



DEPARTMENT OF THE AIR FORCE

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

10 AUG 1994



MEMORANDUM FOR DISTRIBUTION (Attachment 1)

FROM: 49 CES/CEVR

SUBJECT: Technical Review Committee (TRC) Meeting

1. Place: 49th Fighter Wing Conference Room, Building 29
2. Time: 1300, 7 July 1994
3. Chairman: Col James W. Bailey III
4. Attendance:

Col J. W. Bailey III (Chairman)

Col M. Anthony

Col W. Huyghe

Col N. Davis

Col T. McGoldrick

LtCol T. Atkinson

Maj E. Shellner

Capt J. Jump

SMSgt K. Harrison

MSgt M. Ward

Howard E. Moffitt

Steve Pullen

Tom Holcomb

Dr Fred Fisher

Jerry McDermott

Dan King

Tim O'Donnell

Gordon Ewing

David Dentino

John Decker

Ron Stirling

Sara Brothers

Craig Olson

Bill Kitto

Lowell Seaton

Richard Fry

Randy Louvier

Robert Johnson

49 FW/CV

49 SUG/CC

49 MDG/CC

49 MMG/CC

49 FW/CCN

49 FW/JA

49 FW/PA

49 CES/CEV

49 LSS/LGQE

49 SPS/SPA

49 CES/CD

NMED

Radian

49 CES/CEV

49 FW/SEG

49 OSS/OSIA

49 CES/CEV

Messilla Valley Aubudon

HQ ACC/CEVR

EBASCO Environmental

USACE, Omaha District

Ground Water Technology

USACE, Omaha District

EBASCO Environmental

US EPA, Region VI

46 TG/XP

49 CES/CEV

49 CES/CEV

5. Howard Moffitt opened the meeting by introducing Col James W. Bailey III, 49 FW Vice Commander, as chairman and then turned the meeting over to Mr Warren Neff, the Remedial Program Manager for Holloman's Installation Restoration Program (IRP).

6. Mr Neff gave a general breakdown of how IRP works and a brief overview of the steps gone through to evaluate site cleanup of "past sins": a) Preliminary Assessment/Site Inspection (PA/SI) initial discovery of sites through site visits, sampling, records search and interviews with employees; b) Remedial Investigation /Feasibility Study (RI/FS) determines nature and extent of contamination, with a more comprehensive study of soil and groundwater to evaluate potential threats to human health and the environment; c) Remedial Design/Remedial Action (RD/RA) is the actual design and construction of a remedial system; d) Site Closeout/No Further Action (SC/NFA) occurs when either the site is deemed to pose no risk or the risk posed by the site has been removed through remediation and no further action can be recommended.

7. Mr Neff then gave a status report of the 59 IRP sites. By the end of FY94: 6 sites will be in the PA/SI stage, 11 will be in the RI/FS stage, 8 will be in the RD/RA stage, and 34 will be closed out.

8. Mr Neff explained that the Resource Conservation and Recovery Act (RCRA) Corrective Action Program parallels IRP but is a larger program. He further explained that since Holloman requested a RCRA permit for hazardous waste management operations, a Hazardous and Solid Waste Amendments (HSWA) permit was issued to Holloman which required the base to follow RCRA guidelines for those sites identified by the EPA for corrective action. A RCRA Facility Assessment (RFA) was conducted by the Environmental Protection Agency (EPA) contractor A.T. Kearny in 1988. Based on the RFA, 229 Solid Waste Management Units (SWMUs) were identified. Of these 229, 118 were recommended for further investigation and were placed in Holloman's HSWA permit. These 118 SWMUs were broken down within the permit into three tables, with Table 1 being the highest priority, based on potential threat to human health and the environment. Most Table 1 SWMUS's are also IRP sites. A RCRA Facility Investigation (RFI) has been conducted, or will be conducted, on each site listed in the permit tables. If the RFI indicates that a threat exists at a site, a Corrective Measures Study (CMS) is conducted to evaluate potential remedies and subsequently select a remedial alternative. Corrective Measures Implementation (CMI) follows the CMS and involves the construction of the selected remedial technology. If, during the RFI stage, the site is deemed to pose no threat, or after completion of the CMI the site no longer poses a threat, the site is recommended for site closeout/no further action (SC/NFA).

9. Mr Neff presented the status of the RCRA corrective action program: 86 SWMUS are in the RFI stage with 20 of the 86 sites being both IRP and SWMU sites; 12 sites are in the CMS/CMI stage with 10 of these sites being both IRP and SWMU sites; and 20 sites are in the SC/NFA stage with all 20 sites being both IRP and SWMU sites.

