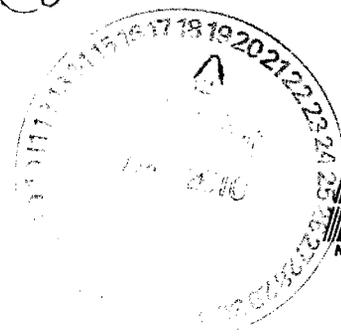


FFCO

ENTERED



Environmental Protection Division  
Risk Reduction Office (ENV-RRO)  
P.O. Box 1663, Mail Stop K404  
Los Alamos, NM 87545  
(505) 667-4348/FAX: (505) 667-0731

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

Date: April 8, 2010  
Refer To: ENV-RRO-10-017

**VIA 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: SUMMARY OF CORRESPONDENCE WITH OFFSITE TREATMENT,  
STORAGE, AND DISPOSAL FACILITIES, SITE TREATMENT PLAN,  
FEDERAL FACILITY COMPLIANCE ORDER, LOS ALAMOS NATIONAL  
LABORATORY**

In accordance with the letter (ENV-RRO-10-015) that transmitted the FY09 Annual Report for the Site Treatment Plan (STP), this letter provides a summary of correspondence (Enclosure A) that Los Alamos National Laboratory (LANL) had with commercial facilities regarding treatment, storage, and disposal of *High Activity Wastes* (LA-W934). LANL has requested an extension of the compliance date for offsite shipment of this category of waste due to the unavailability of a treatment, storage, and disposal facility (TSDF) and the need to develop additional characterization of some of the waste. LANL has shipped nearly 30 m3 of other *High Activity Waste* to Perma-Fix Northwest and to Perma-Fix/M&EC in FY10.

In FY09 LANL requested bids from commercial facilities for treatment, storage, and disposal of various remaining mixed low-level waste items remaining in the inventory. EnergySolutions in Clive, UT was able to accept some mercury-containing waste (LA-W925) and that waste was shipped to them in FY09. Perma-Fix was the only respondent that was able to accept *High Activity Waste*. Subsequent to the request for bids, LANL determined that the characterization documentation for some of the *High Activity Waste* containing tritium had discrepancies and that further characterization was required before a



TSDF could be identified. Consequently, FY10 correspondence was limited to discussions with Perma-Fix about acceptance of certain items of tritium-containing waste and Portsmouth debris.

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  
Risk Reduction Office (ENV-RRO)  
Los Alamos National Laboratory

Sincerely,



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/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., J910  
Paul Newberry, WDP-HMWO, w/o enc., J910  
Mark Shepard, WDP-SPPC, w/o enc., J910  
Ellen Louderbough, LC-LESH, w/o enc., A187  
Dennis Hjeresen, 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

Correspondence with Commercial Treatment, Storage, and Disposal Facilities

FY10 Correspondence with Commercial Treatment, Storage, and Disposal Facilities

Dates	Correspondence	Waste Type	Correspondence Results
1/12/10	Series of emails and phone calls discussing the radioactivity of the waste proposed to be treated by Perma-Fix	Portsmouth debris	Perma-Fix stated that none of their facilities had the current capacity to receive the specified amount of radioactivity under their current licenses.
2/18/10	Meeting with Perma-Fix representatives	Portsmouth debris	Perma-Fix stated that, given their current commitments, they would have to make changes to their authorization basis to accept this waste that would require a minimum of 12-18 months; changes to the authorization basis were required because of other current commitments at the facility
3/4/10 to 3/15/10	Series of emails and phone calls with Perma-Fix discussing the uncertainty of the radioactive content of the tritium-containing waste	Tritium-containing waste	Perma-Fix representatives stated that they expected the waste to be properly characterized before shipment to meet their waste acceptance criteria.