



KELLY AFB
TEXAS

ADMINISTRATIVE RECORD
COVER SHEET

AR File Number 3232

Kelly Restoration Advisory Board (RAB)

Special RAB Meeting Agenda*

June 14, 2005, 6:30 p.m.

485 Quentin Roosevelt, Room 723

- | | | |
|--------------------|--|--|
| 6:30 - 6:40 | Introduction
A. Agenda Review
B. Packet Review | Dr. David Smith |
| 6:40 - 7:40 | Administrative
A. Appointments/Subcommittees
i. Executive Committee
ii. TRS
iii. Operating Procedures
iv. Parliamentarian
B. Health Concerns
C. Contact Information
D. Mr. Phil Bynum | Mr. Adam Antwine/
Mr. Robert Silvas |
| 7:40 - 8:00 | Update on AFRPA Projects | Mr. Don Buelter |
| 8:00 - 8:10 | Question & Answer Session on the Update on AFRPA Projects | Dr. David Smith |
| 8:10 - 8:20 | TAPP Update | Ms. Sonja Coderre |
| 8:20 - 8:25 | Question & Answer Session on the TAPP Update | Dr. David Smith |
| 8:25 - 8:30 | Meeting Wrap-up | |
| | Next RAB Meeting
485 Quentin Roosevelt, Room 723: July 19, 2005, 6:30 p.m.* | |
| | Next TRS Meeting
485 Quentin Roosevelt, Room 723: August 9, 2005, 6:30 p.m.* | |
| 8:30 | Adjournment | |

**Meeting dates, locations and agenda item times are subject to change.*

June 14, 2005
Kelly Restoration Advisory Board
Special Restoration Advisory Board (RAB) Meeting
485 Quentin Roosevelt, Room 732
San Antonio, Texas 78226

~~AB~~ **Draft Meeting Minutes**

RAB Community Member Attendees:

Mr. Robert Silvas, Community Co-chair
Mr. Mike DeNuccio
Mr. Rodrigo Garcia, Jr.
Ms. Coriene Hannapel
Ms. Henrietta LaGrange
Dr. Ruben Martinez
Mr. Armando Quintanilla
Mr. Michael Sheneman

RAB Government Member Attendees:

Mr. Adam Antwine, Installation Co-chair
Mr. Gary Martin, Greater Kelly Development Authority (GKDA)
Mr. Gary Miller, Environmental Protection Agency (EPA) Region VI
Ms. Melanie Ritsema, San Antonio Metropolitan Health District (SAMHD)
Mr. Mark Weegar, Texas Commission on Environmental Quality (TCEQ)

Other Attendees:

Ms. Gail Allery, Community Member
Ms. Robyn Buhidar, Community Member
Mr. Don Buelter, Air Force Real Property Agency (AFRPA)
Mr. Marc Carpuz, Community Member
Ms. Sonja S. Coderre, AFRPA/DC
Ms. Staci Eldivan, Community Member
Ms. Maricela Espinoza-Garcia, GKDA
Ms. Nancy Garcia, Community Member
Ms. Melissa Gil, Community Member
Ms. Delia T. Gonzalez, Community Member
Ms. Rosanne M. Gonzales, Community Member
Ms. Blanca Hernandez, Environmental Health and Wellness Center (EHWC)
Ms. Cassie Kalin, TCEQ
Ms. Linda Kaufman, EHWC
Mr. Rene Kensa, Community Member
Ms. Cheri Kirkpatrick, AFRPA Contractor
Ms. Kelley Kravitz, AFRPA Contractor
Ms. Norma Landez, AFRPA
Ms. Katrina Leonard, Community Member
Ms. Sidne Lord, Community Member

Ms. Cynthia Lopez, Community Member
 Ms. Heather Ramon-Ayala, AFRPA contractor
 Dr. David Smith, Facilitator

The meeting began at 6:41 p.m.

I. Introduction – Dr. David Smith

Dr. David Smith began the meeting by welcoming RAB members and other attendees.

Mr. Armando Quintanilla moved that RAB co-chairs call a press conference to make the community aware the National Environmental Justice Advisory Council (NEJAC) Report was released within 10 days of meeting. Mr. Michael Sheneman seconded the motion. The motion was voted on by the RAB, 8 for and none opposed.

Dr. David Smith asked the RAB if they would like to proceed to the updates and move the administrative section of the agenda to the end as RAB community co-chair Mr. Robert Silvas was running late. All agreed.

II. Update on AFRPA Projects – Mr. Don Buelter

Mr. Buelter gave a briefing on the AFRPA projects.

Question and answer session followed regarding the AFRPA projects.

III. TAPP Update – Ms. Sonja Coderre

Ms. Coderre gave a briefing on the TAPP budget and contracts.

Question and answer session followed regarding the TAPP Update.

IV. Administrative – Mr. Adam Antwine/Mr. Robert Silvas

A. Appointments/Subcommittees

i. Executive Committee

Mr. Robert Silvas asked members to volunteer. Volunteers included Mr. Rodrigo Garcia Jr., Ms. Esmeralda Galvan, Mr. Armando Quintanilla, and Ms. Henrietta LaGrange.

ii. TRS

Mr. Robert Silvas volunteered to co-chair.
 The committee was left for open membership

iii. Operating Procedures

Mr. Robert Silvas stated appointments will be made after the Department of Defense (DoD) proposed rule is finalized.

iv. Parliamentarian

Ms. Henrietta LaGrange volunteered to serve as parliamentarian.

