



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

**JUL 07 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, 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 12 disposal room samples obtained from Panel 5, closed Room 7 locations 7e and 7i, and closed Room 6 locations 6e and 6i between May 24, 2011, and June 7, 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 5, 2011, in accordance with Permit Attachment N, Section N-5d. Sampling frequency at these locations will continue at once per week.

Exceedance Details (all are in Panel 5):

- Room 7 Location 7e 6,273 ppmv collected on May 24, 2011
- Room 7 Location 7i 6,947 ppmv collected on May 24, 2011
- Room 6 Location 6e 6,176 ppmv collected on May 25, 2011
- Room 6 Location 6i 6,353 ppmv collected on May 25, 2011
- Room 7 Location 7e 5,495 ppmv collected on June 1, 2011
- Room 7 Location 7i 5,110 ppmv collected on June 1, 2011
- Room 6 Location 6e 5,271 ppmv collected on June 2, 2011
- Room 6 Location 6i 5,202 ppmv collected on June 2, 2011
- Room 7 Location 7e 6,448 ppmv collected on June 6, 2011
- Room 7 Location 7i 8,935 ppmv collected on June 6, 2011
- Room 6 Location 6e 5,444 ppmv collected on June 7, 2011
- Room 6 Location 6i 5,543 ppmv collected on June 7, 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*

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*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.*

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. ~~E~~/Sharif, General Manager  
Washington TRU Solutions LLC

cc:

J. Davis, NMED                      \* ED  
R. Maestas, NMED                    ED  
CBFO M&RC

\*ED denotes electronic distribution