



Department of Energy
West Valley Demonstration Project
10282 Rock Springs Road
West Valley, NY 14171-9799

To the Reader:

This report, prepared by the U.S. Department of Energy (DOE) West Valley Demonstration Project (WVDP), summarizes the environmental protection program at the WVDP for calendar year 2007.

Monitoring and surveillance of the WVDP facilities are conducted to verify that public health and safety and the environment are protected. The quality assurance requirements applied to the environmental monitoring program by the DOE ensure the validity and accuracy of the monitoring data.

At the WVDP, radiological air emissions are controlled and permitted by the U.S. Environmental Protection Agency (EPA) under National Emission Standards for Hazardous Air Pollutants, Subpart H, regulations. Nonradiological liquid effluent discharges are controlled and permitted through the New York State Pollutant Discharge Elimination System.

Air, surface water, groundwater, storm water, drinking water, soil, sediment, and biological samples are collected and analyzed for radiological and nonradiological constituents. The resulting data are evaluated to assess effects of activities at the WVDP on the nearby public and the environment. Radiological monitoring of treated water effluents and facility ventilation system emissions verified that the dose received by off-site residents continues to be minimal.

The calculated dose to the hypothetical maximally exposed off-site individual from airborne radiological emissions in 2007 was much less than one-tenth of one percent of the EPA limit. The dose from combined airborne and waterborne radiological releases in 2007 to the same individual was less than one-tenth of one percent of the DOE limit.

On June 29, 2007, the DOE awarded a four year contract for management and operation of the WVDP to West Valley Environmental Services Company, LLC, a team led by Washington Group International. Transition to the new team was completed in 2007, ensuring the continuation of safely managed environmental cleanup and waste management activities.

If you have any questions or comments about the information in this report, please contact the WVDP Communications Department at (716) 942-2152 or complete and return the enclosed survey.

Sincerely,

A handwritten signature in black ink, appearing to read "B.C.B.", with a long horizontal line extending to the right.

Bryan C. Bower, Director
West Valley Demonstration Project