10. Mr Neff introduced a new concept in contracting known as the Total Environmental Restoration Contract (TERC). Three \$150M indefinite delivery TERC's were awarded through the USACE, Omaha District. Three bases were selected as TERC "anchor bases": Holloman, Shaw, and Ellsworth. Under the TERC, one contractor does every phase of investigation and remediation. This saves time and money. Using the BX Service Station (IRP Site SS-17) as an example, Mr Neff explained that over the life of the project, over \$500K and six years could have been saved. On 5 Apr 94, a TERC partnering meeting was held in Dallas, TX. All attendees at the meeting agreed to the concept of the TERC and signed a charter to establish a partnering relationship. An execution meeting was held on 1 Jun 94 in Omaha, NE. Attendees included personnel from HQ ACC/CEV, Shaw AFB, Ellsworth AFB, Holloman AFB, USACE, Omaha District, as well as the TERC contractors. Based on the outcome of the execution meeting, Holloman will receive \$9 million for IRP and RCRA corrective action projects. EBASCO Environmental is the TERC contractor for Holloman.

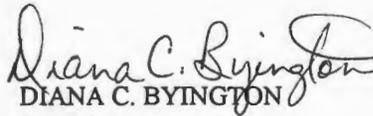
11. Mr Neff introduced the nine member TERC team:

Steve Pullen/NMED
Craig Olson/COE of Omaha
Bill Kitto/EBASCO
Dave Dentino/HQ ACC
Sara Brothers/ GTI

Tom Holcomb/Radian
Ron Stirling/COE of Omaha
Lowell Seaton/US EPA
John Decker/EBASCO

12. Mr Neff stated that in response to a Federal Facility Environmental Restoration Dialog Committee, Keystone Report there will be a major change from the Technical Review Committee (TRC). The Air Force established a policy to convert the TRC to a Restoration Advisory Board (RAB). Each Air Force installation will have a RAB. The goal of the RAB is to provide direct contact with the community and enhance public participation in IRP actions. The changes involved in this transition will be: quarterly evening meetings in the Alamogordo Civic Center; announcing these meetings, open to the public, in the local newspaper; establishing co-chairmanship; and soliciting board membership. The time table for this transition is: 1 Sep 94 - solicit board members; 15 Oct 94 - board members sign charter (developed by CEV and reviewed by 49 FW/JA and HQ ACC/JA); 15 Nov 94 - agenda setting meeting; Dec 94 - first board meeting.

13. Col James Bailey's closing comments were that he was encouraged by what he had seen. CEV's proactive prevention is significant and impressive. General Miller's desire is to go as fast, hard, and heavy as we can go. He is looking forward to the transition to RAB and the better solutions that will be the result of having others involved.


DIANA C. BYINGTON
Recorder

Attachments:

1. Distribution List
2. Meeting Agenda
3. IRP Program Overview
4. Status of 59 IRP Sites
5. RCRA Corrective Action
6. RCRA Corrective Action Program
7. Status of SWMU's
8. TERC Contract
9. TERC Contract Status
10. Restoration Advisory Board
11. Restoration Advisory Board (con't)
12. Restoration Advisory Board (con't)
13. Summary of IRP Program

Approved as written:


JAMES W. BAILEY III
Colonel, USAF
Vice Commander

Distribution List

Holloman Air Force Base:

49 FW/CC
49 FW/JA
49 FW/SE
49 OG/CC
49 LG/CC
49 SPTG/CC
49 MG/CC
49 BBSG/CC
49 OSS/OSSTA
49 CES/CEV
49 SPS/CC
49 CS/CC
4 SWS/CC
46 TG/CC
46 TG/SE
DRMO/YDM
USACE/CESWA-CO-HM
Army Air/STEWS-SS
DynCorp/Land-Air
DynCorp/Radar Services
HSD DynCorp
EG&G

Off base:

HQ ACC/CEVR
129 Andrews Street, Suite 102
Langley AFB, VA 23665-2769

Mr Clent Bailey
US Fish and Wildlife Service
3530 Pan American Hwy, NE
Albuquerque, NM 87107

New Mexico Environment Department
Surface Water Quality Bureau
1190 St Francis Drive
Santa Fe, NM 87502

Honorable Dan King
Mayor of Alamogordo
City Hall, P.O. Box 129
Alamogordo, NM 88310

