



DEPARTMENT OF THE AIR FORCE

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

6 OCT 1997

MEMORANDUM FOR US EPA REGION VI (6H-CS)

Attn: Mr. Gene Keepper  
First Interstate Bank Tower  
1445 Ross Avenue  
Dallas Texas 75202-2733

FROM: 49 CES/CEV  
550 Tabosa Ave  
Holloman AFB NM 88330-8458

SUBJECT: Compliance Agreement Quarterly Report

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 35th Quarterly Progress Report (Atch). This report will provide a brief outline of events from 1 July-30 September 1997.
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 at (505) 475-3931.

ROBERT R. HENKEL, Lt Col, USAF  
Base Civil Engineer

Attachment:  
Compliance Agreement Report

cc: w/Atch  
HQ ACC/SJA (Mr. Mike Wells)  
HQ ACC/CEVQ (Mr. Larry Isaacs)  
HQ ACC/CEVR (Mr. Jim Haggins)

49 FW/JA

NM Environment Department  
Hazardous & Radioactive Materials Bureau  
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Mr. Jerry Bober, and  
Ms. Stephanie Kruse

Mr. Mark Wilson  
Fish and Wildlife Service  
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Albuquerque NM 87113

AFCEE/CCR-D (Mr. Tom Manning)  
P.O. Box 116  
525 Griffin St  
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Mr. Mark Mercier  
U.S. Army Corps of Engineers  
Omaha District/CEMRO-ED-EA  
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Mr. Robert Michna  
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Mr. Dan Holmquist  
Foster Wheeler Corp  
Holloman AFB NM

Mr. Raymond P. Churan  
Regional Environmental Officer  
United States Department of the Interior  
P.O. Box 649  
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**Holloman Air Force Base (HAFB) Federal Facilities Compliance Agreement (FFCA)**  
**35th Quarterly Progress Report, 1 July 1997-30 September 1997**  
**Civil Engineer Environmental Flight, 49 CES/CEV, 3 October 1997**

3 Jul 97: Standing water has been removed from the lagoons. Ceasing operation of the spray irrigation system installed in May 97. ✓

7 Jul 97: Submitted 34th Quarterly Progress Report.

15 Jul 97: Spray irrigation equipment at the lagoons project site is being decontaminated for removal. Sludge in lagoons A, B and C is being worked using heavy equipment. Areas with vegetation (mainly exotic weeds) are cleared and grubbed in preparation for grading to new contours. ✓

5 Aug 97: Concrete rubble is used to fill in deep holes near the north end of Pond B. ?

11 Aug-29 Aug 97: Contractor on site at Holloman to review the inventory of industrial pretreatment processes and collect samples. This contract will update and supplement previous inventory conducted for the NPDES permit application in 1995. Preliminary results indicate that pollution prevention efforts involving the use of closed-loop systems for many processes are reducing discharges to the sanitary sewer. Remaining major industrial activities consist of vehicle and equipment washing, floor washing, and photo laboratory discharges. The major discharges consist of sediments, detergents, and oil, grease and fuel residues. The contract includes the evaluation of the performance of oil/water separators and silver recovery units.

15 Aug 97: Interim 6" cover on Ponds A, B and C is complete (cover completed on D, E and F during prior reporting period), allowing access by crew responsible for constructing final cover. ✓

18 Aug 97: Kickoff meeting for contractors and subcontractors involved in construction of final cover.

21 Aug 97: Meeting in Albuquerque with U.S. Army Corps of Engineers-Albuquerque District to finalize scope of work for contractor technical support for providing data required by U.S. Environmental Protection Agency-Region 6 to write the National Pollutant Discharge Elimination System (NPDES) Permit for wastewater from the new wastewater treatment plant.

25 Aug 97: Delivery of soil for final cover of the lagoons begins. The majority of the soil delivered from off-site will be used in Ponds A and B which are constructed below natural grade. The result is that these two lagoons, which contain the highest concentrations of contaminants and are the only ones containing PCBs, will have a cover thickness of approximately 4-5 feet. ✓

27 Aug 97: Begin construction of pipeline connecting wastewater treatment plant to Lagoon G. Wastewater effluent will be supplied to Lagoon G to support wildlife habitat. Water quality will comply with a NPDES Permit and with a New Mexico Discharge Plan. ✓

This action is required by the Environmental Assessment (EA) and the Finding of No Significant Impact (FONSI) for the new wastewater treatment plant. (The new wastewater treatment plant was required to close the lagoons.) The Lagoon G pipeline is part of a system that will provide the capability of diverting as much as  $\frac{2}{3}$  of the wastewater effluent away from Lake Holloman, which will improve wildlife habitat in both the Pond G/constructed wetlands area and at Lake Holloman, while minimizing potential for flooding low-lying areas downstream from Lake Holloman and Lake Stinky. ✓

5 Sep 97: Backfill of Pond A in 12" lifts is underway. ✓

16 Sep 97: 53,000 tons of soil has been delivered to the lagoons closure project site. Backfill of Ponds A and B in 12" lifts continues. ✓

24 Sep 97: Meeting with U.S. Fish and Wildlife Service personnel from Bosque del Apache National Wildlife Refuge regarding scheduled work at Lagoon G and constructed wetlands. Work to be accomplished in October 1997 will include providing a new water control structure to Lagoon G allowing control of water level and allowing water to flow through at a lower level. Other work, which is part of the system diverting water from Lake Holloman, consists of digging a ditch to provide effluent by gravity flow from the wastewater treatment plant directly to the constructed wetlands. ✓

30 Sep 97: 70,000 tons of soil has been delivered to the lagoons closure project site. Backfill of Ponds A and B in 12" lifts continues. ✓