MEMORANDUM

To: Cornelius Amindyas, Permitting Program
From: John Tymkowych, RCRA Enforcement Program
Subject: Closure Verification/Certification Inspection
Date: May 25, 1999

On May 4, 1999 Anna Maestas and Chris Serazio of my staff conducted a closure verification inspection on an Open Burn (OB) Unit at Holloman Air Force Base (HAFB).

The inspection was conducted to verify that physical closure activities at the OB have been completed in accordance with the closure plan. Upon review of the inspection, the OB area consisted of 4 small trenches each containing 300lb. capacity which had no visible contamination. However, one area of concern was the 6X18 scrap metal remains upgradient from the four small trenches. Our recommendation was to remove the scrap metal then test for possible contamination.

Certification of physical closure is contingent upon clean-up of the scrap metal. Please see attached photos of the area.

If you have any questions, please contact me at your convenience.

JT/AM

cc: Stu Dinwiddie, Permitting Program Manager
投保单要冲/121).1并 C)

ENTRY CONFERENCE


FACILITY NAME: HAFB

PARTICIPANTS:

<table>
<thead>
<tr>
<th>Name</th>
<th>Signature</th>
<th>Title</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Janet Martinez</td>
<td>Maestros</td>
<td>RCA Inspector</td>
<td>827-1831</td>
</tr>
<tr>
<td>Ann M. Tangen</td>
<td>Cpl. 1st</td>
<td>RCA Inspector</td>
<td>874-3425</td>
</tr>
<tr>
<td>Helen C. Villegas</td>
<td></td>
<td>Fala</td>
<td></td>
</tr>
<tr>
<td>Jose A. Gonzales</td>
<td></td>
<td>BP Element Chief</td>
<td>475-5395</td>
</tr>
<tr>
<td>John R. Poland</td>
<td>1st Sgt.</td>
<td>Chief, Guard Nat.</td>
<td>475-3931</td>
</tr>
<tr>
<td>James Moring</td>
<td></td>
<td>FUSEC</td>
<td>479-0572</td>
</tr>
<tr>
<td>George T. Fish</td>
<td></td>
<td>U.S. AEF</td>
<td>479-5559</td>
</tr>
<tr>
<td>Lt. Kurt E. Muller</td>
<td></td>
<td>Waste Control Mng.</td>
<td>475-3931</td>
</tr>
<tr>
<td>David J. Rizzuto</td>
<td></td>
<td>Env. Spec. Ins.</td>
<td>479-0576</td>
</tr>
</tbody>
</table>

- Present credentials
- Cite statutory authority to enter the site (HWA §74-4-4.3)
- Cite statutory authority to conduct inspection and obtain samples, including photographs (HWA §74-4-4.3)
- Specify the reason for and nature of the inspection
- Discuss objectives of and procedures for inspection, including identification of potential violations, and any sampling and photographs
- Schedule exit conference

Comments:
### INSPECTION PROTOCOL CHECKLIST

#### Exit Conference

- **Date:** 14/1999  
- **Time:** 14:50 PM  

#### Facility Name: HAFB

#### Participants:

<table>
<thead>
<tr>
<th>Name</th>
<th>Signature</th>
<th>Title</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fraser McEachin</td>
<td></td>
<td>RCC Inspector 832-1821</td>
<td></td>
</tr>
<tr>
<td>Chris Serrano</td>
<td></td>
<td>RCC Inspector 832-1821</td>
<td></td>
</tr>
<tr>
<td>Rodolfo Villegas</td>
<td></td>
<td>Facility Manager 475-3071</td>
<td></td>
</tr>
<tr>
<td>Howard Smith</td>
<td></td>
<td>Deputy Fire Chief 475-3071</td>
<td></td>
</tr>
<tr>
<td>John E. Peterson</td>
<td></td>
<td>Fire Chief 475-3071</td>
<td></td>
</tr>
<tr>
<td>Jose A. Quintero</td>
<td></td>
<td>Fire Chief 475-5395</td>
<td></td>
</tr>
</tbody>
</table>

#### Discussion of preliminary findings (apparent violations, areas of concern, other)

- [ ] Discussion of preliminary findings

#### Report compilation and review process

- [ ] Report compilation and review process

#### Anticipated timetable for final determinations

- [ ] Anticipated timetable for final determinations

#### Enforcement procedures and policy, including possible penalties

- [x] Enforcement procedures and policy, including possible penalties

#### Hazardous Waste Onsite Technical Assistance brochure

- [ ] Hazardous Waste Onsite Technical Assistance brochure

#### Comments:

- [ ] Comments: CV3
HRMB PHOTO SHEET

FACILITY: Holliman Air Force Base

PHOTO #: 1

DATE: 5/4/99

LOCATION: HAEB

Open Burn/Open Demolition

Object [UNIT/SITE #]

