



KELLY AFB
TEXAS

ADMINISTRATIVE RECORD
COVER SHEET

AR File Number 3220

April 10, 2007
Kelly Restoration Advisory Board (RAB)
Port Authority of San Antonio
143 Billy Mitchell Blvd., Bldg. 43, Ste. 6
San Antonio, Texas 78226

DRAFT Meeting Minutes

RAB Community Members:

James Betus
Rodrigo Garcia, Jr.
Nazirite Perez
Brian Skrobarcek

RAB Government Members:

Adam Antwine, Air Force Real Property Agency (AFRPA), Installation Cochair
Sal Aguinaga, Port Authority of San Antonio
Kyle Cunningham, San Antonio Metropolitan Health District (SAMHD) (Alternate for Melanie Ritsema)
Mark Weegar, Texas Commission on Environmental Quality (TCEQ)

AFRPA Staff:

Don Buelter, AFRPA
Joseph Clark, AFRPA Contractor
Sonja Coderre, AFRPA
Todd Colburn, AFRPA Contractor
Shelly Crull, AFRPA Contractor
Linda Geissenger, AFRPA
Norma Landez, AFRPA
Steven LaFreniere, AFRPA
Jose Martinez, Facilitator
Ed Salinas, AFRPA Contractor
Brian Sytsma, AFRPA Contractor

AFRPA Partner Agencies:

Cindy Cash, HGL Contractor
Diane Glass, HGL Contractor
Linda Kaufman, SAMHD
Abigail Power, TCEQ (Alternate for Mark Weegar)

Elected Officials:

David Rodriguez, office of U.S. Rep. Charles A. Gonzalez

Public Participants:

Dora Galvan
Esmeralda C.
Kristi James
Roque Labasan
Henrietta LaGrange

Armando Quintanilla
Hector Rendon
Juanita Rendon
Carlos Rios
Lenny Siegel
Robert Silvas

The meeting began at 6:30 p.m.

I. Welcome and Overview – Jose Martinez

Mr. Martinez began the meeting by asking RAB members to introduce themselves. After RAB introductions, Mr. Martinez provided an overview of the purpose of the Kelly RAB, then encouraged people to use the community resource guides located at the sign-in table as a reference for issues outside the scope of the Kelly RAB. Following RAB introductions, other meeting attendees introduced themselves.

During community introductions, Mr. Robert Silvas addressed agent orange concerns and submitted documents to Mr. Antwine, requesting they be distributed to RAB members.

Mr. Martinez then reviewed the meeting agenda and contents of the meeting packets.

Mr. Martinez indicated meeting minutes from the 23 January 2007 Kelly RAB meeting were previously provided for review in read ahead packets, and asked if anyone had corrections. No corrections were provided, and minutes were approved.

II. Installation Cochair Comments/Funding Update – Adam Antwine

Mr. Antwine welcomed all meeting attendees and thanked them for attending the meeting.

Mr. Antwine provided a budget update which covered two slides:

1. Environmental Budget for the former Kelly AFB, Fiscal Years 1986-2013; This slide showed a total environmental cost to date of \$330.7 million as of April 2007. Of this \$330.70 cost, \$71.93 million was spent prior to BRAC (1996).
2. FY07 Environmental Restoration Projects; This slide depicted current 2007 project spending which totaled \$8,757,000.

III. BCT Update – Ms. Norma Landez

Ms. Landez indicated final BCT minutes from the 10 January 2007 Kelly BCT meeting were provided in meeting packets. Additionally, Mr. Landez covered topics of discussion which took place prior to the 10 April 2007 RAB meeting, and stated minutes from this meeting would be provided at the 10 July 2007 Kelly RAB meeting.

Ms. Landez then reviewed a list of reports and letters exchanged with regulators, which would be placed in the library located at the Environmental Health and Wellness Center. Both a listing and description of the following documents were provided in meeting packets:

- Corrective Measures Study Remedial Alternative Evaluation (Vol. 3), January 2007

