

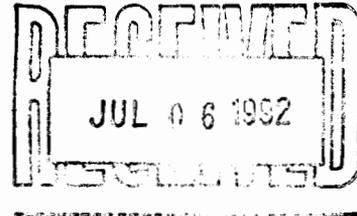
Handwritten: 11-2-92

FROM: 49 CES/CEV
Holloman AFB, NM 88330-5000

30 JUN 1992

SUBJ: Compliance Agreement Quarterly Report

TO: Mr. Barry Feldman
US EPA, Region VI, (6H-CS)
1445 Ross Avenue
Dallas, TX 75202-2733



1. Pursuant to the requirements set forth in Section X--REPORTING AND EXTENSIONS section of the Compliance Agreement signed on 20 December 1988, we hereby submit the 14th quarterly progress report (Atch 1). This report will provide a brief outline of events from 1 Apr to 30 Jun 1992.

2. Documentation for the contents of the attached report is available upon request from the 49 CES/CEV office at Holloman AFB. If you have any questions or comments, contact Dr Fred M Fisher, (505) 479-3931.

SIGNED

HOWARD E. MOFFITT
Deputy Base Civil Engineer

1 Atch
Compliance Agreement Report (2 cys)

cc: w/Atch
HQ ACC/CEV
49 FW/JA
49 SG/CC
US EPA (Mark Peycke)
NMED (Dr Bruce Swanton)
US Army COE, Omaha NE
(R.Stirling)
BLM, Las Cruces (Scott Ludwig)
BLM, Santa Fe (Mark Blakeslee)
DOI (Raymond P. Churan)
F&W Service (Tom O'Brien)

COMPLIANCE AGREEMENT QUARTERLY REPORT

HOLLOMAN AIR FORCE BASE

FOURTEENTH QUARTERLY PROGRESS REPORT

1 APR - 30 JUN 92

PREPARED BY

HOLLOMAN AFB, NM
49 CES/CEV

25 Jun 92

QUARTERLY PROGRESS REPORT
1 APR - 30 JUN 1992

03 Apr 92: 13th quarterly Compliance Agreement Quarterly Report for 1 Jan - 31 Mar 92 was submitted to NMED and USEPA Region VI.

14 Apr 92: Received draft version of "Results for Confirmation Sampling, Groundwater Assessment Monitoring Program, Holloman AFB, NM" from Radian Corp, Austin, reporting the the results of monitoring well samples collected the week of 10 Feb 92.

16 Apr 92: Received final reports on "Fourth Semiannual Groundwater Sampling Report, July 15-July 19, 1991, Holloman AFB, NM" and "Background Contamination Indicator Parameter Summary Statistics for Upgradient Wells and Comparisons with Data from the Fourth Semiannual Groundwater Sampling Episode" from International Technology Corp, Albuquerque.

04 May 92: Received final version of "A-E Sampling and Quality Control Summary Report for Appendix IX Groundwater Sampling - Assessment Monitoring Program, Holloman AFB, NM" from Radian Corp, Austin. This report combines the results of two previous draft reports of Appendix IX sampling in Sep 91 and confirmation sampling in Feb 92.

13 May 92: Submitted "A-E Sampling and Quality Control Summary Report for Appendix IX Groundwater Sampling - Assessment Monitoring Program, Holloman AFB, NM" to NMED, EPA, and BLM. The cover letter provides notification that low levels of pesticide contamination (< 0.5 ppb) are present in the wells. No pesticides were detected by the QA lab, the USACE Missouri River Division Laboratory, which had higher detection limits than did the Radian Corp lab. In view of the low level of contamination and the highly saline, nonpotable aquifer, it was recommended to return to detection monitoring.

15 May 92: Received monitoring well installation report for 2 new upgradient wells, MW-9 and MW-10, from Radian Corp, Austin.

01 Jun 92: Sent monitoring well installation report to NMED, EPA, and BLM.

03 Jun 92: Received from EPA Region VI a copy of a letter identifying Mr Barry Feldman as the replacement for Mr Courtland Fesmire as EPA point of contact for the FFCA.

16 Jun 92: Mr Gary Barnes of the Holloman AFB Entomology Shop was interviewed regarding current and past use of pesticides as part of HAFB's efforts to locate sources of pesticide contamination. Insecticides applied at housing units since about 1985 consist of Diazinon, Ficam, and currently, Ficam Plus. Records are maintained for each housing unit and records may be available back to 1985. (The shop is only required to maintain records for 3 years.) The insecticide currently used for fogging is Scourge. Malathion was most commonly used in the recent past. No pesticides are currently used for termite control nor have they been in the recent past. Equipment rinsate is disposed into a holding tank and does not enter the sanitary sewer system.

22 Jun 92: Conference call with NMED, EPA, HQ ACC, HAFB, USACE, Radian Corp and BLM.

The proposed modifications to the lagoon monitoring well network (add MW-9, MW-10, remove S-2) were acceptable to NMED and USEPA.

HAFB's proposal to return to detection monitoring is premature because additional studies are necessary to define the extent of contamination. HAFB will submit a document to NMED that, based upon the Sep 1991 assessment monitoring plan and the new data from the Sep 1991 and Feb 1992 samplings, summarizes their proposed contamination assessment plan. This document will be submitted in time to allow its review by NMED before the 27 Jul meeting (see below).

Additional monitoring wells will be sited downgradient from wells showing pesticide contamination. Some of the siting factors to be considered are the presence of endangered and threatened species, the direction of groundwater flow, and the possibility of surface water contamination of the wells. HAFB will locate potential well sites in consultation with BLM and US Fish and Wildlife Service personnel.

A meeting will be held at 1300 MDT, 27 Jul 92, to discuss the groundwater contamination assessment plan and sludge/soil data (if available).

22 Jun 92: Received preliminary data tables from USFWS survey of contamination of lagoon and Lake Holloman biota.

23 Jun 92: Siting considerations for lagoon downgradient monitoring wells located on land administered by Bureau of Land Management were discussed with Mr Scott Ludwig of the Las Cruces office of the BLM. Mr Ludwig indicated that BLM had determined that an environmental assessment will be required because of the possible presence of a threatened or endangered species, the grama-grass cactus.