B. Health Concerns

Ms. Kyle Cunningham recommended RAB members with health concerns visit the Environmental Network at Trinity University. She also invited RAB members to visit the Environmental Health and Wellness Center (EHWC) and undergo a health assessment.

RAB community members volunteered to work with the San Antonio Metropolitan Health District (SAMHD). These volunteers included Mr. Michael Sheneman, Mr. Armando Quintanilla, Ms. Henrietta LaGrange, Ms. Esmeralda Galvan, and Ms. Coriene Hannapel.

C. Contact Information

Ms. Esmeralda Galvan's phone number was corrected.
Mr. Michael Sheneman's phone number was corrected.

RAB members were provided with the contact information of the DoD Freedom of Information Act (FOIA) office.

D. Mr. Phil Bynum

Mr. Robert Silvas moved that Mr. Phil Bynum from TCEQ, give a presentation to the RAB on the Agent Orange Investigation he conducted. Ms. Henrietta LaGrange seconded the motion. The motion was voted on by the RAB, 7 for and none opposed.

V. Meeting Wrap-Up

Mr. Rodrigo Garcia Jr. moved that AFRPA provide a detailed report on the NEJAC report and how AFRPA will communicate the report to the public. Mr. Robert Silvas seconded the motion. The motion was voted on by the RAB, 7 for and none opposed.

Mr. Armando Quintanilla moved that GKDA brief the RAB on redevelopment leasing, properties cleaned, properties transferred, and cost of renting these properties. Ms. Henrietta LaGrange seconded the motion. The motion was voted on by the RAB, 7 for and none opposed.




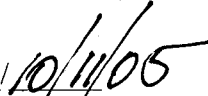
Mr. Armando Quintanilla moved that AFRPA provide a briefing on the Community Relations plan. Ms. Henrietta LaGrange seconded the motion. The motion was voted on by the RAB 7 for and none opposed.

VI. Meeting Adjournment

Mr. Michael Sheneman moved to adjourn the meeting. Ms. LaGrange seconded the motion. Motion carried.

The meeting adjourned at 9:30 p.m.

These minutes have been composed in accordance with Robert's Rules of Order as per the request of the RAB members.

			
Robert Silvas	Date	Adam Antwine	Date
Community Co-chair		Installation Co-chair	

Air Force Real Property Agency

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**Former Kelly Air Force Base
Restoration Advisory Board
14 June 2005**



485 Quentin Roosevelt Rd.
San Antonio, TX

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Air Force Real Property Agency

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**Restoration Update
Status –
14 June 2005**



Mr. Don Buelter, P.G.
AFRPA

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U.S. AIR FORCE

Outline of Topics

- **Restoration Projects for FY04 and FY05**
- **Site Closure Status of Soil Sites, SWMUs and Environmental Factors**
- **Status of Long Term Sites and Installation of Remedial Actions**
- **Plume Maps and Extent of Concentration**

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FY04 Environmental Restoration Projects

Description	Contractor	Cost	Completed?
Off-base PRBs	CH2M Hill, Shaw, GeoSierra	\$12,115,891	Summer 2005
Zone 2 PRB/Slurry Wall	HGL	\$3,945,000	Completed
O&M GWTP	SAIC	\$5,336,000	Completed
Site E-1	ECC	\$2,862,662	Completed
Compliance Plan Sampling	CH2M Hill	\$2,389,000	Completed
B326 Sanitary Sewer	Earth Tech	\$2,182,000	Summer 2005

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FY05 Environmental Restoration Projects

Description	Contractor	Cost	Completed?
O&M GWTP	SAIC, HGL	\$5,422,044	Dec 2005
Compliance Plan Sampling	CH2M Hill	\$2,255,500	Mar 2006

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Outline of Topics

- Restoration Projects for FY04 and FY05
- ***Site Closure Status of Soil Sites, SWMUs and Environmental Factors***
- Status of Long Term Sites and Installation of Remedial Actions
- Plume Maps and Extent of Concentration

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Soil Sites and SWMUs


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            graph LR
            RFI[RCRA Facility Investigation (RFI)] --> ICM[Interim Corrective Measure (ICM) (if required)]
            ICM --> CMS[Corrective Measures Study (CMS) (if required)]
            CMS --> SC[Site Closure (SC)]
            SC --> Ops[Operations]
            
