

11-13-2014

Public meeting materials associated with Request
for Class 3 Permit Modification, Corrective Action
Complete with Controls, Solid Waste Management
Unit 76, Mixed Waste Landfill, Sandia National
Laboratories/New Mexico, EPA ID
NM5890110518

U.S. Department of Energy

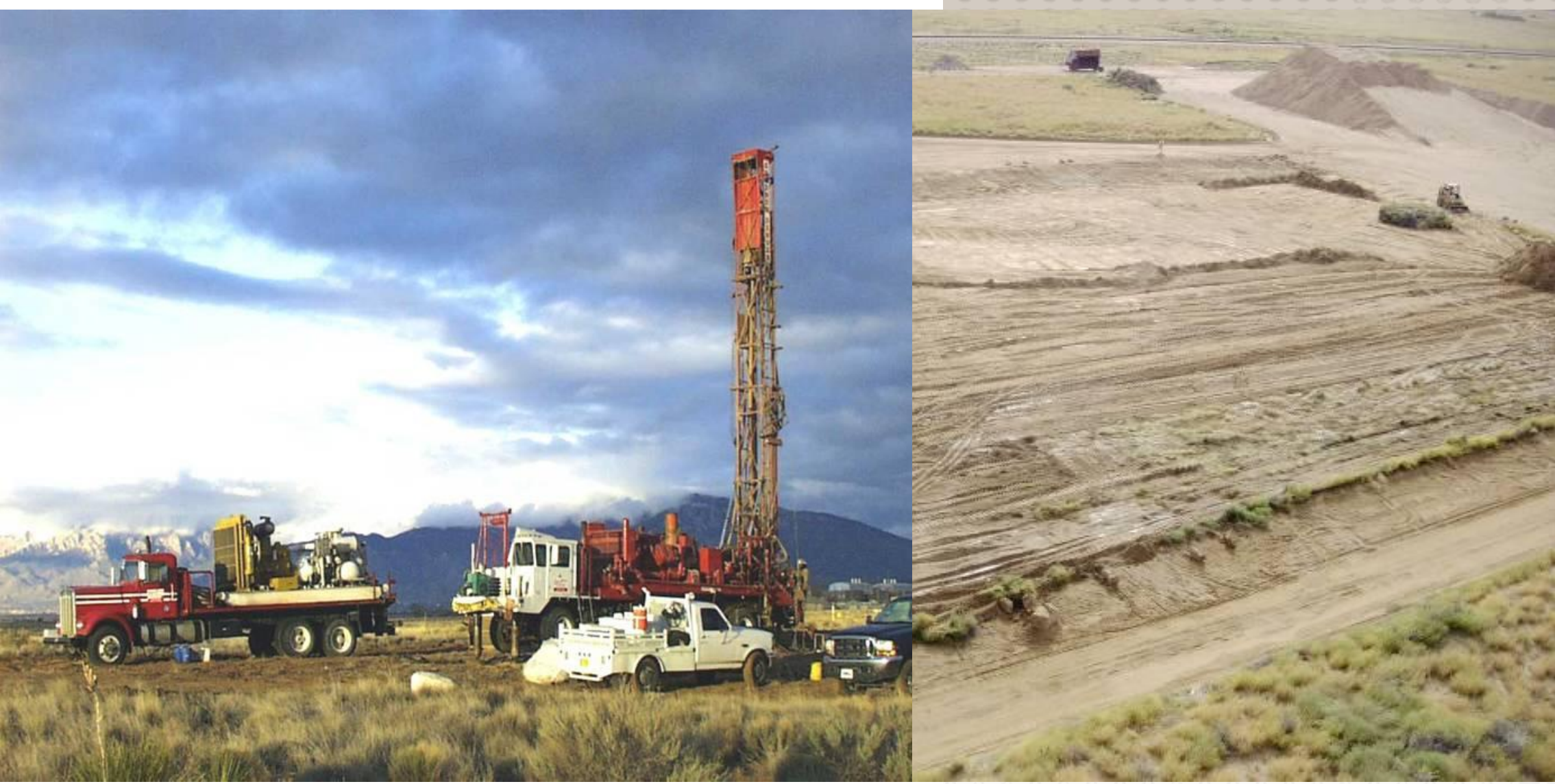
Follow this and additional works at: https://digitalrepository.unm.edu/snl_swmu76

Recommended Citation

U.S. Department of Energy. "Public meeting materials associated with Request for Class 3 Permit Modification, Corrective Action Complete with Controls, Solid Waste Management Unit 76, Mixed Waste Landfill, Sandia National Laboratories/New Mexico, EPA ID NM5890110518." (2014). https://digitalrepository.unm.edu/snl_swmu76/7

