



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

JUL 28 2011

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

Subject: Notification of Exceedance of a Disposal Room Volatile Organic Compound  
Monitoring Action Level for Carbon Tetrachloride

Dear Mr. Kieling:

The purpose of this letter is to notify you of the receipt of validated analytical results for a volatile organic compound (VOC), carbon tetrachloride, which exceeded the 50 percent action level listed in Part 4, Table 4.6.3.2 of the Waste Isolation Pilot Plant Hazardous Waste Facility Permit (Permit).

The carbon tetrachloride values for the disposal room samples obtained from Panel 5, closed Room 7 locations 7e and 7i collected on June 28, 2011, and closed Room 6 locations 6e and 6i collected on June 29, 2011, exceeded the 50 percent action level of 4,813 parts per million by volume (ppmv) in Permit Part 4, Table 4.6.3.2. The data were validated on July 26, 2011, in accordance with Permit Attachment N, Section N-5d. On July 7, 2011, the last waste was placed in Panel 5, the last VOC samples were taken, and on July 8, 2011, sampling was terminated in Panel 5 in accordance with Permit Attachment N, Section N-3a(2).

Exceedance Details (all are in Panel 5):

- Room 7 Location 7e 5,969 ppmv Collected on June 28, 2011
- Room 7 Location 7i 5,826 ppmv Collected on June 28, 2011
- Room 6 Location 6e 5,370 ppmv Collected on June 29, 2011
- Room 6 Location 6i 5,582 ppmv Collected on June 29, 2011

We certify under penalty of law that this document and all enclosures 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 fines and imprisonment for knowing violations.

Mr. John Kieling

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If you have any questions regarding this notification, please contact Ms. Susan E. McCauslin at (575) 234-7349.

Sincerely,

Original Signatures on File

Edward Ziemianski, Acting Manager  
Carlsbad Field Office

M. F. Sharif, General Manager  
Washington TRU Solutions LLC

cc:

B. Tongate, NMED \*ED

R. Maestas, NMED ED

CBFO M&RC

\*ED denotes electronic distribution