DESCRIPTION: Looking SSW. South

Post-Closure - RCRA

PHYSICAL INSPECTION PHOTO

View of Object Area's

1-3, Remediated w/ Burn Fill

VIOLATION: N/A

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PHOTO #: 2

DATE: 5/4/99

LOCATION: HAEB 08/20

Post-Closure Clearance

INSPECTION

DESCRIPTION: Photo View

45° to the left of #1

Area's of 1/2 former 08/20

Mixture of Silty Sands w/ Some

Well Graded Base Coarse Gravel

Bladed on Top of Cap Fill S, Edge

VIOLATION: N/A
<table>
<thead>
<tr>
<th>Photo #</th>
<th>Date</th>
<th>Facility</th>
<th>Location</th>
<th>Description</th>
<th>Violation</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>5/4/99</td>
<td>Holliman AFB</td>
<td>HAFB (08/28)</td>
<td>Photo view = 45° to left #2 (east view) of OB/OD former units /2</td>
<td>N/A</td>
</tr>
<tr>
<td>4</td>
<td>5/4/99</td>
<td>Holliman AFB</td>
<td>HAFB (08/28)</td>
<td>Photo view = 45° to left #3 (view of OB/OD former trench units /2</td>
<td>N/A</td>
</tr>
</tbody>
</table>
HIAB PHOTO SHEET

FACILITY: HAFB
PHOTO #: 5
DATE: 5/4/99
LOCATION: HAFB

DESCRIPTION:

PHOTO VIEW = 45°
TO LEFT #4 (LOOKING APPROX. NORTH) IN AREA #3 TRENCH OF FORMER OB/OD

VIOLATION: N/A

PHOTO #: HAFB #6
DATE: 5/4/99
LOCATION: OB/OD POST CLOSURE INSPECTION

DESCRIPTION:

PHOTO VIEW = 45°
TO LEFT #5, VIEW NW
6 WHERE OB/OD TRENCH #3 WAS LOCATED

VIOLATION: N/A
FACILITY: HAEB

PHOTO #: 7

DATE: 5/4/99

LOCATION: OB/OD POST CLOSURE CLEARANCE INSPECTION

DESCRIPTION: PHOTO VIEW 45° TO LEFT #6, WEST EDGE OF REMEDIATED TRENCH AREAS. SCRAP PILE LOCATED ABY. UP-GRADIENT AREA.

VIOLATION: SCRAP PILE NEEDS TO BE REMEDIATED FROM AREA UP-GRADIENT TO PREVENT POSSIBLE SOIL EROSION TO CLERGED UNITS.

PHOTO #: 8

DATE: 5/4/99

LOCATION: OB/OD POST CLOSURE CLEARANCE INSPECTION

DESCRIPTION: PHOTO VIEW 100° 36' S OF FORMER/TRENCH AREA #4 (VIEW N TO S)

VIOLATION: N/A
FACILITY: HAFB
PHOTO #: 9
DATE: 5/4/99
LOCATION: OBJ/OD POST-CLOSURE
CLEARANCE INSPECTION

DESCRIPTION: TRENCH AREA #4
W/CLEAN FILL, LOCATED EAST OF TRENCH UNIT 13

VIOLATION: N/A

PHOTO #: 10
DATE: 5/4/99
LOCATION: OBJ/OD POST-CLOSURE

DESCRIPTION: VIEW OF ACCESS ROAD BETWEEN FORMER OBJ/OD TRENCH AREAS #1-9
LOOKING TO EAST TOWARDS #4

VIOLATION: N/A
FACILITY: HAFB

PHOTO #: 11

DATE: 5/4/99

LOCATION: ADJACENT UP-GRADIENT AREA TO FORMED MVE/UR UNITS 1-3

DESCRIPTION: SCRAP METAL PILE REMOVED FROM TRENCH UNITS REMEDIATED ALREADY

VIOLATION: SCRAP METAL PILE TO BE CLEANLY W/PHOTO'S TO VERIFY ALONG W/SOIL SAMPLES (IF PERMIT MGR. REQUESTS)

PHOTO #: 12

DATE: 5/4/99

LOCATION: VIEW OF SCRAP METAL WASTE PILE LOCATED UP-GRADIENT OF FORMER MVE/UR UNITS 1-3 W/4 IN SPEED

DESCRIPTION: SCRAP METAL W/ NO BERM AROUND IT TO PREVENT RUN-OFF TO DOWN-GRADIENT REMEDIATED OIL/GAS TRENCH AREA

VIOLATION: SCRAP PILE TO RECYCLE OR SCRAP/YD. OR PUT A SUFFICIENT BERM AROUND FOR RUN-OFF CONTROL.
View of area looking Northwest from the thermal decontamination unit
View of area looking Southeast towards thermal decontamination unit