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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 833D COMBAT SUPPORT GROUP (TAC)
HOLLOMAN AIR FORCE BASE, NM 88330-5000

REPLY TO
ATTN OF

DEV

SUBJECT

Compliance Agreement Quarterly Report

TO

Mr. Courtland Fesmire, Environmental Engineer
US EPA, Region VI, (6H-CS)
First Interstate Bank Tower
1445 Ross Avenue
Dallas, Texas 75202-2733



06 APR 1990

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 fifth quarterly progress report.
2. This report will provide a brief outline of events from 1 January to 31 March 1990.
3. Documentation for the contents of the attached report is available upon request from the 833 CSG/DEV office at Holloman AFB. If you have any questions or comments please contact Sharon N. Moore, (505) 479-3931.

Howard E. Moffitt
HOWARD E. MOFFITT
Deputy Base Civil Engineer

1 Atch
Compliance Agreement Report (2 cys)

cc: w/Atch
HQ TAC/DEEV
US EPA (Mark Peycke)
NMEID (Boyd Hamilton)
US Army COE, Omaha NE (B. Stewart)
BLM (Jim Fox)
DOI (Raymond P. Churan)
F & W Service (Tom O'Brien)
833 CSG/CC
833 CSG/JA

Readiness is our Profession

COMPLIANCE AGREEMENT QUARTERLY REPORT

HOLLOMAN AIR FORCE BASE

GROUNDWATER MONITORING PLAN
AND
HYDROLOGICAL INVESTIGATION REPORT

FIFTH QUARTERLY PROGRESS REPORT

1 JANUARY TO 31 MARCH 1990

PREPARED BY

HOLLOMAN AFB, NM
833 CSG/DEV

3 APRIL 1990

QUARTERLY PROGRESS REPORT
1 January - 31 March 1990

On 2 Jan 1990 - HAFB submitted to USEPA Region VI Fourth Quarterly Progress Report. This report provided a brief outline from 1 October 1989 through 31 December 1989.

On 8 Jan 1990 - HQ TAC directed US Army Corps of Engineers (USACE) to develop and implement a sampling plan to further delineate contamination at the bottom of Lagoons A & B to satisfy the New Mexico Environmental Improvement Division's (NMEID) request for soil borings. Also, the USACE were directed to modify the Holloman AFB's Sewage Treatment Lagoon Closure Plan as necessary to reflect verification sampling and changes requested by the NMEID at the 13 Nov 1989 meeting in Santa Fe with the Air Force, USACE and the NMEID.

On 18 Jan 1990 - Holloman AFB received a copy of minutes of weekly progress meeting from Bradley Construction.

On 19 Jan 1990 - Holloman AFB received a memorandum from the Resident USACE related to the approval of the contractor's Chemical Quality Control Plan and Verification Sampling Plan for Sewage Lagoon Construction Project, Technical Review and Field Support at Holloman Air Force Base, New Mexico.

On 19 Jan 1990 - Holloman AFB authorized three USACE employees to sign manifests for the sewage treatment lagoons sludge removal project.

On 22 Jan 1990 - Contaminated sludge removal began in Lagoon B.

On 26 Jan 1990 - NMEID sent a letter to the USEPA regarding Holloman AFB's Closure Plan. A copy of this letter was received at Holloman AFB on 6 March 1990.

On 02 Feb 1990 - Holloman AFB received a copy of Mr Brian Stewart's, USACE Project Manager, trip report for his recent visit to Holloman AFB. His report summarized present issues related to the progress of the sludge removal in Lagoon B.

On 06 Feb 1990 - A Memo for Record was prepared by Sharon Moore regarding a meeting held on 6 Feb 1990, with the BLM, Fish and Wildlife and Department of the Interior personnel. The purpose of the meeting was to discuss mutual concerns regarding the closure of the sewage treatment lagoons at Holloman AFB.

On 14 Feb 1990 - Holloman AFB received a letter with a memorandum attached. The memorandum was written by Mr Bruce Swanton (NMEID), to Boyd Hamilton (NMEID), Elizabeth Gordon (NMEID), Court Fesmire USEPA Region VI, and Tom O'Brian, US Fish and Wildlife Service, regarding Holloman Air Force Base Sewage Lagoons.

On 21 Feb 1990 - Holloman AFB forwarded the correspondence discussed above (reference 14 Feb 1990) to HQ TAC for their review, planning and budgeting.

On 23 Feb 1990 - Holloman AFB provided a copy of the First Groundwater Sampling Round to the Bureau of Land Management, the Fish and Wildlife Service and to the Department of the Interior. This information was requested by them during the recent meeting at Holloman AFB.

On 23 Feb 1990 - Radian Corp provided Holloman AFB copies of the draft Quality Control Sampling Plan (A-E QCSP) for the sewage lagoon site.

On 27 Feb 1990 - Radian Corp provided Holloman AFB copies of the draft of the Safety, Health, and Emergency Response Plan (A-E SHERP) for the sewage lagoon site.

On 06 Mar 1990 - Holloman AFB received a copy of the letter sent from NMEID to the USEPA on 6 Mar 1990.

On 08 Mar 1990 - The contaminated sludge removal from Lagoon B was completed.

On 8-10 Mar 1990 - 37 Grid Point Verification Sampling conducted in Lagoon B.

On 09 Mar 1990 - Holloman AFB received letter of "thanks" from BLM concerning the previous meeting.

On 16 Mar 1990 - Holloman AFB sent copies of A-E Quality Control Sampling Plan (A-E QCSP) for sewage lagoons to NMEID and the USEPA.

On 20 Mar 1990 - Holloman AFB received results from verification sampling. One point sampled indicated a residual level of PCB to be greater than 25 ppm (i.e., result was 27 ppm). A decision was made for Radian Corporation to collect three more samples in and around the one hit. Also, the USACE required a split sample to be sent to the USACE MRD Lab in Omaha, Nebraska. The results were received on 30 Mar 1990. Radian's analyses indicated the remaining sludges around that point are less than 13 ppm. The USACE sample confirmed that the remaining sludges in the area are less than 18 ppm. A decision was made by the Base Commander on 31 March 1990, in a telephone conversation with the Base Environmental Coordinator, to allow the USACE to initiate contaminated sludge removal in Lagoon A.

On 23-29 Mar 90 - As per discussion in the 13 November meeting with the NMEID regarding closure of the sewage lagoons, it was requested that Holloman AFB perform borings within Lagoons A & B for chemical analyses of suspected discharged constituents into the lagoons for positioning the base for a post closure care permit. The USACE Contractor (Radian Corp) has performed 6 borings (2 deep and 4 shallow) in the vicinity of the effluent discharge within Lagoon B. The chemical analyses for both lagoons shall be used in an occupational based risk assessment to justify the environmental position of the base. The base is presently waiting on these analyses.

On 29-30 Mar 90 - Radian Corp plugged and abandoned all groundwater monitoring wells around the Lagoons not presently in the USEPA/NMEID approved Holloman AFB groundwater monitoring network.

Due to significant comment on the draft reports for groundwater monitoring, the 2nd, 3rd, and 4th draft reports have not yet been finalized. Additionally, the semi-annual report is in final completion phases. It is anticipated these reports along with the required statistical correlation (40CFR265.93) will be completed and submitted in April 1990.