



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

Mr. John E. Kieling, Chief
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 E. Rodeo Park Dr. Bldg. 1
 Santa Fe, New Mexico 87505-6303

Subject: Notification of Toluene Detected in WIPP Detection Monitoring Well WQSP-5,
 Permit Number NM4890139088-TSDF

Dear Mr. Kieling:

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the intent to demonstrate that the toluene detected above background in Detection Monitoring Well (DMW) WQSP-5 was due to outside contamination. This DMW was sampled on May 21, 2013, as part of the annual Detection Monitoring Program. Statistical analysis was completed on June 26, 2013. The concentration of toluene detected in the primary sample was 141 micrograms per liter ($\mu\text{g/L}$) and 82.1 $\mu\text{g/L}$ in the duplicate sample. It is believed the source of toluene is outside contamination not associated with the regulated unit. Permit Condition 5, Section 5.10.4.1 requires notification to the NMED of the intent to demonstrate outside contamination within seven calendar days of determining statistically significant evidence of contamination. A report of the contamination source will be submitted within 90 calendar days of NMED's receipt of this notification.

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 fines and imprisonment for knowing violations.

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

Sincerely,


 Jose R. Franco, Manager
 Carlsbad Field Office


 M. F. Sharif, Project Manager
 Nuclear Waste Partnership LLC

CC:

T. Blaine, NMED * ED
 T. Kliphuis, NMED ED
 R. Maestas, NMED ED

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