Honorable Diana Duran
917 Indigo Loop
Alamogordo, NM 88310

Honorable Mario Torrez
616 10th Street
Alamogordo, NM 88310

Mr Robert Myers
US Geological Survey
Water Resources Division
Dept 3167, P.O. Box 30001, NMSU
Las Cruces, NM 88003-0001

Mr Gunther Diehl
New Mexico Environment Department
411 E. 10th Street
Alamogordo, NM 88310

Ms Yvette McKenna (ATZC-DOE-M)
U.S. Army Defense Artillery Center
Fort Bliss, TX 79734-0400

Mr David Morgan
New Mexico Environment Department
Groundwater Protection and
Remediation Bureau
1190 St Francis Drive
Santa Fe, NM 87502

Honorable David Townsend
2607 St Andrews Court
Alamogordo, NM 88310

Mr John Pittenger
New Mexico Game and Fish Department
State Capitol, Villagra Building
P.O. Box 25112
Santa Fe, NM 87504

Mr Steve Pullen
New Mexico Environment Department
Hazardous and Radioactive Materials Bureau
525 Camino de Los Marquez
Santa Fe, NM 87502

Mr Bill Fuchs
White Sands National Monument
P.O. Box 458
Alamogordo, NM 88310-0478

Mr Scott Ludwig
Bureau of Land Management
1800 Marquess
Las Cruces, NM 88005

Mr Thomas W. Merlan
State Historic Preservation Officer
228 Villa Riveria, Room 101
Santa Fe, NM 87503

Mr Bob Barnett
President, NM Wildlife Federation
121 No Name Road
Dexter, NM 88230

Mr Hector Magallanes. (STEWS-ES-E)
U.S. Army White Sands Missile Range
White Sands Missile Range, NM 88002-5076

Mr Lowell Seaton
U.S. EPA
First Interstate Bank Tower
1445 Ross Ave
Dallas, TX 75202

Ms Mary Schmitt
Alamogordo Public Library
920 Oregon Avenue
Alamogordo, NM 88310

Dr Gordon Ewing
Mesilla Valley Audobon Society
P.O. Box 3127 UPB
Las Cruces, NM 88001

New Mexico State University
Fishery and Wildlife Sciences Dept
P.O. Box 4901
Las Cruces, NM 88003

Ms Gwen Wardwell
President, Rio Grande Chapter
Sierra Club
P.O. Box 9191
El Paso, TX 79983



TECHNICAL REVIEW COMMITTEE

Agenda

-  **IRP OVERVIEW**
-  **IRP STATUS**
-  **RCRA CORRECTIVE ACTION STATUS**
-  **TERC STATUS**
-  **RESTORATION ADVISORY BOARD (RAB)**



