



DEPARTMENT OF THE ARMY
HEADQUARTERS, U. S. ARMY GARRISON COMMAND
1733 PLEASANTON ROAD
FORT BLISS, TEXAS 79916-6816

REPLY TO
ATTENTION OF:

Directorate of Environment

Mr. Benito Garcia
New Mexico Environment Department
Hazardous and Radioactive Materials Bureau
2044 Galisteo
P.O. Box 26110
Santa Fe, NM 87502



Dear Mr. Garcia:

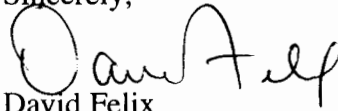
Please find enclosed copies of the following documents for regulatory review.

1. Work Plan Letter for Supplemental RCRA Facility Investigation of the McGregor Range Former Fire Training Area (SWMU-21) and The Inactive Waste Drum Storage Area (SWMU-22) dated September 1998.
2. Subsurface Investigation of the New Mexico Oxidation Lagoons (SWMU No's 19, 25B, 27B) Fort Bliss, Texas dated July 1998.
3. RCRA Facility Assessment Work Plan Hueco Range Camp, Fort Bliss, New Mexico dated May 1998.
4. RCRA Facility Investigation New Mexico SWMU's - Phase 2 SWMU 20, Fort Bliss Texas and New Mexico dated April 1998.
5. Relative Risk Site Evaluation Inactive Doña Ana Range / Detonation Area SWMU 26, Fort Bliss, Texas dated April 1998.

Submission of some of these documents was delayed after consultation with Mr. Steve Pullen because of the possibility that some of the documents might be more efficiently reviewed by NMED if they were combined and submitted under the proposed Fee Regulation. The length of time required for rule making, however, has surpassed original expectations. As a result, Fort Bliss wishes to submit these documents for review at this time in order to ensure program continuity. Furthermore, as a means to cross check our records for completeness, Fort Bliss respectfully requests an inventory of all Fort Bliss RCRA corrective action documents currently before the NMED HRMB.

If you have any questions or concerns please do not hesitate to contact Mr. Kelly Blough at (915) 568-7979 or by E-mail at bloughk@emh10.bliss.army.mil.

Sincerely,

A handwritten signature in black ink that reads "David Felix". The signature is written in a cursive style with a large initial "D" and "F".

David Felix

Chief, Multimedia Compliance Div., DOE

Enc.

cc Ms. Julie Jacobs, NMED GWPB (w/ enclosure)
Mr. David Neleigh, EPA Region VI
File



Roy F. Weston, Inc.
Suite 700
5599 San Felipe
Houston, Texas 77056-2721
713-621-1620 • Fax 713-621-6959

 **ENTERED**

21 September 1998

Mr. Rick Smith, CESWT-EC-DC
Engineering and Construction Division
Tulsa District, Corps of Engineers
1645 South 101st East Avenue
Tulsa, OK 74128

RE: Task No. 1.1 - Preparation of Pre-Work Plans
Contract DACA56-96-D-0011, D.O. No. 0027
McGregor Range RFI
Fort Bliss, New Mexico

Dear Mr. Smith:

In response to Section 2.1 of the United States Army Corps of Engineers (USACE) Scope of Work dated 27 April 1998, Roy F. Weston, Inc. (WESTON®) has prepared this letter of understanding to serve as the work plan for the Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) for the McGregor Range Former Fire Training Area and the Inactive Waste Drum Storage Area. These two Solid Waste Management Units (SWMUs) are located at McGregor Range Camp, Fort Bliss, New Mexico. The objective of the RFI is to define the nature and extent of potential contamination associated with historic activities at the two SWMUs cited for closure. Sampling activities for the RFI will be performed in general accordance with the USACE approved Final Work Plan for the Part B Permit Open Detonation Treatment Unit (Work Plan) (WESTON, 1995).

This letter of understanding outlines the sampling strategies and analytical approach that will be implemented to complete the RFI at the above mentioned sites.

BACKGROUND

Historical sampling activities have revealed the presence of petroleum hydrocarbons and some metals in the surface and near surface soils at the site (ESE, 1991 and USACE, 1997). The site refers to the fire training area (SWMU 21) and the former drum storage area (SWMU 22) at McGregor Camp. The former fire training area is inclusive of the vehicle burn area and the fixed wing burn area.

Several soil borings were completed during the historical sampling events, and site related constituents were not reported below a depth of 3 feet. Upon completion of the RCRA Facility



FB 99-003

LIBRARY COPY

 ENTERED

Work Plan Letter for Supplemental RCRA Facility Investigation
of the McGregor Range Former Fire Training Area (SWMU-21)
and The Inactive Waste Drum Storage Area (SWMU-22)

September 1998

Fort Bliss, Texas and New Mexico



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21 September 1998
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Investigation Report (ESE, 1991), the New Mexico Environment Department (NMED) issued a response to Fort Bliss requiring definition of the extent of contamination at the site.

