



Department of Energy
Carlsbad Field Office
P. O. Box 3090
Carlsbad, New Mexico 88221

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OCT 23 2017

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Mr. John E. Kieling, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87508-6303

NMED
Hazardous Waste Bureau

Subject: Submittal of the 2017 Contact-Handled Bay Surge Storage Summary Report

Dear Mr. Kieling,

The purpose of this letter is to provide you with the *2017 Contact-Handled (CH) Bay Surge Storage Summary Report* pursuant to Permit Part 3, Section 3.1.1.4., *Notification of CH Bay Surge Storage Use*. The Permittees originally notified the New Mexico Environment Department of the use of surge storage on March 14, 2014.

We certify under penalty of law that this document and all attachments were prepared under our direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on our 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 our knowledge and belief, true, accurate, and complete. We are aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions, please contact Mr. George T. Basabilvazo at (575) 234-7488.

Sincerely,

Todd Shrader, Manager
Carlsbad Field Office

Bruce C. Covert, Project Manager
Nuclear Waste Partnership LLC

Enclosure

cc: w/enclosure
R. Maestas, NMED * ED
D. Biswell, NMED ED
CBFO M&RC
*ED denotes electronic distribution



2017 Contact-Handled (CH) Bay Surge Storage Summary Report

Background

Pursuant to the Waste Isolation Pilot Plant (WIPP) Hazardous Waste Facility Permit (Permit) Part 3, Section 3.1.1.4., *Notification of CH Bay Surge Storage Use*, the Permittees are required to submit an annual report to the Secretary by October 27th of each year summarizing the CH Bay Surge Storage Area usage. The purpose of this report is to provide the annual report for the period of July 1, 2016, through June 30, 2017. The Permittees used the Contact-Handled (CH) Bay Surge Storage Area during this period to manage and store CH transuranic (TRU) mixed waste that could not be emplaced as a result of the fire and radiological events that occurred in February 2014. Please note that surge storage reports are only submitted when surge storage has been used during the year.

CH Bay Surge Storage Summary

The NMED was notified of the Permittees' intent to use surge storage pursuant to Permit Part 3, Section 3.1.1.4., on March 14, 2014. An illustration of CH Bay Surge Storage Area is found in Figure 1 of this report.

The CH TRU mixed waste was moved from the Parking Area Unit to the CH Bay Surge Storage Area beginning on March 26, 2014. A total of 1,285 cubic feet (ft³) of waste was placed into the CH Bay Surge Storage Area in 2014.

On June 3, 2016, the Permittees reconfigured waste in the Waste Handling Building. There were no new waste containers brought into the CH Bay. Waste containers WISD006, WISD007, and WISD012 were moved into the surge storage area for a total of 1,306 ft³ in the CH Bay Surge Storage Area. These waste containers contain waste generated from previous filter change-outs. See Table 1 for a summary of CH Bay surge storage. On March 20, 2017, the Permittees transmitted a letter to NMED informing the agency that the Permittees had removed the TRU mixed waste from the CH Bay Surge Storage Area and that the WIPP facility had returned to normal waste storage configuration in the CH Bay.

Table 1. Summary of CH Bay Surge Storage

Surge Storage Date	Shipment	Assembly	Contents	Volume ¹ (ft³)	Comments
3/26/14	IN140045	IN139923	TDOP	160	Moved to NE storage area on 1/19/17
3/26/14	IN140044	IN139670	TDOP	160	Moved to NE storage area on 1/19/17
3/26/14	SR314013	SR139789	SLB2	261	Moved to SW storage area on 2/10/17
3/27/14	LA140020	LA139965	SWB	66.3	Moved to SW storage area on 2/2/17
3/27/14	LA140020	LA139966	SWB	66.3	Moved to SW storage area on 2/2/17
3/27/14	IN140043	IN140096	SWB	66.3	Moved to SW storage area on 2/10/17
3/27/14	IN140043	IN140097	SWB	66.3	Moved to SW storage area on 2/10/17
3/27/14	SR314014	SR139793	SLB2	261	Moved to NE storage area on 1/19/17
6/13/16	N/A	WISD006A	SWB	66.3	Moved to SW storage area on 2/10/17
6/13/16	N/A	WISD007A	SWB	66.3	Moved to SW storage area on 2/10/17
6/13/16	N/A	WISD012A	SWB	66.3	Moved to SW storage area on 2/10/17
Total				1306.1	

¹ 55Gal Drum = 7.4 ft³, SWB = 66.3ft³, TDOP = 160 ft³ SLB2 = 261 ft³ (Permit Part3, section 3.3.1) N/A = Not Applicable