TECHNICAL REVIEW COMMITTEE

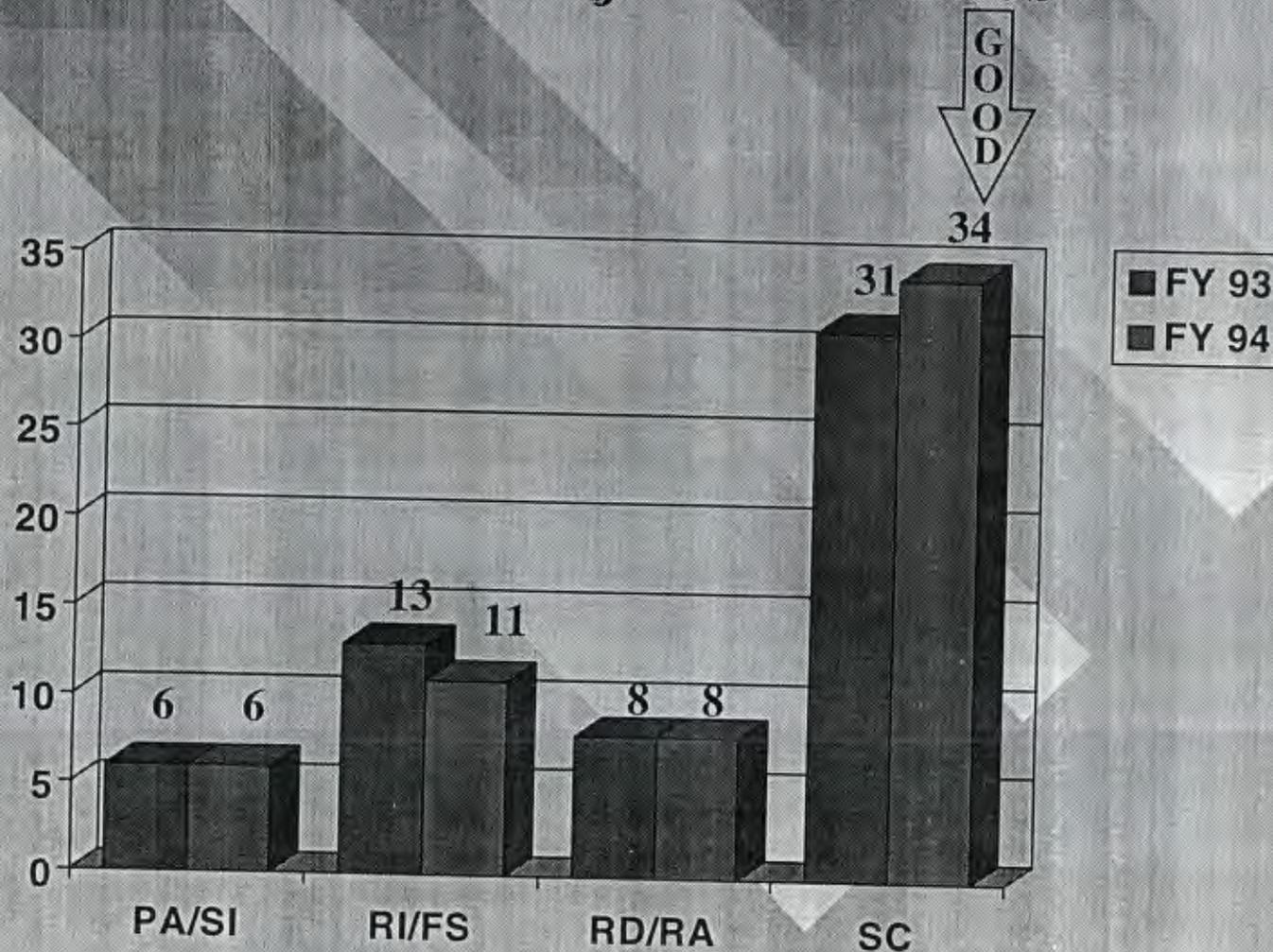
Installation Restoration Program

-  **Preliminary Assessment/Site Inspection (PA/SI)**
-  **Remedial Investigation/Feasibility Study (RI/FS)**
-  **Remedial Design/Remedial Action (RD/RA)**
-  **Site Closeout/No Further Action (SC/NFA)**



TECHNICAL REVIEW COMMITTEE

Status of 59 IRP Sites





TECHNICAL REVIEW COMMITTEE

RCRA Corrective Action



Hazardous and Solid Waste Amendments (HSWA) Permit

- Part of RCRA Part B Permit
- HSWA Permit has 3 Tables--118 Solid Waste Management Units (SWMUs)
- Tables Each Contain Approximately 40 SWMUs
- Table 1 SWMUs--Highest Priority



TECHNICAL REVIEW COMMITTEE

RCRA Corrective Action Program



RCRA Facility Assessment (RFA)



RCRA Facility Investigation (RFI)



Corrective Measures Study (CMS)



Corrective Measures Implementation (CMI)

