



DEPARTMENT OF THE AIR FORCE

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

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

30 SEP 1993

SUBJ: Compliance Agreement Quarterly Report

TO: Mr Barry Feldman
US EPA, Region VI, (6H-CS)
1445 Ross Avenue
Dallas, Texas 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 19th quarterly progress report (Atch 1). This report will provide a brief outline of events from 1 July to 30 September 1993.

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 or Mr Tim O'Donnell, (505) 475-3931.


HOWARD E. MOFFITT
Deputy Base Civil Engineer

1 Atch
Compliance Agreement Report (2 cys)

cc: w/Atch
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49 SPTG/CC
NMED (Mr Steve Alexander)
NMED (Ms Stephanie Stoddard)
US ACE, Omaha NE (Mr Sterling)
BLM, Las Cruces (Mr Ludwig)
BLM, Santa Fe (Mr Blakeslee)
DOI (Mr Raymond P. Churan)
FWS Service (Mr Clent Bailey)



FEDERAL FACILITIES COMPLIANCE AGREEMENT LIST

cc/w Atch

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49 SPTG/CC, Holloman AFB, NM 88330

HOLLOMAN AIR FORCE BASE

NINETEENTH QUARTERLY PROGRESS REPORT
1 JULY - 30 SEPTEMBER 1993

PREPARED BY

HOLLOMAN AFB, NEW MEXICO
49 CES/CEV

1 OCTOBER 1993

QUARTERLY PROGRESS REPORT
1 JULY - 30 SEPTEMBER 1993

08 JULY 93: Holloman AFB (HAFB) submitted 18th Quarterly Report.

13-16 JULY 93: Mr Rusty Mase representing Environmental Technical Services Co was at HAFB to prepare for additional biota sampling. The primary goal of the visit was to collect ducklings prior to fledging, which addressed concerns of the United States Fish and Wildlife Service (USFWS). Many samples of other biota were collected allowing for the evaluation of additional portions of the food web. Determination of the numbers and types of analyses to be performed on these samples will be made after review of the analytical results on the biota samples collected last winter. Consideration of analytical options could include further discussion with the USFWS. Mr Sky Bristol, USFWS, Albuquerque Office, provided one day's assistance in the collection of ducklings.

16 JULY 93: Formal meeting with Bureau of Land Management (BLM) Real Estate Officer and Caballo Resource Area Manager on land transfer issues relating to the new sewage treatment plant. Meeting was held at the BLM District Office in Las Cruces, N.M.

29 JULY 93: HAFB transmitted letter to New Mexico Environment Department (NMED) including a list of reports/information already in NMED files to be reviewed with the Closure Plan; a list of upcoming submittals and the schedule for their submission; and a request for review of the Closure Plan, the regulatory status of the lagoons, and guidance for the approach to closure.

4-6 AUGUST 93: Radian Corporation personnel conducted sampling at HAFB for total organic carbon (TOC) and octane/water and soil/water partition coefficients (Kow and Koc). In addition to sampling, a synchronous water level survey was conducted and brass well identification tags were attached to the sewage lagoons and lakes' wells and piezometers. Overall, the field activities were a success with no significant problems encountered.

17-19 AUGUST 93: Analytical Results meeting was held at Radian Corporation Headquarters in Austin, TX with representatives of HAFB, HQ ACC (Langley AFB, VA), United States Corps of Engineers (USCOE) and Radian Corporation. Several changes in project approach were discussed and agreed to and are summarized as follows: (1) The statistical modeling will be updated using the Spring, 1993 results for Lake Stinky and using additional contaminants of concern identified by the risk assessments (if any); (2) The revised statistical modeling results will form the basis of a conceptual plan to be prepared by Radian and submitted for regulatory review at approximately the same time as the risk assessments; (3) Proceed with Corrective Measures Studies (CMSs) for Ponds A, B, and F. CMSs for the remaining lagoons will be delayed until the additional sampling described in the Conceptual Plan is completed; (4) Addition of a construction workers' exposure scenario due to the possibility that all lagoons will be taken out of service and backfilled; (5) the substantial impact on groundwater flow, due to the installation of new unlined evaporation ponds in the area, will need to be addressed.

~~30 AUGUST 93: A conference call was held to discuss all issues covered at the~~
Analytical Results meeting held at Radian Headquarters 17-19 August 1993.
Conference call participants were HAFB, HQ ACC (Langley AFB, VA), USCOE and
Radian personnel.

8-9 SEPTEMBER 93: Wastewater Treatment Plant (WWTP) Design meeting (35%
stage) was held at HAFB. Radian Corporation personnel were in attendance the
first day and presented an overview of the current status of the sewage
lagoons and lakes, e.g. regulatory status and classification, Federal
Facilities Compliance Act (FFCA), final closure objectives and options,
interdependence of Closure Option and new WWTP Design, etc.

24 SEPTEMBER 93: Personnel from NMED Groundwater Bureau were at HAFB for open
discussions on current and future discharge plans. With regard to the
existing sewage lagoons, it was concluded that a discharge plan would not be
necessary due mainly to all the on-going Resource Conservation and Recovery
Act (RCRA) investigations.