



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

8 JAN 1998

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 36th Quarterly Progress Report (attached). This report will provide a brief outline of events from 1 October-31 December 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.


HOWARD E. MOFFITT
Deputy 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
Attn: Mr. Jerry Bober, Ms Stephanie Kruse
Box 26110
Santa Fe NM 87502-6110

Mr. Mark Wilson
Fish and Wildlife Service
2105 Osuna NE
Albuquerque NM 87113

AFCEE/CCR-D (Mr. Tom Manning)
P.O. Box 116
525 Griffin St
Dallas TX 75202

Mr. Mark Mercier
U.S. Army Corps of Engineers
Omaha District/CEMRO-ED-EA
215 N. 17th Street
Omaha NE 68102-4978

Mr. Robert Michna
Radian Corp
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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
Albuquerque NM 87103

**Holloman Air Force Base (HAFB) Federal Facilities Compliance Agreement (FFCA)
36th Quarterly Progress Report, 1 October 1997-31 December 1997
Civil Engineer Environmental Flight, 49 CES/CEV, 2 January 1998**

6 Oct 97: Submitted 35th Quarterly Progress Report.

8 Oct 97: Soil hauling was stopped after approximately 120,000 tons of soils have been delivered to the lagoons closure project site. Backfill of Ponds A, B, C and D in 12" lifts continues.

14 Oct 97: U.S. Fish and Wildlife Service (USFWS) personnel from Bosque del Apache National Wildlife Refuge began work to provide (1) a new water control structure to Lagoon G and (2) a ditch to deliver effluent by gravity flow from the wastewater treatment plant directly to the constructed wetlands. The new water control structure will allow control of the water level in Lagoon G and will allow water to flow through at a lower level. The ditch provides a means, in addition to the Lagoon G pipeline, to divert water from Lake Holloman into the constructed wetlands.

The diversion of water from Lake Holloman into Lagoon G and the constructed wetlands 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 combination of the ditch and the Lagoon G pipeline are part of a system that will provide the capability of diverting as much as two-thirds of the wastewater effluent away from Lake Holloman. This will improve wildlife habitat in both the Pond G/constructed wetlands area and at Lake Holloman, while minimizing the potential for flooding low-lying areas downstream from Lake Holloman and Lake Stinky.

Wastewater effluent quality to Lake Holloman, Lagoon G and the constructed wetlands will comply with a National Pollutant Discharge Elimination System (NPDES) Permit and with a New Mexico Discharge Plan. The New Mexico Discharge Plan has been approved but the NPDES permit awaits action by the industrial wastewater permitting staff of the US Environmental Protection Agency Region 6.

24 Oct 97: Installation of the water control structure at Lagoon G and the ditch from the wastewater treatment effluent line to the wetlands was completed. However, parts are still on order to connect the wastewater effluent line splitter box to the ditch.

28 Oct 97: Backfilling of Pond C continues. Work on the final grade is complete on Pond A and is underway on Pond B.

31 Oct 97: The US Army Corps of Engineers, Albuquerque District, contractors activated the pump to transfer water through the new pipeline connecting the wastewater treatment plant to Lagoon G.

4 Nov 97: Work is underway on the final grade for Ponds C, D and E. Final figures indicate a total of 128,138 tons of soil have been delivered to the lagoons' closure site. There have been 152,230 cubic yards of soil placed to final grade.

2 Dec 97: Final grade is complete for all lagoons (A-F) subject to the closure construction. Minor work continues. Initial bids have been received for revegetation of the lagoons site with native plants. Based on the wide range of responses, the bid specifications will be refined and new bids will be requested. Revegetation is scheduled for start of the monsoon season in July.

4 Dec 97: USFWS personnel completed installation of parts connecting the wastewater effluent line splitter box to the new ditch. Water was diverted from Lake Holloman to constructed wetlands through the new ditch.