

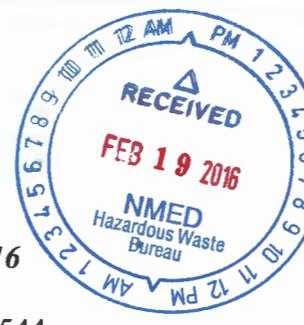
Receipt



Environment Safety & Health  
PO Box 1663, MS K491  
Los Alamos, New Mexico 87545  
(505) 667-4218/Fax (505) 665-3811



Los Alamos Field Office, A316  
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(505) 667-5105



Date: **FEB 18 2016**  
Symbol: ADESH-16-025  
LA-UR: 16-20956  
Locates Action No.: N/A

Mr. John E. Kieling, Chief  
Hazardous Waste Bureau  
New Mexico Environment Department  
2905 Rodeo Park Drive East, Building 1  
Santa Fe, NM 87505-6303

Dear Mr. Kieling:

**Subject: Settlement Agreement and Stipulated Final Order HWB-14-20, Monthly Progress Report, January 22, 2016 - February 22, 2016**

This Monthly Report is submitted as required by Paragraph 35 of the Settlement Agreement and Stipulated Final Order HWB-14-20 (SFO) entered into by the New Mexico Environment Department (NMED) (Complainant) and the U.S. Department of Energy (DOE) and Los Alamos National Security, LLC (LANS) (Respondents) on January 22, 2016. Paragraph 35 of the SFO requires the Respondents to keep NMED apprised of progress made on the corrective actions specified in SFO Attachment A on a monthly basis. The enclosed Summary Table reports the current status of the referenced corrective actions.

The Respondents would be pleased to meet with NMED-HWB personnel to discuss and explain the documentation included herein. If you have comments or questions regarding this submittal, please contact Mark P. Haagenstad (LANS) at (505) 665-2014 or David Nickless (EM-LA) at (505) 665-6448.

Sincerely,

Michael T. Brandt, DrPH, CIH  
Associate Director  
Environment, Safety & Health  
Los Alamos National Security, LLC

Sincerely,

Kimberly Davis Lebak  
Manager  
Los Alamos Field Office  
U.S. Department of Energy

MTB:KDL:MPH/lm



Attachments: (1) Summary Table, LANL Settlement Agreement and Stipulated Final Order Report for  
February 22, 2016

Cy: Ryan Flynn, NMED, Santa Fe, NM, (E-File)  
Kathryn M. Roberts, NMED, Santa Fe, NM, (E-File)  
Siona Briley, NMED/HWB, Santa Fe, NM, (E-File)  
Neelam Dhawan, NMED/HWB, Santa Fe, NM, (E-File)  
Jody Pugh, NA-LA (E-File)  
Douglas E. Hintze, EM-LA, (E-File)  
Peter Maggiore, NA-LA, (E-File)  
Lisa Cummings, NA-LA, (E-File)  
Ben Underwood, EM-LA, (E-File)  
David Nickless, EM-LA, (E-File)  
Jordan Arnsward, NA-LA, (E-File)  
Kirsten M. Laskey, EM-LA, (E-File)  
Craig Leasure, PADOPS, (E-File)  
William Mairson, PADOPS, (E-File)  
Randall M. Erickson, ADEP, (E-File)  
David Funk, ADEP, (E-File)  
Enrique Torres, ADEP, (E-File)  
Cheryl D. Cabbil, ADNHHO, (E-File)  
Michael T. Brandt, ADESH, (E-File)  
Raeanna R. Sharp-Geiger, ADESH, (E-File)  
John McCann, EPC-DO, (E-File)  
Andrew Montoya, WM-DO, (E-File)  
Jackie Hurtle, WM-DO, (E-File)  
Mark P. Haagenstad, EPC-CP, (E-File)  
Deborah Woitte, LC-LESH, (E-File)  
Susan McMichael, LC-LESH, (E-File)  
Deborah L. Guffee, SI-DC, (E-File)  
Yvette S. Branch, SI-DC, (E-File)  
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### CERTIFICATION

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



Michael T. Brandt, DrRH, CIH  
Associate Director  
Environment, Safety, and Health  
Los Alamos National Security, LLC  
Los Alamos National Laboratory  
Operator

2/18/16

Date Signed



Kimberly Davis Lebak  
Manager  
Los Alamos Field Office  
U.S. Department of Energy  
Owner/Operator

2/19/16

Date Signed

Document: Monthly Progress Report, SFO HWB-14-20

Attachment 1

Date: February 2016

**ATTACHMENT 1**

Summary Table,  
LANL Settlement Agreement and Stipulated Final Order Report for February 22, 2016

ADESH-16-025

LA-UR-16-20956

**FEB 18 2016**

Date: \_\_\_\_\_

LANL Settlement Agreement and Stipulated Final Order Report for February 22, 2016	
<b>Noteworthy Items and Issues:</b>	
<ul style="list-style-type: none"> <li>• ACO #5 Response delivered to NMED on February 3, 2016.</li> <li>• All ordered action deliverables are on track in accordance with the Stipulated Final Order Attachment A.</li> </ul>	