```

- **Site Closure with Risk Reduction Rules**
- **Status Categories:**
 - ✓ Investigation
 - ✓ Closure Pending – SC Report submitted to TCEQ
 - ✓ Site Closure Pending Ecological Risk Assessment
 - ✓ Site Closure
- **Total number of sites = 324**
 - ✓ 90.5% of sites are closed or have closure pending
 - ✓ 1.5% of sites are being investigated
 - ✓ 8.0% of sites are involved in long term operations

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Zone 2 Site Status

U.S. AIR FORCE

	Investigation	Closure Pending	Closed	Operations Closed Pending Ecological Risk	Operations	Total
IRP Sites	0	0	3	9	4	16
Wash Racks	0	0	2	1	0	3
Radiation Sites	0	0	1	0	0	1
Waste Water Tanks	0	40	0	22	0	62
Oil Water Separators	0	0	5	8	0	13
Chemical Storage Areas	0	0	2	5	0	7
Other Compliance Sites	0	0	4	3	0	7

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Zone 3 Site Status

U.S. AIR FORCE

	Investigation	Closure Pending	Closed	Closed Pending Ecological Risk	Operations	Total
IRP Sites	0	0	5	1	4	10
Wash Racks	0	1	6	0	0	7
Radiation Sites	2	0	13	0	2	17
Waste Water Tanks	0	0	0	0	0	0
Oil Water Separators	1	0	11	0	1	13
Chemical Storage Areas	0	5	8	0	1	14
Other Compliance Sites	0	6	21	0	10	37

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Zone 4 Site Status

U.S. AIR FORCE

	Investigation	Closure Pending	Closed	Closed Pending Ecological Risk	Operations	Total
IRP Sites	0	0	2	0	2	4
Wash Racks	0	6	7	0	0	13
Radiation Sites	0	0	3	0	0	3
Waste Water Tanks	0	0	0	0	0	0
Oil Water Separators	0	0	8	0	0	8
Chemical Storage Areas	0	17	8	0	0	25
Other Compliance Sites	0	0	1	0	0	1

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Zone 5 Site Status

U.S. AIR FORCE

	Investigation	Closure Pending	Closed	Closed Pending Ecological Risk	Operations	Total
IRP Sites	0	0	3	0	2	5
Wash Racks	0	1	16	0	0	17
Radiation Sites	0	0	6	0	0	6
Waste Water Tanks	0	0	0	0	0	0
Oil Water Separators	2	1	13	0	0	16
Chemical Storage Areas	0	0	2	0	0	2
Other Compliance Sites	0	1	16	0	0	17

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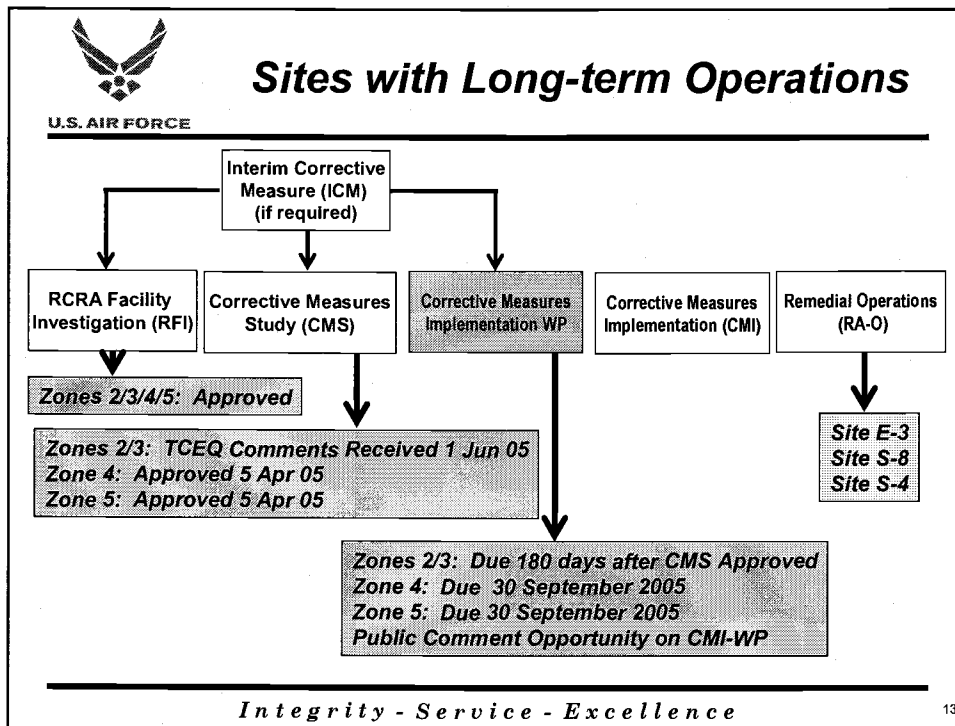
Outline of Topics

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- Restoration Projects for FY04 and FY05
- Site Closure Status of Soil Sites, SWMUs and Environmental Factors
- ***Status of Long Term Sites and Installation of Remedial Actions***
- Plume Maps and Extent of Concentration

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Zone 2 Treatment Systems