- Semiannual Compliance Plan Report for January 2007 (Jul-Dec 06) w/CD, January 2007
- TCEQ Letter – Approval to Final Corrective Measures Implementation Addendum Report for Site S-4, 25 August 2006
- TCEQ Letter – Comments to CMS Investigation for Zone 1 and CMS Baseline Human Health Risk Assessment, 11 October 2006
- TCEQ Letter – Approval of January 2006 Semiannual Compliance Plan (Jul-Dec 05), 20 October 2006
- AFRPA Letter – 2006 Facility Annual Report, 19 January 2007
- AFRPA Letter – Submittal of Draft Final CMS Remedial Alternative Evaluation Report Zone 1, Volume 3, 23 January 2007
- TCEQ Letter – Review with comments on RCRA Closure Report for Zone 2, Site D-10 (LF019), 2 February 2007
- AFRPA Letter – Response to comments on the RCRA Closure Report for Zone 2, Site D-10 (LF019), 27 March 2007

IV. Information Repository Tour – Ms. Sonja Coderre

Ms Coderre provided a briefing with slide presentation of the Kelly Information Repository (IR), which contains the Kelly Administrative Record (AR). The briefing showed community members how to find the government documents section at the San Antonio Central Library, and how to locate and review documents both hard copy and electronically via the online AR.

Mr. Garcia stated the library was not accessible to the community at a location closer to the former Kelly AFB. Ms. Coderre indicated various locations have been considered, but the San Antonio Central Library continues to be the best choice after weighing all factors. Additionally, Ms. Coderre indicated an IR location was provided within the former base boundaries at the Kelly Library, but was not used by the community and recently closed. Ms. Kaufman with the Environmental Health and Wellness Center (EHWC) indicated only five people have visited the document section at the EHWC over the past several years. Mr. Antwine indicated the solution may be to provide all documents electronically.

V. Appointment of Community Cochair – Mr. Jose Martinez, facilitator

Based on meeting attendance of four RAB members, the process to appoint a Community Cochair could not take place because the quorum of six present community RAB members was not met. The appointment process will be rescheduled for the July 2007 RAB meeting.

VI. January 2007 Semiannual Compliance Plan Report Presentation – Mr. Don Buelter

Mr. Buelter provided a briefing of the January 2007 Semiannual Compliance Plan Report, which includes July-December 2006 sampling data. The presentation handouts were included in all meeting packets.

In response to Mr. Buelter discussing analytical results for sampled monitoring wells, Mr. Weegar indicated TCEQ would be making a change to the arsenic Groundwater Protection Standards (GWPS) listed in the compliance plan from 50 ug/L to 10 ug/L in 2008 when the permit is renewed. He indicated the state is providing advance notice of this change.

Mr. Garcia stated AFRPA needs to provide RAB members an executive summary of the Semiannual Compliance Plan Report and all other reports in layman's terms. He stated there were a lot issues which still need to be addressed such as cleaning up Leon Creek and conducting air monitoring throughout the city. Mr. Martinez stated AFRPA's responsibility was to cleanup contamination resulting from activities from the former Kelly AFB, not citywide issues.

A five minute break took place at 8:05 p.m.

VII. Public Comment Period

- Ms. Esmeralda Camacho stated the AFRPA tells the community everything is ok when it is not. She stated more people would attend RAB meetings if the message was more straightforward. She also complained maps used in the briefings were too small, and she could not read street names. Ms. Coderre stated she would provide a map with street names after the meeting.
- Mr. Armando Quintanilla indicated he lived in the toxic triangle 1952-2000, and served on the Kelly RAB 1994-2006. He stated the Air Force intentionally dumped solvents in the ground and created a 10 sq/mile plume. He stated area residents are paying unfair property taxes, and the Kelly RAB should demand environmental justice. He indicated cleanup in the off-base community should have priority over cleanup of the golf course. He stated the combined total of \$32 million the Air Force has spent cleaning up the neighborhoods has not been enough. Mr. Quintanilla stated he would address the following topics at a later date:
 - TCE vapor intrusion in the surrounding neighborhoods
 - Removal of PCE sediment in Leon Creek
 - Replacement of fish resulting from a guar spill
 - Restoring water re-use, which he addressed in a previous FOIA
- Mr. Lenny Siegel stated he has been unable to locate the necessary data needed to address vapor intrusion concerns in the Kelly area. He stated he felt the situation at Kelly warranted the need for indoor, outdoor and sub-slab air monitoring. He asked for TCEQ, EPA and AFRPA to take vapor intrusion seriously. Mr. Skrobarcek asked Mr. Siegel if commercial buildings had the same risk exposure as residential homes regarding vapor intrusion. Mr. Siegel indicated the level of exposure is specific to individual sites, but all foundations are susceptible to exposure because PCE/TCE can easily find a way inside a building.
- Mr. Perez asked when Kelly cleanup efforts would address off-base contamination in the neighborhoods. He said he asks about off-base cleanup again and again with no action. Mr. Antwine indicated hundreds of monitoring wells and numerous cleanup systems are currently installed both on-base and off-base which are actively addressing off-base contamination. Ms. Landez used a remediation systems map to depict the cleanup technologies in place, both on-base and off- base.

