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ABSTRACT

To assess the environmental quality of White Sands Missile Range (WSMR) with regard to the use, storage, treatment, and disposal of toxic and hazardous materials and to define any condition which may adversely affect health and welfare or result in environmental degradation.

A review of the records indicated that the test ranges, burial sites, holding ponds, and demolition grounds represent the major contaminated areas.

Predominant contaminants include petroleum-oil-lubricants (POL), pesticides (DDT, chlordane, dieldrin, toxaphene, lindane, heptachlor, etc.), herbicides (2,4-D and 2,4,5-T), propellants, radioactive materials (depleted uranium), and explosive wastes.

WSMR covers over 1.8 million hectares (including the Co-use Area) and is situated in an enclosed basin. Most of the surface drainage flows toward the center of the range. The available geological evidence and water quality data do not indicate the offpost migration of contaminants via surface or subsurface waters.

No preliminary survey is recommended.

WS2/gen

**INSTALLATION ASSESSMENT
OF
WHITE SANDS MISSILE RANGE
REPORT NO. 138**

APRIL 1979



**US ARMY
TOXIC AND HAZARDOUS MATERIALS AGENCY**

ABERDEEN PROVING GROUND, MARYLAND 21010

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WHITE SANDS MISSILE RANGE, WHITE SANDS, NEW MEXICO 88002.

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