



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

0 2 JAN 1992  
1 1 2

REPLY TO DEV  
ATTN OF

SUBJECT: Compliance Agreement Quarterly Report

TO: Mr Courtland Fesmire, Environmental Engineer  
US EPA, Region VI, (6H-CS)  
1445 Ross Avenue  
Dallas, TX 75202-2733

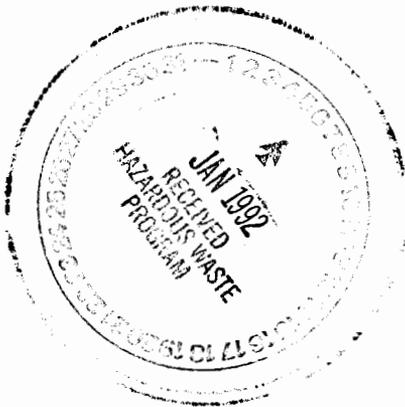


1. Pursuant to the requirements set forth in Section X--REPORTING AND EXTENSIONS section of the Compliance Agreement signed on 20 December 1988, we hereby submit the 12th quarterly progress report (Atch 1). This report will provide a brief outline of events from 1 Oct to 31 Dec 1991.
2. Documentation for the contents of the attached report is available upon request from the 49 SG/DEV office at Holloman AFB. If you have any questions or comments, contact Dr. Fred M. Fisher, (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/DEV  
49 FW/JA  
49 SG/CC  
US EPA (Mark Peycke)  
NMED (Dr Bruce Swanton)  
US Army COE, Omaha NE  
(B.Stewart)  
BLM, Las Cruces (Jim Fox)  
BLM, Santa Fe (Mark Blakeslee)  
DOI (Raymond P. Churan)  
F&W Service (Tom O'Brien)



*Readiness is our Profession*

COMPLIANCE AGREEMENT QUARTERLY REPORT

HOLLOMAN AIR FORCE BASE

TWELFTH QUARTERLY PROGRESS REPORT

1 OCT-31 DEC 91

PREPARED BY

HOLLOMAN AFB, NM  
49 SG/DEV

2 Jan 92

QUARTERLY PROGRESS REPORT  
1 OCT - 31 DEC 1991

1-3 Oct 91: Radian Corp conducted preliminary sampling on Lagoons C, D, E, F and G, and Lake Holloman to estimate water depth and sludge thickness in preparation for developing a sampling plan for sludge/soil.

4 Oct 91: 11th quarterly Compliance Agreement Quarterly Report for 1 Jul - 30 Sep 91 was submitted to NMED and USEPA Region VI.

9 Oct 91: Radian Corp submits trip report for 1-3 Oct sampling to U.S. Army Corps of Engineers (COE).

15 Oct 91: Radian Corp. submits preliminary data summary for Appendix IX groundwater sampling of lagoons to COE. QA/QC review is still incomplete.

15 Oct 91: Preliminary wastewater characterization data to support design of new wastewater treatment plant received from Armstrong Laboratory, Brooks AFB. Data reports TCLP for some sampling sites.

29 Oct 91: Draft conceptual plan for sludge/soil sampling in lagoons is distributed to NMED, EPA, BLM, FWS and others for comment.

30 Oct 91: Pre-design conference for wastewater treatment plant held at Holloman AFB (HAFB).

5 Nov 91: Draft sampling and quality control summary report for Appendix IX lagoon groundwater samples (including QA sample results from EPA subcontractor) is completed.

6 Nov 91: Conference call to discuss sludge/soil sampling strategies. NMED, EPA, COE, Radian, HQ TAC and HAFB participated. EPA and NMED request copies of groundwater draft sampling/quality control summary report.

7 Nov 91: Notification received from NMED that sludge/soil conceptual plan is acceptable. NMED HRMB QA/QC requirements document is included.

7 Nov 91: Groundwater sampling/quality control report sent to EPA/NMED.

11 Nov 91: Revised conceptual plan for sludge/soil sampling, incorporating comments from 6 Nov conference call, is submitted.

15 Nov 91: Notification received from EPA that a strict regulatory interpretation will require groundwater resampling in response to low-level pesticide hits (method 8080), even though there is little possibility of a pesticide plume in groundwater.

26 Nov 91: Received remaining TCLP and metals data for wastewater characterization survey.

3 Dec 91: Received courtesy copy of written notification from NMED approving sludge/soil conceptual plan.

9 Dec 91: Received draft wastewater characterization survey report from Armstrong Laboratory.

9 Dec 91: Received courtesy copy of 3 Dec request for proposal and scope of services from COE to Radian Corporation for collecting sludge/soil samples.

13 Dec 91: Received courtesy copy of revised scope of services from COE to Radian for collecting sludge/soil samples.

16 Dec 91: Received approval from US Fish and Wildlife Service for conceptual plan for sludge/soil sampling.

16 Dec 91: Request made to HQ TAC for funds to install two additional upgradient groundwater monitoring wells.

18 Dec 91: Notified that NMED will require groundwater resampling for methods 8080, 8240 and 8270.

18 Dec 91: In a phone conversation between HAFB and NMED, it was determined that the requirement to resample method 8270 was in error. Resampling of methods 8080 and 8240 will still be required.

20 Dec 91: Received written notice of EPA approval of conceptual plan for sludge/soil sampling

23 Dec 91: Conference call between NMED, EPA, COE, Radian and HAFB to discuss groundwater resampling schedule, method detection limits (MDL), NMED QA/QC requirements, and possible revised presentation of Sep sampling data. Issues involving resampling schedule and NMED QA/QC requirements are resolved.

23 Dec 91: Received revised NMED HRMB QA/QC requirements.

27 Dec 91: Received revised scope of services for sludge/soil sampling.

31 Dec 91: Conference call between NMED, EPA, HQ TAC, COE, Radian and HAFB to discuss laboratory contamination, MDL's and resampling schedule. Comparison of data from different methods and different labs shows that apparent method 8240 hits resulted from laboratory contamination. NMED states that method 8240 resampling will not be required, pending verification that Radian's subcontract lab did not blank-correct data. Agreement is reached on MDL's. Groundwater resampling (method 8080 only) is scheduled for late Jan.