162, HAZARDOUS CLASS:	LINE #2 ERG #:162, HAZARDOUS CLASS:	LINE #3 ERG #:162, OSHP #::	LINE #4 ERG #:162, HAZARDOUS CLASS:									
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 characterization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Offeror's Printed/Typed Name <i>Timothy Amin</i>					Signature <i>[Signature]</i>		Month Day Year <b>10/19/11</b>					
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____												
17. Transporter Acknowledgment of Receipt of Materials												
Transporter 1 Printed/Typed Name <i>Mark A. McNeill</i>					Signature <i>[Signature]</i>		Month Day Year <b>04/19/11</b>					
Transporter 2 Printed/Typed Name					Signature		Month Day Year					
18. Discrepancy												
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection												
Manifest Reference Number:												
18b. Alternate Facility (or Generator)					U.S. EPA ID Number							
Facility's Phone:												
18c. Signature of Alternate Facility (or Generator)							Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
1. <b>H112</b>		2. <b>H112</b>		3. <b>H112</b>		4. <b>H112</b>						
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 <b>DAKIN R. UTLEY</b>					Signature <i>[Signature]</i>		Month Day Year <b>4/18/11</b>					

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

**DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)**

## CONTAINER LISTING FOR MANIFEST NO: 85928

**PAGELINE CONTAINERS**

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Page: 1

1	1	C11218508	14.308 M
1	2	C11218505	2.8498 M
1	3	C11218507	4.4769 M
1	4	C11218506	2.4588 M