ACO	Submittal to NMED (Date)	Target Completion Date	Status/Comments
ACO 1: No later than 60 days after this Order becomes final, Respondents shall submit to NMED a written report describing any and all actions Respondents have taken to prevent any recurrence of violations described herein. The written report shall include changes to procedures that Respondents have implemented already.	22-Mar-16	22-Mar-16	<ul style="list-style-type: none"> <li>* Draft ACO #1 deliverable is in progress. The deliverable submittal is on target.</li> <li>* Compilation of Objective Evidence (OE) (i.e., "Documentation to Provide as Evidence of Completion" in SFO Attachment A) is in progress.</li> </ul>
ACO 1 On-going Response Actions		TBD	Ongoing response actions: <ul style="list-style-type: none"> <li>• Waste Generation Overview training course #23263 development targeted for completion TBD. Status: In progress.</li> <li>• RCRA Personnel training course #7488 development targeted for completion TBD. Status: In progress.</li> <li>• RCRA Refresher training course #28582 development targeted for completion TBD. Status: In progress.</li> <li>• Waste Generation Overview Annual refresher training course #21464 development targeted for completion TBD. Status: In progress.</li> </ul>
ACO 1 On-going Response Actions		TBD	<ul style="list-style-type: none"> <li>• Exhibit F1 – Industrial Health Hazards and Controls. Status: In progress.</li> <li>• Exhibit F2 - Environmental Compliance and Waste Management requirements. Status: In progress.</li> <li>• P850 – Subcontractor Technical Representative Procedure, training and subcontractor oversight. Status: In progress.</li> </ul>

ACO	Submittal to NMED (Date)	Target Completion Date	Status/Comments
ACO 1 On-going Response Actions		TBD	Ongoing procedure reviews. Status: In progress.
ACO 2/3: No later than 60 days after this Order becomes final, Respondents shall submit to NMED for review and comment: A. Reports on the scientific studies Respondents have conducted regarding LANL nitrate salt waste streams since February 14, 2014. B. The nitrate salt waste treatment options assessment report. C. A Plan to determine treatment methods for the nitrate salt waste streams. The Plan shall include a proposed schedule for submission of the following (i.-iv.)	22-Mar-16	22-Mar-16	* Draft ACO #2/3 deliverable is in progress. The deliverable submittal is on target. * OE (Attachment A) compilation is in progress, in accordance with Attachment A.
ACO 2/3 On-going Response Actions		TBD	• Final Report on Surrogate Waste Tests (Final Title TBD). Status: In progress.
ACO 2/3 On-going Response Actions		TBD	• Permit modification request. Status: In progress.
ACO 4: Immediately upon this Order becoming final, Respondents shall begin review of every mixed TRU waste stream which is currently managed or generated at LANL to verify that the characterization of the waste streams is accurate, sufficient, and updated. Respondents shall complete and document their review in the Facility Operating Record within 60 days after this Order becomes final.	22-Mar-16	22-Mar-16	* Draft ACO #4 deliverable is in progress. The deliverable submittal is on target. * OE (Attachment A) compilation is in progress, in accordance with Attachment A.
ACO 5: No later than 15 days after this Order becomes final, Respondents shall submit to NMED for review the methodology by which Respondents	3-Feb-16	6-Feb-16	* <b>COMPLETED.</b> ACO #5 Response delivered to NMED on February 03, 2016 - ahead of schedule.

Date: February 2016

ACO	Submittal to NMED (Date)	Target Completion Date	Status/Comments
conduct their annual re-evaluation of all hazardous streams.			
ACO 6: No later than 60 days after this Order becomes final, Respondents shall submit to NMED any documentation Respondents have entered in to the Facility Operating Record for the most recent, annual reevaluation of all hazardous waste streams at LANL.	22-Mar-16	22-Mar-16	<ul style="list-style-type: none"> <li>* Draft ACO #6 deliverable is in progress. The deliverable submittal is on target.</li> <li>* OE (Attachment A) compilations in progress, in accordance with Attachment A.</li> </ul>
ACO 7: No later than 60 days after this Order becomes final, Respondents shall develop and submit to NMED procedures to implement an AK communication system within and between appropriate LANL organizations, including subcontractors, to ensure that AK documentation is accurate, sufficient, and updated.	22-Mar-16	22-Mar-16	<ul style="list-style-type: none"> <li>* Draft ACO #7 deliverable is in progress. The deliverable submittal is on target.</li> <li>* OE (Attachment A) compilation is in progress, in accordance with Attachment A.</li> </ul>
ACO 8: No later than 60 days after this Order becomes final, Respondents shall revise and submit to NMED the CCP/LANL interface agreement to ensure appropriate organizations and subject matter experts communicate effectively and timely regarding changes in waste management procedures, waste generation, waste treatment, waste repackaging and remediation, waste stream delineation, and waste characterization procedures to ensure that AK documentation is accurate, sufficient, and updated.	22-Mar-16	22-Mar-16	<ul style="list-style-type: none"> <li>• Draft ACO #8 deliverable is in progress. The deliverable submittal is on target.</li> <li>• Awaiting final signed copy of the CCP-LANL IA to complete compilation of OE (Attachment A).</li> </ul>
ACO 8 On-going Response Actions		TBD	<ul style="list-style-type: none"> <li>• Ongoing participation in CCP <i>Interface Document</i> development.</li> <li>• Status: In progress.</li> </ul>

LA-UR-16-20956

Date: February 2016

ACO	Submittal to NMED (Date)	Target Completion Date	Status/Comments
<p>ACO 9: No later than 60 days after this Order becomes final, Respondents shall revise and submit to NMED procedures and/or policies that ensure the proper LANL organizations and subject matter experts review and then approve or reject proposed waste management procedural changes.</p>	<p>22-Mar-16</p>	<p>22-Mar-16</p>	<ul style="list-style-type: none"> <li>• Draft ACO #9 deliverable is in progress. The deliverable submittal is on target.</li> <li>• OE (Attachment A) compilation is in progress, in accordance with Attachment A.</li> </ul>