



**DEPARTMENT OF THE AIR FORCE**

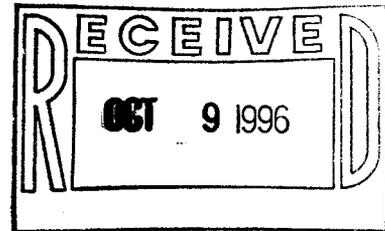
HEADQUARTERS 49TH FIGHTER WING (ACC)  
HOLLOMAN AIR FORCE BASE, NEW MEXICO

**04 OCT 1996**

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

Attn Mr. Gene Keeper  
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 31st Quarterly Progress Report (Atch 1). This report will provide a brief outline of events from 1 July-30 September 1996.
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) 475-3931.

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

Attachment:  
Compliance Agreement Report

cc: w/Atch  
HQ ACC/JA  
HQ ACC/CEVCM (Mr. Larry Isaacs)  
ACC CES/ESVW (Mr. Jim Haggins)  
49 FW/JA (Mr. Charles MacDonald)

NM Environment Department  
Hazardous & Radioactive Materials Bureau  
Box 26110  
Santa Fe NM 87502-6110  
Dr. Barbara Hoditschek,  
Mr. Jerry Bober, and  
Ms. Stephanie Kruse

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  
8501 Mo-Pac Blvd.  
Austin TX 78720-1088

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)  
31st Quarterly Progress Report, 1 July 1996-30 September 1996  
Civil Engineer Environmental Flight, 49 CES/CEV, 2 October 1996**

3 Jul 1996: Submitted 30th Quarterly Progress Report.

30 Jul 1996: New wastewater treatment plant begins operation when influent is diverted away from lagoons into new plant at 8:15 AM. The new wastewater treatment plant is required to complete the lagoons closure process required by the FFCA.

31 Jul 1996: Internal meeting to discuss requirements for maintaining old wastewater facilities during the interim period after diverting influent to the new plant and before beginning final closure activities. The interim requirements identified include maintaining surface aerators and the recirculation line.

21 Aug 1996: Submitted to New Mexico (NM) Hazardous and Radioactive Materials Bureau a letter providing additional detail on proposed interim actions prior to implementing an approved closure.

26 Aug 1996: Received draft Annual Sampling Report, Sewage Lagoons Groundwater Monitoring Program. The groundwater monitoring is required by the FFCA.

27 Aug 1996: Personnel from US Fish & Wildlife Service and Mesilla Valley Audubon Society attended a planning meeting for Phase II of the constructed wetlands project. This project includes improvements to the structures installed 21 Jun and installation of a water control structure in Lagoon G that will provide additional habitat management flexibility for both Lagoon G and the wetlands. The constructed wetlands and the continued use of Lagoon G are part of the new wastewater treatment plant project and are required for a Finding of No Significant Impact (FONSI) under the National Environmental Policy Act (NEPA). The new wastewater plant is, in turn, required in order to close the old lagoons.

4 Sep 1996: Received final draft Annual Sampling Report, Sewage Lagoons Groundwater Monitoring Program. No constituents detected in the groundwater exceeded risk-based alternate concentration levels established for the lagoons in the Long-Term Monitoring Plan for the Sewage Lagoons (Radian, April, 1995).

5 Sep 1996: Meeting with US Army Corps of Engineers - Albuquerque District contractors to discuss draft Sludge Management Plan for the new wastewater treatment plant. This plan is being developed to implement federal goals to encourage the recycling and beneficial use of sewage sludge (49 FR 24358, 12 Jun 1984; 58 FR 9248, 19 Feb 1993). Independent review of data on sludge in Lagoons C-G indicates it meets 40 CFR 503.13 "Clean Sludge" standards for metals. Sludge from the new wastewater plant is expected to be of equal or higher quality, and, therefore, will be suitable for beneficial uses such as landfill cover material, or as a soil amendment in croplands or degraded rangeland. Possibilities for beneficial use of the sludge in the old lagoons was discussed. However, regulatory issues associated with the designation of the

lagoons as a Hazardous Waste Management Unit appear to prevent any possibility of beneficial use of the lagoon sludge, despite the fact that it meets the "Clean Sludge" standards.

5 Sep 1996: Received letter from Radian International describing results of a comparison of sediment quality benchmarks to Pond G organic sediments. This action was requested by Mr. Jeff Yurk of US Environmental Protection Agency, Region 6, during the 3 Apr 1996 Stakeholders Closure Meeting.

20 Sep 1996: Site visit by Ms. Marchelle Schumann of the NM Ground Water Protection and Remediation Bureau regarding HAFB's application for a NM Discharge Plan for the new wastewater treatment plant/constructed wetlands. Ms. Schumann collected an effluent sample from the wastewater treatment plant and then visited Lagoon G and the upper pond of the constructed wetlands.