U.S. AIR FORCE

Selected Alternative	~ Cost	Installed?
Site E-3 – Soil Vapor Extraction / Pump and Treat	\$1,700,000	Installed
Bldg. 522 – Soil Vapor Extraction	\$350,000	Installed
Bldg. 522 – Enhanced Bioremediation		FY07
Northbank – Permeable Reactive Barrier	\$3,945,000	Installed
Site E-1 – Excavation / Enhanced Bioremediation	\$2,862,000	Installed
Site E-1 – Pump and Treat	\$1,500,000	Installed

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Zone 3 Treatment Systems

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Selected Alternative	~ Cost	Installed?
Bldg. 360 – Permeable Reactive Barrier	\$3,500,000	Installed
Bldg. 301 – Permeable Reactive Barrier	\$1,500,000	Installed
Site MP – Slurry Wall / Pump and Treat	\$3,200,000	Installed
Site S-8 – Bioventing / Pump and Treat	\$1,400,000	Installed
Site S-4 – Pump and Treat	\$1,700,000	Installed
Bldg. 360 – Soil Vapor Extraction and Enhanced Bioremediation		FY07
Bldg. 301 – Enhanced Thermal Extraction		FY07
Bldg. 348 – Soil Vapor Extraction		FY07
Bldg. 324 – Soil Excavation		FY07

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Zone 4 Treatment Systems

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Selected Alternative	~ Cost	Installed?
Horizontal Wells along East Kelly Boundary	\$4,400,000	Installed
SS051 Source – Enhanced Bioremediation	\$400,000	Installed
Commercial Street Permeable Reactive Barrier	\$10,750,000	Installed
Malone St. (UPRR) Permeable Reactive Barrier		Summer 2005

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Zone 5 Treatment Systems

Selected Alternative	~ Cost	Installed?
Plume A – PRB – B1530	\$1,500,000	Installed
Plume A – Enhanced Bioremediation	\$300,000	Installed
Plume B – 34 th Street PRB	\$1,400,000	Installed
Plume C – Excavation, SVE and P&T	\$1,790,000	Installed
Plume D – Enhanced Bioremediation	\$300,000	Installed
Plume F – MNA	\$0	Installed
Plume H – MNA	\$0	Installed
Plume J – MNA	\$0	Site Closed
Plume K – MNA	\$0	Installed

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Outline of Topics

- Restoration Projects for FY04 and FY05
- Site Closure Status of Soil Sites, SWMUs and Environmental Factors
- Status of Long Term Sites and Installation of Remedial Actions
- *Plume Maps and Extent of Concentration*

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Annual Groundwater Sampling

