

**John Young**

**From:** Chris Vick [chris\_vick@nmenv.state.nm.us]  
**Sent:** Monday, April 04, 2005 7:48 AM  
**To:** John Young  
**Subject:** FW: DP-1132 Request for Information

LANL  
TA-54  
Discharge Plan  
Sludge Disposal

John- This is the response I got back from Bob Beers and LANL re: TA-54 disposal. FYI- we are going to issue the groundwater DP either this week or next. I will cc you on the letter.

Thanks, Chris

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**From:** Robert Beers [mailto:bbeers@lanl.gov]  
**Sent:** Friday, April 01, 2005 2:08 PM  
**To:** chris\_vick@nmenv.state.nm.us  
**Cc:** stevenrae@lanl.gov; saladen\_michael\_t@lanl.gov; vpw@lanl.gov; H. L. Wheeler-Benson; Gian A. Bacigalupa; wdross@lanl.gov; rlmj@lanl.gov; wardwell@lanl.gov; etl@lanl.gov  
**Subject:** DP-1132 Request for Information

Dear Chris--

The information presented below is in response to our telephone conversation (3/28/05) and your e-mail request (below) for additional information regarding the treatment and disposal of evaporator bottoms from the TA-50 RLWTF. This information is being submitted by LANL in support of the Ground Water Discharge Plan Application (DP-1132) for the TA-50 RLWTF.

**Overview--Treatment and Disposal of the TA-50 RLWTF Evaporator Bottoms**

- The evaporator bottoms leave LANL and return to LANL as a low-level waste.
- A representative sample of the evaporator bottoms is analyzed by the RLWTF before shipment off-site to characterize the material and to ensure that it meets the off-site facility's waste acceptance criteria (WAC).
- The evaporator bottoms are trucked from LANL to a licensed, off-site contractor in tanker trucks.
- The evaporator bottoms are approximately 10% solids.
- At the contractor's facility, LANL waste is stored in dedicated tanks prior to treatment (ie, no commingling with other's waste).
- At the contractor's facility, the bottoms are placed into drums and baked in a gas-fired oven to evaporate the water.
- The contractor analyzes a representative sample of the dried evaporator bottoms to confirm that the waste is not a RCRA-regulated hazardous or mixed waste.
- The dried evaporator bottoms are received at LANL as a solid, with no free liquid, and are disposed of at TA-54 Area G as a low-level waste.
- The disposal of low-level waste at TA-54 Area G is authorized and regulated by DOE Orders.

Please let me know if you have any questions regarding this information.

Bob

X-Sieve: CMU Sieve 2.2  
From: "Chris Vick" <chris\_vick@nmenv.state.nm.us>  
To: "Bob Beers" <bbeers@lanl.gov>  
Subject: TA-54



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Date: Tue, 29 Mar 2005 11:03:00 -0700  
X-Mailer: Microsoft Outlook IMO, Build 9.0.2416 (9.0.2910.0)  
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X-PMX-Version: 4.7.1.128075

Bob,

Could you give me information on how TA-54 is regulated? I am most interested in how the evaporator bottoms are regulated once they come back for final disposal at TA-54. Also, please give me all of the information on how the evaporator bottoms are handled and regulated from the time they leave TA-50 to the time they are disposed of at TA-54.

Thanks,

Chris

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