



DEPARTMENT OF THE AIR FORCE

HEADQUARTERS 49TH FIGHTER WING (ACC)
HOLLOMAN AIR FORCE BASE, NEW MEXICO

WAFB 93 Blue

FROM: 49 CES/CEV
550 Tabosa Ave
Holloman AFB, New Mexico 88330-8458

SUBJ: Notice of Intent to Discharge

TO: New Mexico Environment Department
Groundwater Bureau
Harold Runnels Building
Attn: David Morgan
1190 St Francis Drive
Santa Fe, NM 87503



1. Holloman AFB (HAFB) is notifying the State of New Mexico (NMED) of its intention to discharge waters collected from groundwater monitoring wells during CY 1993, in accordance with NM WQCC Regulation 1-201. Holloman plans one-time discharges of approximately 1400 gal from a holding pool located across Arkansas Avenue from HAFB civil engineering complex, and approximately 6100 gal directly from well drilling operations at various locations on base. (Atch 1) All waters result from the development, purging and equipment cleaning associated with the installation and sampling of groundwater monitoring wells. Smaller discharges are expected in the future and NMED will be notified when quantities are known. The installation of these wells is required by Resource Conservation & Recovery Act (RCRA) and the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), to investigate possible contamination releases.

2. Water in the holding pool is collected from locations where groundwater quality is unknown. This water is collected and tested to determine if it is hazardous under RCRA. If not, it will be discharged from the holding pool. If hazardous, the water will be drummed and disposed of as a hazardous waste. If an unintentional discharge of a hazardous water were to occur, it will be immediately reported as required by the NM WQCC Regulations. Also note that the groundwater affected is non-potable, with TDS exceeding 10,000 mg/L.

3. About 4600 gal of water will be directly discharged from drilling operations in the southwest corner of the base near the sewage lagoons, or from adjacent lands administered by the Bureau of Land Management. This groundwater contains concentrations of organochlorine pesticides generally less than 1 ppb. This is not considered a hazardous waste and discharging the water to the land surface leaves less pesticide residue than application of the pesticide itself. TDS of the discharged waters may be somewhat below 10,000 mg/L because of the local influence of the sewage lagoons. Results of analyses obtained from a GeoProbe(TM) groundwater sampler are included at Atch 2. Note that the GeoProbe(TM) results will tend to overestimate pesticides in groundwater because of particulate matter in the samples.

4. About 1500 gal of water will be discharged from wells located in the central and northeast areas of the base that are free from contamination and were selected to characterize basewide background metals concentrations in groundwater. We suspect that concentrations of some metals naturally exceed state drinking water standards but TDS is also expected to exceed 10,000 mg/L.

5. Please direct any questions to Dr Fred M Fisher at 479-3931.


HOWARD E. MOFFITT
Deputy Base Civil Engineer

2 Atchs

1. HAFB Investigation Derived Water Discharges
2. GeoProbe Investigation Results, North Area

cc: w/o Atchs:

Wally Hise (Radian Corp)
Jane Hixson (Radian Corp)
Ron Stirling (US COE)
Steve Alexander (NMED)