- Sampled over 450 monitoring wells on and off-base
 - Samples collected between April – June
 - Over 90% of wells are sampled year to year
- Samples from *each well* are sent to a laboratory for analysis of a broad range of chemicals including:
 - VOCs: 27 volatile organic compounds
 - SVOCs: 32 semi-volatile organic compounds
 - 16 metals, cyanide, pesticides and polychlorinated biphenyls (PCBs)

(Pests/PCBs - Zones 1 & 2 only)

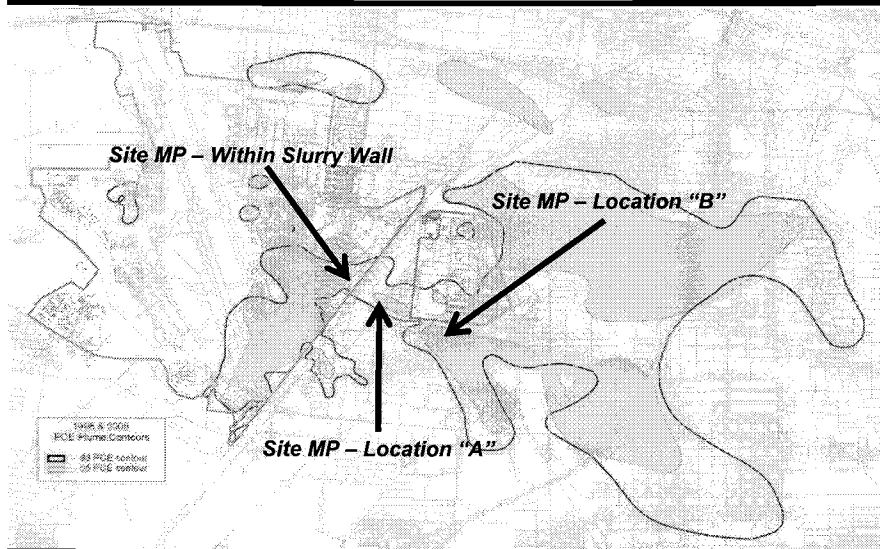
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PCE Extent – 1998 and 2004 Data



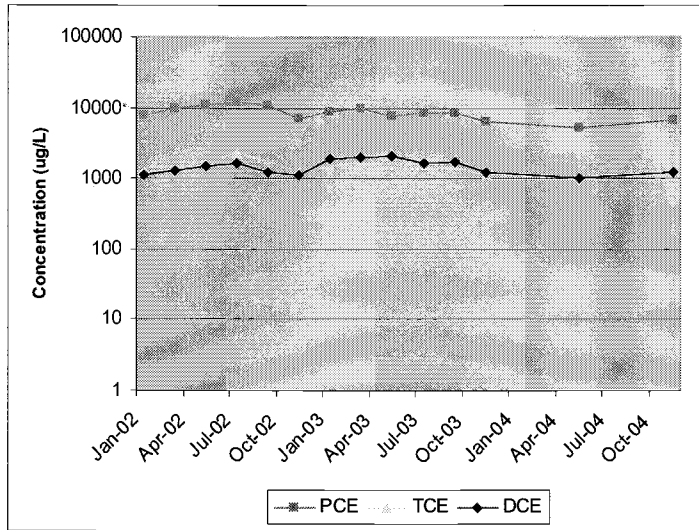
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Site MP – Within Slurry Wall



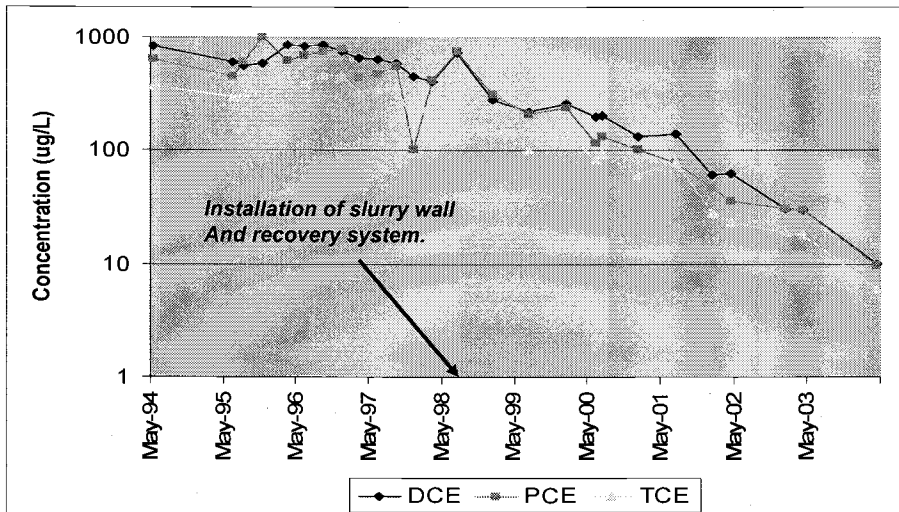
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Site MP – Location "A"



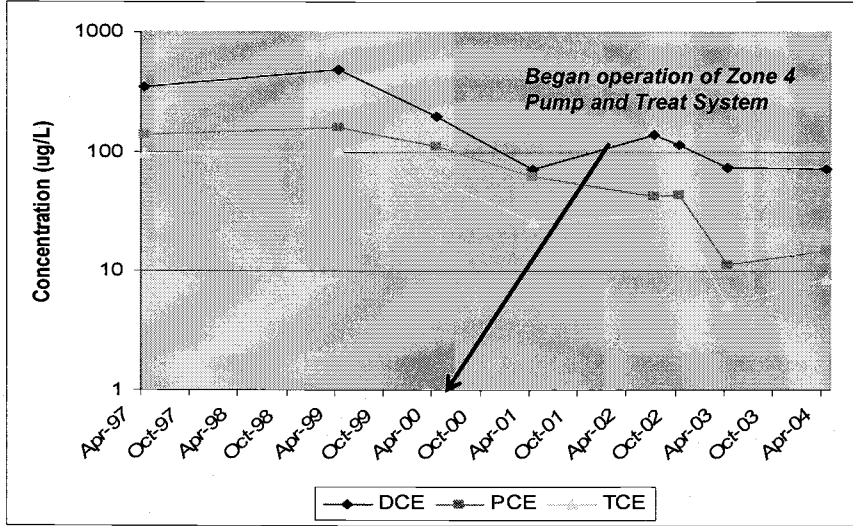
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Site MP – Location “B”

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Air Force Real Property Agency

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Restoration Update Status – 14 June 2005

**Mr. Don Buelter, P.G.
AFRPA**



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Outline of Topics

- ***Restoration Projects for FY04 and FY05***
- **Site Closure Status of Soil Sites, SWMUs and Environmental Factors**
- **Status of Long Term Sites and Installation of Remedial Actions**
- **Plume Maps and Extent of Concentration**

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FY04 Environmental Restoration Projects

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Description	Contractor	Cost	Completed?
Off-base PRBs	CH2M Hill, Shaw, GeoSierra	\$12,115,891	Summer 2005
Zone 2 PRB/Slurry Wall	HGL	\$3,945,000	Completed
O&M GWTP	SAIC	\$5,336,000	Completed
Site E-1	ECC	\$2,862,662	Completed
Compliance Plan Sampling	CH2M Hill	\$2,389,000	Completed
B326 Sanitary Sewer	Earth Tech	\$2,182,000	Summer 2005

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FY05 Environmental Restoration Projects

U.S. AIR FORCE

Description	Contractor	Cost	Completed?
O&M GWTP	SAIC, HGL	\$5,422,044	Dec 2005
Compliance Plan Sampling	CH2M Hill	\$2,255,500	Mar 2006

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Outline of Topics

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- Plume Maps and Extent of Concentration

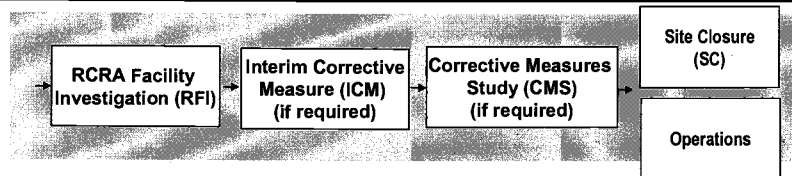