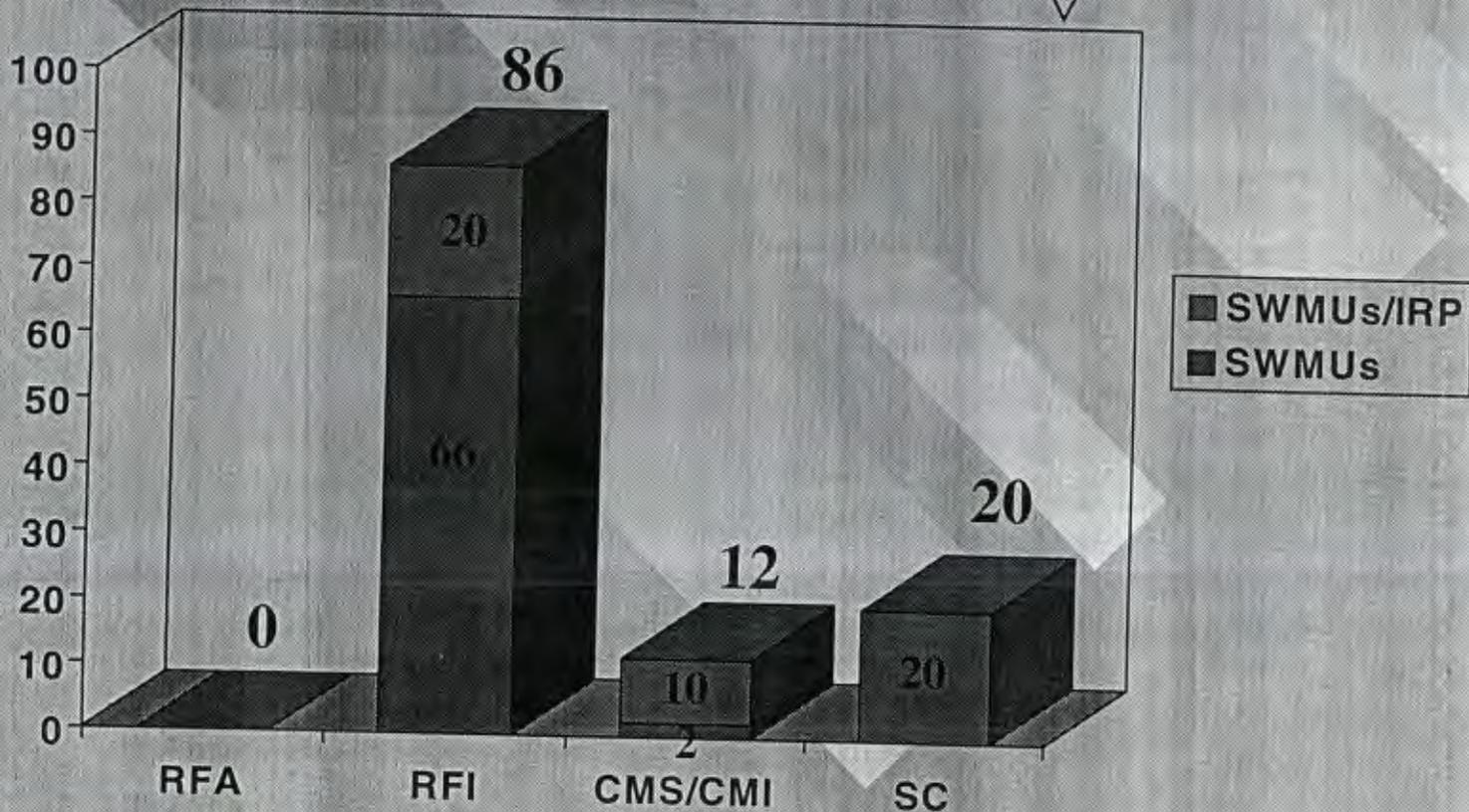


Permit Modification/Site Closeout (SC)



TECHNICAL REVIEW COMMITTEE

Status of SWMUs





TECHNICAL REVIEW COMMITTEE

Total Environmental Restoration Contract (TERC)

-  **TERC Contract-Cornerstone Air Force Accelerated Cleanup Program (ACP)**
-  **EBASCO Environmental - Won HAFB \$150M TERC**
-  **TERC "Team"--**
 - EPA Region VI
 - NMED
 - HQ ACC
 - USACE (Omaha, Albuquerque, HAFB)
 - EBASCO



TECHNICAL REVIEW COMMITTEE

Total Environmental Restoration Contract (TERC) Status

-  **TERC Partnering Meeting-- Held 5 April in Dallas**
-  **TERC Execution Meeting-- Held 1 June in Omaha**
-  **Outcome of Meeting--\$9M Will Be Awarded at HAFB**



TECHNICAL REVIEW COMMITTEE

Restoration Advisory Board

-  **Keystone Report--Recommended Expansion of TRC**
-  **Air Force--Established Policy to Convert TRC to RAB**
-  **Goal--Enhance Public Participation in IRP Actions**
-  **RAB Will Fulfill All Legal Requirements Under TRC**
 - CERCLA (1980)
 - SARA (1986)



TECHNICAL REVIEW COMMITTEE

Restoration Advisory Board (Contd.)



Includes Community Leaders



Changes Involved

- Co-Chaired
- Membership of 10-20 People
- Charter Will Be Signed by RAB Board Members
- Quarterly Meetings in Local Community



TECHNICAL REVIEW COMMITTEE

Restoration Advisory Board (Contd.)



Conversion Goals

- Solicitation of Board Members--1 Sep 94
- Develop Charter--Legal Review--15 Oct 94
- Formulation Meeting--15 Nov 94



First Board Meeting--Dec 1994



TECHNICAL REVIEW COMMITTEE

Summary

-  **34 Sites Closed Out--5 More Sites This Year**
-  **RCRA Corrective Action--20 SWMUs Closed Out**
-  **TERC Contract--\$9M in Projects at Holloman in FY94**
-  **RAB Conversion Will Begin in July--6 Month Process**
-  **First RAB--December**