FIELD ACTIVITIES

The scope of work for the supplemental RFI at SWMUs 21 and 22 was developed based on the results of previous investigations to evaluate the extent of site related contaminants. Preliminary sampling locations have been selected as shown on Figure 1, and these may be adjusted in the field as necessary. A summary of the planned activities are listed below.

- Near-surface soil samples will be collected between 6 and 18 inches below ground surface (bgs) at 14 locations.
- Subsurface soil samples will be collected between 24 and 30 inches bgs at six locations.
- Quality Assurance and Quality Control and (QA/QC) samples will be collected at a rate of at least 10% of the total number of samples collected.
- Sample locations will be measured from existing site structures for future identification.

ANALYTICAL APPROACH

All samples will be submitted to Recra Labnet Chicago for the following laboratory analyses:

- Three RCRA metals (Lead, Cadmium, and Mercury) analyzed by Methods 6010 and 7471 (Mercury)
- Total Petroleum Hydrocarbons by Method 8015M (Diesel and Gasoline Range Organics—DRO/GRO)

In addition, six soil samples will be submitted for the following laboratory analyses:

- Semi-Volatile Organic Compounds (SVOCs) by Method 8270
- Volatile Organic Compounds (VOCs) by Method 8260

As previously mentioned, all work associated with the RFI will be performed in general accordance with the Open Detonation Treatment Unit Work Plan and its components which include the Health and Safety Plan, the Sampling and Analysis Plan, the Chemical Data



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Acquisition Plan, and the Investigation Derived Waste Plan. The Health and Safety Plan will be revised to account for the planned activities and a revised copy can be provided upon request.

I hope that the information provided in this letter is sufficient for your use as a Work Plan Addendum. As requested, we are planning to initiate and complete the field sampling activities during the week of 21 September 1998. Laboratory results are expected within approximately four weeks after completion of the sampling activities, and a draft report should be ready for review near the end of November 1998. Please do not hesitate to call Tom Hoskings or me if you have any questions or comments.

Very truly yours,

ROY F. WESTON, INC.

A handwritten signature in black ink that reads "Greg S. Braddy". The signature is fluid and cursive, with a large initial "G".

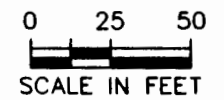
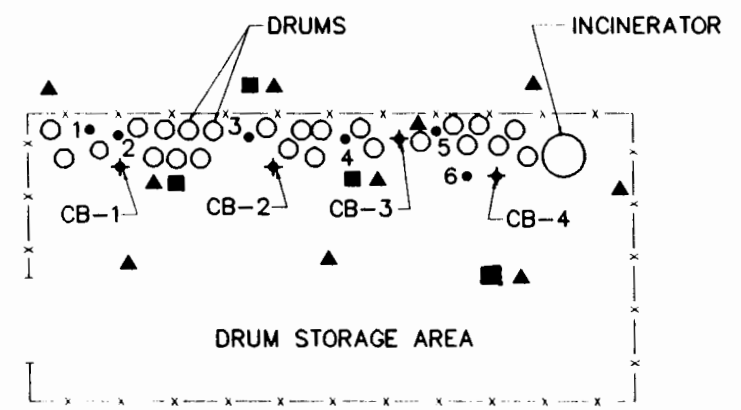
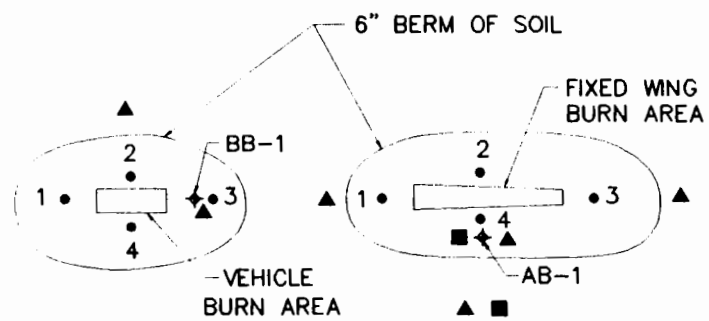
Greg S. Braddy, P.G.
Project Manager

GSB/tab

cc: Kelly Blought—Ft. Bliss DOE



◆ BACKGROUND BOREHOLE (LOCATION APPROX.)



LEGEND:

- ◆ DEEP BORING (>10') (ESE, 1991)
- SURFACE SAMPLE (ESE, 1991)
- ▲ NEAR SURFACE SOIL SAMPLE (6-18")
- DEEPER SOIL SAMPLE (24-30")

SOURCE: RCRA FACILITY INVESTIGATION REPORT, ESE, 1991.

WESTON.
DESIGNERS/CONSULTANTS

FIGURE 1
FORT BLISS
McGREGOR RANGE
FIRE FIGHTING TRAINING RANGE
SWMU 21A, 21B, AND 21C
SAMPLE LOCATION MAP
EL PASO, TEXAS

DATE SEP 98	PROJECT NO. 03886189001	SCALE NOT TO SCALE
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