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Soil Sites and SWMUs



- **Site Closure with Risk Reduction Rules**
- **Status Categories:**
 - ✓ Investigation
 - ✓ Closure Pending – SC Report submitted to TCEQ
 - ✓ Site Closure Pending Ecological Risk Assessment
 - ✓ Site Closure
- **Total number of sites = 324**
 - ✓ 90.5% of sites are closed or have closure pending
 - ✓ 1.5% of sites are being investigated
 - ✓ 8.0% of sites are involved in long term operations

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Zone 2 Site Status

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	Investigation	Closure Pending	Closed	Closed Pending Ecological Risk	Operations	Total
IRP Sites	0	0	3	9	4	16
Wash Racks	0	0	2	1	0	3
Radiation Sites	0	0	1	0	0	1
Waste Water Tanks	0	40	0	22	0	62
Oil Water Separators	0	0	5	8	0	13
Chemical Storage Areas	0	0	2	5	0	7
Other Compliance Sites	0	0	4	3	0	7

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Zone 3 Site Status

U.S. AIR FORCE

	Investigation	Closure Pending	Closed	Closed Pending Ecological Risk	Operations	Total
IRP Sites	0	0	5	1	4	10
Wash Racks	0	1	6	0	0	7
Radiation Sites	2	0	13	0	2	17
Waste Water Tanks	0	0	0	0	0	0
Oil Water Separators	1	0	11	0	1	13
Chemical Storage Areas	0	5	8	0	1	14
Other Compliance Sites	0	6	21	0	10	37

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Zone 4 Site Status

U.S. AIR FORCE

	Investigation	Closure Pending	Closed	Closed Pending Ecological Risk	Operations	Total
IRP Sites	0	0	2	0	2	4
Wash Racks	0	6	7	0	0	13
Radiation Sites	0	0	3	0	0	3
Waste Water Tanks	0	0	0	0	0	0
Oil Water Separators	0	0	8	0	0	8
Chemical Storage Areas	0	17	8	0	0	25
Other Compliance Sites	0	0	1	0	0	1

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Zone 5 Site Status

U.S. AIR FORCE

	Investigation	Closure Pending	Closed	Closed Pending Ecological Risk	Operations	Total
IRP Sites	0	0	3	0	2	5
Wash Racks	0	1	16	0	0	17
Radiation Sites	0	0	6	0	0	6
Waste Water Tanks	0	0	0	0	0	0
Oil Water Separators	2	1	13	0	0	16
Chemical Storage Areas	0	0	2	0	0	2
Other Compliance Sites	0	1	16	0	0	17

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Outline of Topics

- Restoration Projects for FY04 and FY05
- Site Closure Status of Soil Sites, SWMUs and Environmental Factors
- *Status of Long Term Sites and Installation of Remedial Actions*
- Plume Maps and Extent of Concentration

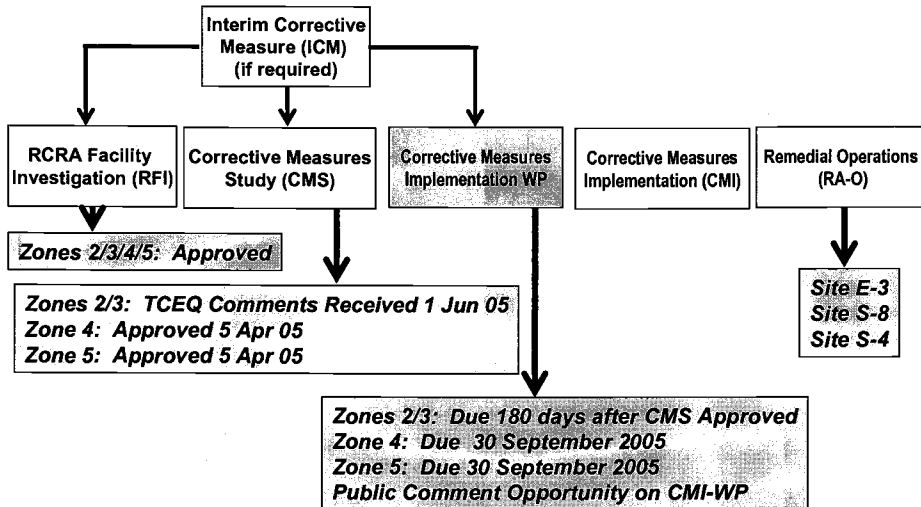