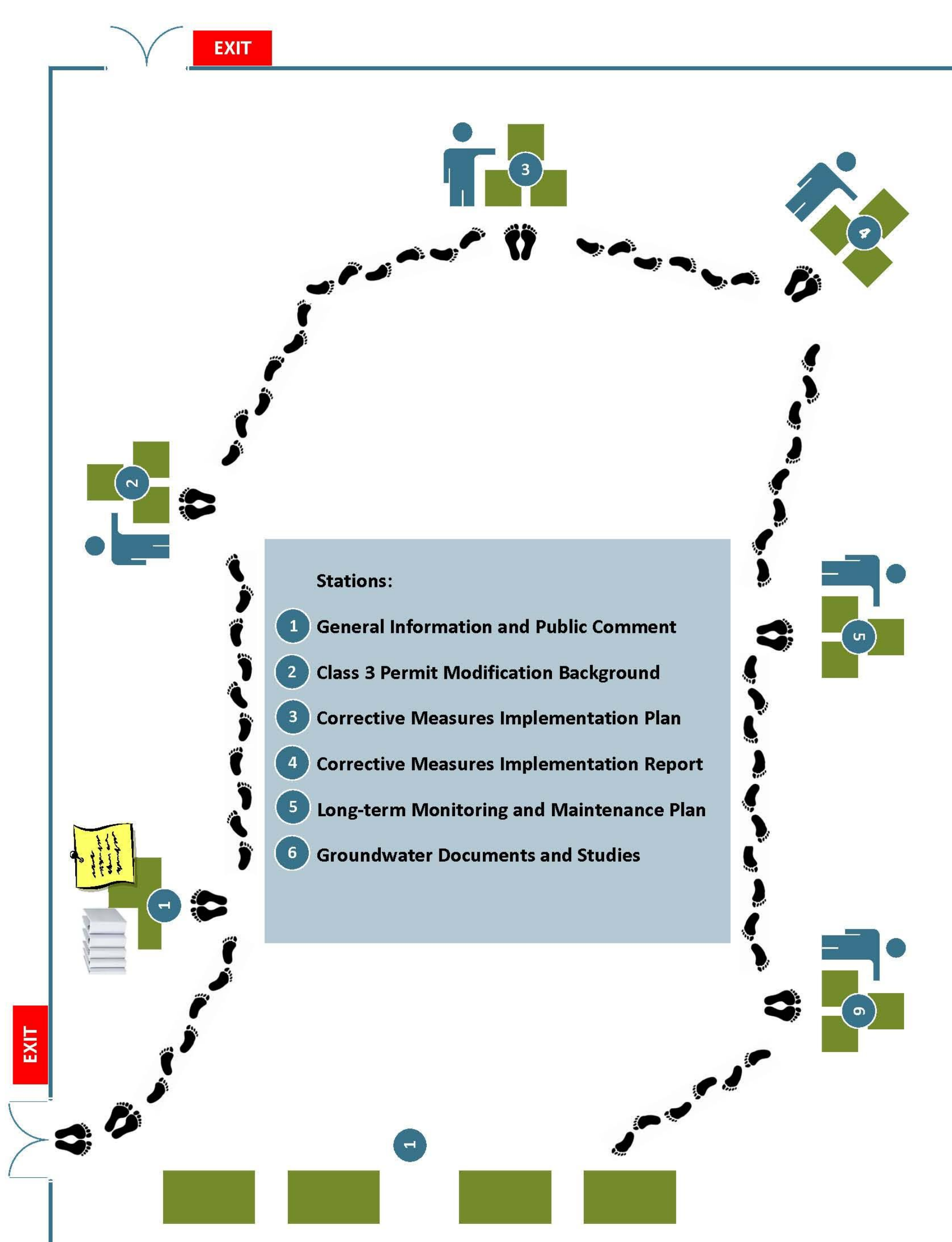
This Article is brought to you for free and open access by the Sandia National Labs/NM Technical Reports at UNM Digital Repository. It has been accepted for inclusion in SWMU 76 - Mixed Waste Landfill - Corrective Action by an authorized administrator of UNM Digital Repository. For more information, please contact disc@unm.edu.

Welcome



*Exceptional
service
in the
national
interest*

Map Showing the Layout of Information Stations



Station 1 - Public Participation & Comment Area

The Department of Energy (DOE) and Sandia Corporation (Sandia), and the New Mexico Environment Department (NMED) are providing the opportunity for members of the public to obtain information on Solid Waste Management Unit (SWMU) 76, Mixed Waste Landfill (MWL) and to provide comments related to this Class 3 permit modification request.

Station 2 - Background Information and the Corrective Action Process

General information on SWMU 76, MWL and the corrective action regulatory process that must be followed for all Solid Waste Management Units.

- DOE and Sandia have completed all the corrective action requirements for SWMU 76, MWL associated with planning and implementing the final remedy and controls.
- The final remedy is an evapotranspirative (ET) landfill cover (i.e., the final remedy selected by NMED) that isolates the SWMU 76, MWL disposal areas from water infiltrating downward from the surface, human and animal intrusion, and groundwater that is 500 feet below the surface.
- Final controls include restricted land use; monitoring and triggers to address uncertainty and ensure timely corrective action if conditions change in a way that threatens groundwater, human health, and the environment; and inspection and maintenance/repairs as needed of the ET cover.

Station 3 - Corrective Measure Implementation Plan

The Construction Plan for the final cover remedy (i.e., the ET cover) that includes information on the cover design, and performance and contaminant migration modeling.

- Additional field sampling & analysis also required by NMED to confirm earlier results prior to NMED-approval of the CMI Plan.
- Preparation for construction of the ET cover began during the CMI Plan review and approval period.

Station 4 - Corrective Measure Implementation & Report

The final report that documents the successful construction of the ET cover, which was constructed thicker and more protective than the initial CMI Plan cover design.

Station 5 - Long-Term Monitoring and Maintenance Plan

The plan defining the final remedy controls to ensure the protection of groundwater, human health, and environment.

- Controls include land-use restrictions, multi-media monitoring, inspections, maintenance and repairs, and reporting.
- Uncertainties related to contaminant migration addressed by multi-media monitoring program including protective triggers levels that require timely corrective action if trigger levels are exceeded.
- Public access to annual reports documenting all monitoring and inspection work, as well as reevaluation reports assessing the monitoring data and reevaluating the feasibility of excavating SWMU 76, MWL.

Station 6 - Groundwater Documents and Studies

Information on groundwater monitoring program and investigations conducted since the Final Order was issued in May 2005.