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GOVERNOR

State of New Mexico
ENVIRONMENT DEPARTMENT
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ENTERED

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MEMORANDUM

TO: John Pfeil, Groundwater Protection and Remediation Bureau

FROM: Steve Alexander, Hazardous and Radioactive Materials Bureau

THROUGH: Bruce Swanton, Hazardous and Radioactive Materials Bureau
Edward Horst, Hazardous and Radioactive Materials Bureau

DATE: June 2, 1992

SUBJECT: RCRA Facility Investigation Report, New Mexico Solid Waste Management Units, September, 1991, Fort Bliss, TX

The Hazardous and Radioactive Materials Bureau (HRMB) has completed review of the Environmental Science and Engineering, Inc. September, 1991 Fort Bliss RCRA Facility Investigation Report (RFI). The RFI was prepared on the Fort Bliss solid waste management units (SWMU's) located within New Mexico. The specific SWMU's are #21, McGregor Range Fire Training Area, and #25B, Orogrande Oxidation Lagoon. HRMB has determined the data submitted in the RFI does not fulfill the Contamination Characterization objective given in the U.S.EPA "RCRA Corrective Action Plan Guidance", OSWER Directive 9902.3 (EPA/530-SW-88-028). The stated objective is:

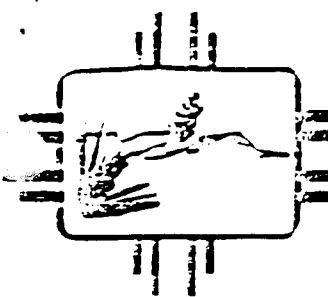
"Task IV: Facility Investigation

The Owner/Operator [Respondent] shall conduct those investigations necessary to : characterize the facility (Environmental Setting); define the source (Source Characterization); define the degree and **extent** of contamination (Contamination Characterization); and identify actual or potential receptors."

The RFI activities performed at both SWMU #21 and SWMU #25B did not include determining the vertical and horizontal extent of contamination. The horizontal delineation consisted of sampling selected points within each SWMU. The vertical delineation consisted of obtaining soil core samples from selected points to a predetermined depth of fifteen feet. The lack of a complete characterization of the vertical and horizontal extent of contamination in the soils may not result in data of adequate

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technical quality to support the development and evaluation of the corrective measure alternative or alternatives during the Corrective Measures Study.



New Mexico Environment Department

HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
TELECOPIER/FACSIMILE COVER SHEET

TO: John Pfeil

OFFICE: Minerals Prod. & Res. Bureau

PHONE: 827-2965

ACTION REQUIRED: _____ High PRIORITY _____ LOW PRIORITY

NUMBER OF PAGES TO INCLUDE THIS COVER SHEET: B

FROM: Steve Alexander

OFFICE: H&RMB

PHONE: 827-4361

DATE & TIME SENT 6/1/92 8:10