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Sites with Long-term Operations



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Zone 2 Treatment Systems

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Selected Alternative	~ Cost	Installed?
Site E-3 – Soil Vapor Extraction / Pump and Treat	\$1,700,000	Installed
Bldg. 522 – Soil Vapor Extraction	\$350,000	Installed
Bldg. 522 – Enhanced Bioremediation		FY07
Northbank – Permeable Reactive Barrier	\$3,945,000	Installed
Site E-1 – Excavation / Enhanced Bioremediation	\$2,862,000	Installed
Site E-1 – Pump and Treat	\$1,500,000	Installed

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Zone 3 Treatment Systems

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Selected Alternative	~ Cost	Installed?
Bldg. 360 – Permeable Reactive Barrier	\$3,500,000	Installed
Bldg. 301 – Permeable Reactive Barrier	\$1,500,000	Installed
Site MP – Slurry Wall / Pump and Treat	\$3,200,000	Installed
Site S-8 – Bioventing / Pump and Treat	\$1,400,000	Installed
Site S-4 – Pump and Treat	\$1,700,000	Installed
Bldg. 360 – Soil Vapor Extraction and Enhanced Bioremediation		FY07
Bldg. 301 – Enhanced Thermal Extraction		FY07
Bldg. 348 – Soil Vapor Extraction		FY07
Bldg. 324 – Soil Excavation		FY07

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Zone 4 Treatment Systems

Selected Alternative	~ Cost	Installed?
Horizontal Wells along East Kelly Boundary	\$4,400,000	Installed
SS051 Source – Enhanced Bioremediation	\$400,000	Installed
Commercial Street Permeable Reactive Barrier	\$10,750,000	Installed
Malone St. (UPRR) Permeable Reactive Barrier		Summer 2005

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Zone 5 Treatment Systems

Selected Alternative	~ Cost	Installed?
Plume A – PRB – B1530	\$1,500,000	Installed
Plume A – Enhanced Bioremediation	\$300,000	Installed
Plume B – 34 th Street PRB	\$1,400,000	Installed
Plume C – Excavation, SVE and P&T	\$1,790,000	Installed
Plume D – Enhanced Bioremediation	\$300,000	Installed
Plume F – MNA	\$0	Installed
Plume H – MNA	\$0	Installed
Plume J – MNA	\$0	Site Closed
Plume K – MNA	\$0	Installed

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Outline of Topics

- **Restoration Projects for FY04 and FY05**
- **Site Closure Status of Soil Sites, SWMUs and Environmental Factors**
- **Status of Long Term Sites and Installation of Remedial Actions**
- ***Plume Maps and Extent of Concentration***

