

FAX TRANSMITTAL SHEET49TH CIVIL ENGINEER SQUADRON

Environmental Flight

Holloman AFB, New Mexico



To: Stephanie Kruse, 505-827-1558, x1544 fax
From: Jose Gallegos, DSN 572-5395, Fax x5080
Subject: Sewage Lagoon Closure (supporting docs)
Date: 14 Jan 00
Number Pages (Including This One): 10

Stephanie

I am faxing 3 items:

1. 4 Jun 97 Closure Plan Approval letter updating conditions (7 pages)
2. 1 May 97 letter re: SWMU 184, Wastewater Recirculation Line (1 page)
3. 1 page excerpt from a daily quality report indicating 2 manholes, 2 splitter boxes, and an outlet pipe at pond D were filled with concrete.

The recirculation line, manholes, and splitter boxes along with ponds A-G will be added to final drawing showing final elevations at the site.

If you have questions please give me a call.

Thanks,
Jose

~~17-92~~
COPY

01 MAY 1997

MEMORANDUM FOR NEW MEXICO ENVIRONMENT DEPARTMENT

Attn: Mr. Cornelius Amindyas
Hazardous & Radioactive Materials Bureau
P.O. Box 26110
Santa Fe NM 87502

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

SUBJECT: Recommendation of No Further Action (NFA) for Wastewater Recirculation Line

1. Holloman AFB (HAFB) is recommending NFA for Solid Waste Management Unit (SWMU) 184, the Wastewater Recirculation Line, located at the sewage lagoons. As you are aware, the sewage lagoons are undergoing final closure which involves the placement of a soil cover over Ponds A through F. SWMU 184, which is now inactive, is located adjacent to Pond B and will be incorporated into the final soil cover and revegetation activities. In addition, SWMU 184 will be plugged with concrete to further isolate it from any potential impacts. Therefore, although an NFA recommendation is requested, SWMU 184 will actually be incorporated into the final remediation activities underway at the sewage lagoons.
2. As part of the sewage lagoon closure activities, SWMU 184 can be identified and annotated in the design and specifications currently being prepared for the sewage lagoons. As requested by the New Mexico Environment Department, the entire sewage lagoon area will be maintained as restricted open-space, further limiting any potential contact with SWMU 184.
3. If you have any questions or suggestions regarding this NFA request, or require additional information, please contact Warren Neff at (505) 475-5395.

SIGNED
HOWARD E. MOFFITT
Deputy Base Civil Engineer

CEV Coord *[Signature]*
30 Apr 97

3. **Work Performed Today:** (Indicate location and description of work performed by prime and/or subcontractors. When network analysis is used, identify work by NAS activity number).

- ✓ Cut Pond B berm and place cut soil in central Pond B sludge.
- ✓ Aerate/dry sludge in north and central Pond B, and in Pond C.
- ✓ Load, haul, and place 69 truck loads of rubble into holes in Pond A.
- ✓ Apply water for dust suppression.
- ✗ Plug Pond D outlet pipe with concrete.
- ✗ Plug two splitter boxes with concrete.
- ✗ Plug two sewer manholes with concrete.
- ✓ Ongoing site preparation for final soil cover.

4. **Control Activities Performed:**

- | | |
|--------------------------|---|
| Preparatory Inspections: | Identify features of work and attach minutes. |
| Initial Inspections: | Identify features of work and attach minutes. |
| Follow-up Inspections: | List inspections performed, results of inspection compared to specification requirements, and corrective actions taken when deficiencies are noted. |

Setup satellite spill control facility at north end of Pond B, and improved main spill control facility at fuel storage area.

H₂S monitoring (data attached).

Dust monitoring using MiniRam (data attached).

5. **Tests Performed and Test Results:**

Identify test requirement by paragraph number in specifications and/or sheet number in plans.

✗ Monitored two sewer manholes prior to plugging with concrete. Both manholes had 0 ppm H₂S. Test sheets attached.

Mesa Verde Concrete Truck 1 (provided concrete for Pond D outlet pipe, two splitter boxes, and 0.5 CY for north sewer manhole). QCE tested for slump (3.0-inch measurement), and poured 4 cylinders for (1) 7-day compressive strength test, and (3) for 28-day compressive strength test. See Technical Specification 02060, Section 2.5, Concrete Plugging. Required Slump = 4-inch max. Slump Acceptable. Required 28-day compressive strength = 3000 psi min. Waiting on lab test results.

Mesa Verde Concrete Truck 2 (provided concrete for north sewer manhole). QCE tested for slump (2.75-inch measurement), and poured 4 cylinders for (1) 7-day compressive strength test, and (3) for 28-day compressive strength test. Required Slump = 4-inch max. Slump Acceptable. Required 28-day compressive strength = 3000 psi min. Waiting on lab results.

Mesa Verde Concrete Truck 3 (provided concrete for south sewer manhole). QCE tested for slump (3.5-inch measurement), and poured 1 cylinder for (1) 28-day compressive strength test. Required Slump = 4-inch max. Slump Acceptable. Required 28-day compressive strength = 3000 psi min. Waiting on lab results.

6. **Material Received:**

Note inspection results and storage provided.

Received three truck loads of concrete for plugging. See description of placement locations in Item 5.