



**Department of Energy**

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

October 12, 2010

Mr. James Bearzi, Chief  
Hazardous Waste Bureau  
New Mexico Environment Department  
2905 Rodeo Park Drive East, Building 1  
Santa Fe, New Mexico 87505-6303

Subject: Notification of Results of Evaluation of Sampling Line Loss, Waste Isolation Pilot Plant Hazardous Waste Facility Permit Number NM4890139088 – TSDF

Dear Mr. Bearzi:

As required under Permit Condition IV.F.5.e, the Permittees are hereby notifying the New Mexico Environment Department (NMED) of the results of the evaluation of the loss of two hydrogen and methane monitoring sampling lines.

The sampling lines involved were in Panel 3 Rooms 7 and 6. These lines are identified as 7E (exhaust side) and 6I (inlet side). These line losses were previously reported to the NMED on September 2, 2010 and September 28, 2010, respectively.

The evaluation was performed per the specifications in Permit Attachment N1, Section N1-5b. The evaluation indicates that the lines can be grouped with adjacent lines for methane. The evaluation further indicates that line 6I can be grouped with line 5I for hydrogen; however, line 7E cannot be grouped with another line for hydrogen. With regard to line 7E, the previous concentration measurement for hydrogen was well below Action Level 1. These results indicate that no further action is necessary and, per Section N1-5b, monitoring in Panel 3 will continue.

The results of the evaluation indicate that there is no impact on the hydrogen and methane monitoring program as a result of the loss of these two sampling lines. The complete evaluation is attached.

We certify under penalty of law that this document was prepared under our direction or supervision in accordance with 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.

Mr. James Bearzi

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October 12, 2010

Please feel free to contact George T. Basabilvazo at (575) 234-7488 if you have any questions regarding this notification.

Sincerely,

Original signatures on file

Edward J. Ziemianski, Acting Manager  
Carlsbad Field Office

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

Enclosure

cc: w/enclosure

S. Zappe, NMED

\*ED

C. Walker, Trinity Engineering

ED

CBFO M&RC

cc: w/o enclosure

J. Kieling, NMED

ED

\*ED denotes electronic distribution