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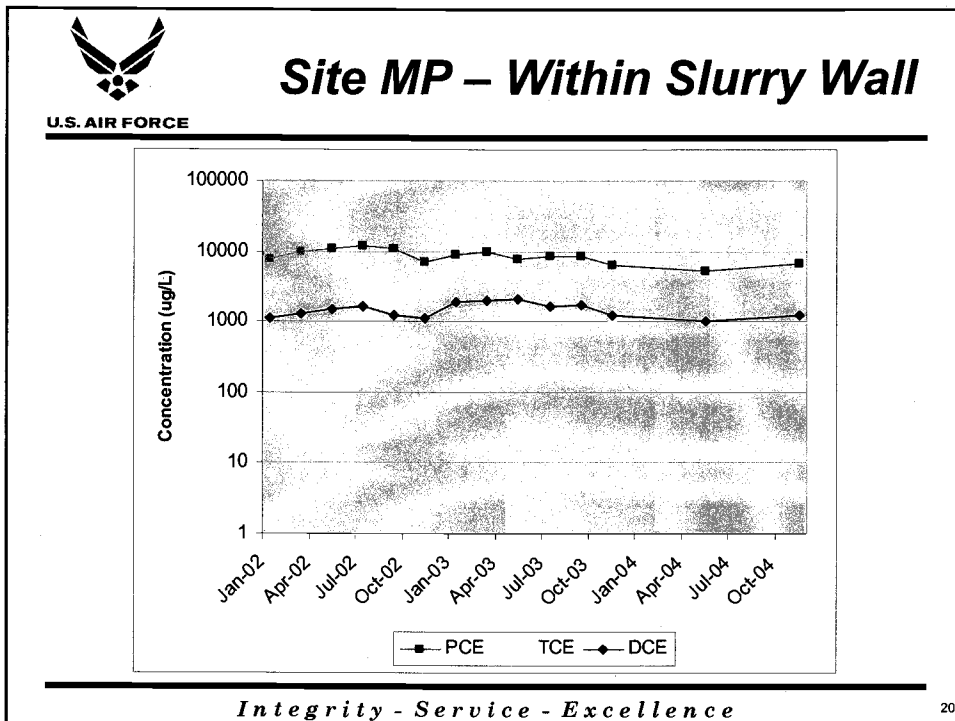
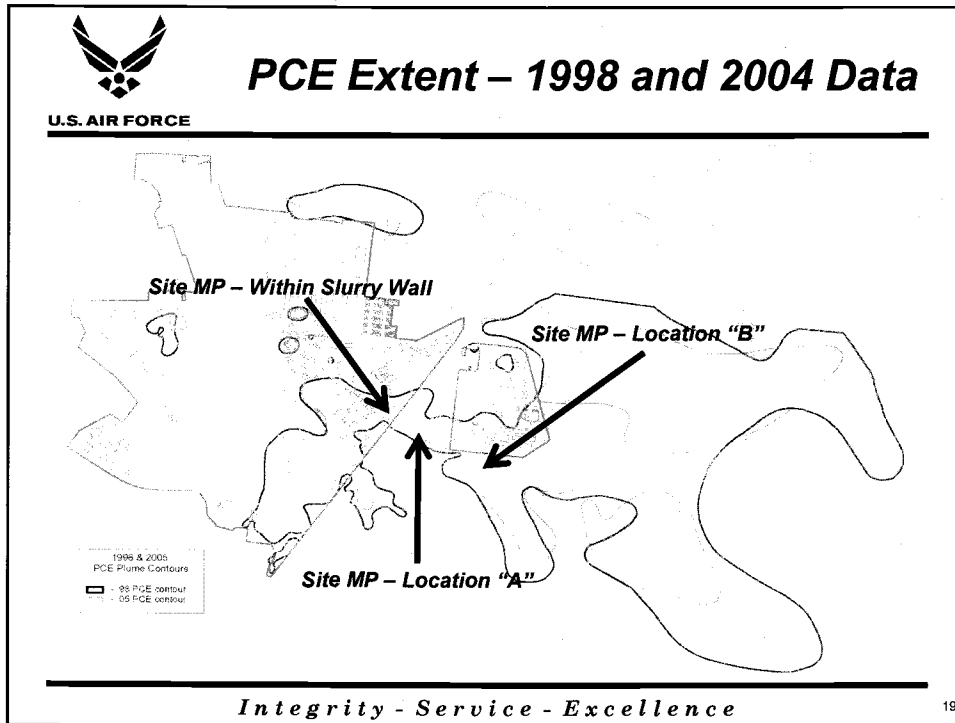
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Annual Groundwater Sampling

- **Sampled over 450 monitoring wells on and off-base**
 - **Samples collected between April – June**
 - **Over 90% of wells are sampled year to year**
- **Samples from *each well* are sent to a laboratory for analysis of a broad range of chemicals including:**
 - **VOCs: 27 volatile organic compounds**
 - **SVOCs: 32 semi-volatile organic compounds**
 - **16 metals, cyanide, pesticides and polychlorinated biphenyls (PCBs)**
(Pests/PCBs - Zones 1 & 2 only)

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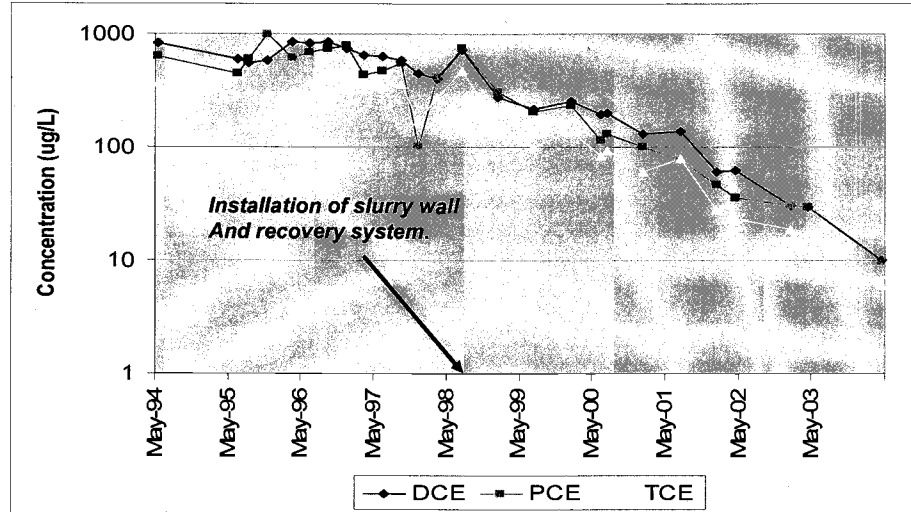
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Site MP – Location “A”

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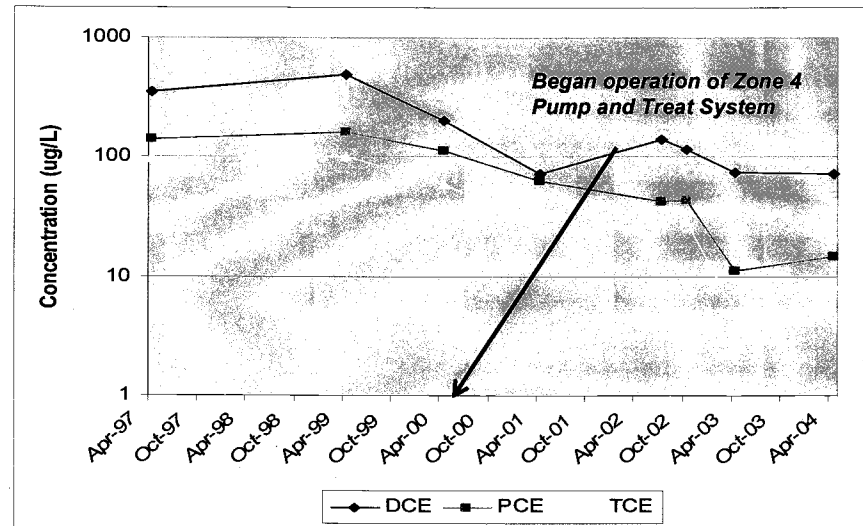
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Site MP – Location “B”

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**TAPP Budget Update
19 Apr 05**

Beginning Amount \$100,000.00

Fiscal Year	Project/Document Name	Contractor	Amount
1998	ATSDR Report (Water)	University of Maryland	\$9,706.00
1998	1997 Base-wide Remediation Assessment	Clearwater Revival	\$6,975.00
1998	OU-2 Workplan	Neathery Environmental	\$5,145.00
1999	Zone 3 Corrective Measures Study Addendum	Clearwater Revival	\$6,375.00
1999	Remedial Investigation of Zone 4 OU-2	Neathery Environmental	\$6,195.00
1999	Final Zone 5 Corrective Measures Study	Geomatrix	\$3,617.50
2000	Shallow Groundwater Report	Geomatrix	\$5,572.50
2000	Site S-8 Draft Final Corrective Measures Investigation	Neathery Environmental	\$5,660.00
2000	Site MP Draft RCRA Facility Investigation	Clearwater Revival	\$5,925.00
2001	Zone 3 RCRA Facility Investigation	Clearwater Revival	\$5,775.00
2001	Zone 4 Corrective Measures Study	Geomatrix	\$8,390.00
2001	ATSDR Health Assessment	University of Maryland	\$7,428.00
2003	(Mod-01) Additional Travel Expenses for Presentation to RAB	Clearwater Revival	\$500.00
2003	Zone 2/3 Correctives Measures Study	Neathery Environmental	\$5,570.00
2003	ATSDR Air Emission Study	University of Maryland	\$8,366.00
2005	2005 Semiannual Compliance Plan	TBD	TBD
	Total Spent to Date		\$91,200.00
	Remaining Balance		\$8,800.00

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