Mr. Siegel asked if the AF is using bioventing technology off-base, and Mr. Landez replied it is not. Ms. Landez stated numerous cleanup technologies were studied during the Zones 4 and 5 Corrective Measures Study, and Permeable Reactive Barriers (PRBs) and natural attenuation were determined to be the best solutions. Mr. Siegel asked if the AF would consider installing new cleanup systems if vapor intrusion studies showed an exposure pathway to residents, to which Ms. Landez replied, "Yes".

Mr. Weegar stated numerous public meetings took place to allow community members an opportunity to comment on cleanup technologies to be used in their neighborhoods, and TCEQ did not receive a single comment. Additionally, he indicated the Kelly RAB hired an independent TAPP contractor (Geomatrix) to review the proposed off-site cleanup systems before they were installed.

After further discussions about air sampling, Mr. Weegar recommended AFRPA provide Mr. Siegel with reports detailing air studies previously conducted by AFRPA.

VIII. RAB Open Discussion/Upcoming Agenda

Mr. Garcia restated he would like executive summaries and more generalized, less technical information explaining the cleanup progress. He also reminded Ms. Coderre about developing an orientation book they have previously discussed, and a need to train new RAB members. Ms. Coderre informed him all new RAB members have been provided or offered orientation training to accommodate their individual schedules.

Agenda topics for the next RAB meeting included cleanup of off-base areas and anticipated timeframes and soil vapor intrusion.

Mr. Skrobarcek stated he would like future meetings to remain on schedule and on topic without discussions getting off track.

IX. Meeting Adjournment

The meeting adjourned at 9:07 p.m.

Upcoming Meetings:

Next RAB Meeting: 10 July 2007, 6:30 p.m. – Port Authority of San Antonio - Boardroom

Attachments:

- 10 July 2007 RAB Agenda
 - Handouts for overall meeting slides for April 2007 RAB meeting
 - Meeting Minutes – 10 January 2007 BCT meeting
 - List of Kelly RAB Community Cochair library documents, April 2007
 - Memo to Kelly RAB, 4 April 2007, Re: Appointment of Cochair and Charter Review
 - Meeting Minutes – 23 January 2007 Kelly RAB
 - Action Item Report – 23 January 2007 Kelly RAB
 - Electric Resistive Heat Technology Fact Sheet
-

Kelly Restoration Advisory Board (RAB)

Meeting Agenda

10 April 2007

Port Authority of San Antonio
143 Billy Mitchell Blvd., Bldg. 43, Suite 6
San Antonio, TX 78226

6:30 - 6:35	Welcome and Overview	Mr. Jose Martinez
6:35 - 6:40	Installation Cochair Comments/Funding Update	Mr. Adam Antwine
6:40 - 6:50	BCT Update	Ms. Norma Landez
6:50 - 7:05	Information Repository Tour	Ms. Sonja Coderre
7:05 - 7:15	Appointment of Community Cochair	Mr. Jose Martinez
7:15 - 7:45	January 2007 Semiannual Compliance Plan Report Presentation	Mr. Don Buelter
7:45 - 8:00	Questions & Answers	
8:00 - 8:15	Public Comment Period	Mr. Jose Martinez
8:15 - 8:30	RAB Open Discussion/Upcoming Agenda	Ms. Sonja Coderre
8:30	Adjournment	

Notes: Next RAB Meeting: 10 July 2007, 6:30 p.m. : Port Authority of San Antonio, 143 Billy Mitchell Blvd., Bldg. 43, Suite 6, San Antonio, TX 78226

Air Force Real Property Agency

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Kelly Restoration Advisory Board

10 April 2007



Port Authority of San Antonio
143 Billy Mitchell Blvd., Bldg. 43, Ste. 6
San Antonio, TX 78226
6:30 p.m.

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Introduction

6:30pm – 6:35pm

- **Welcome and Overview**



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Introduction

6:35 pm – 6:40 pm

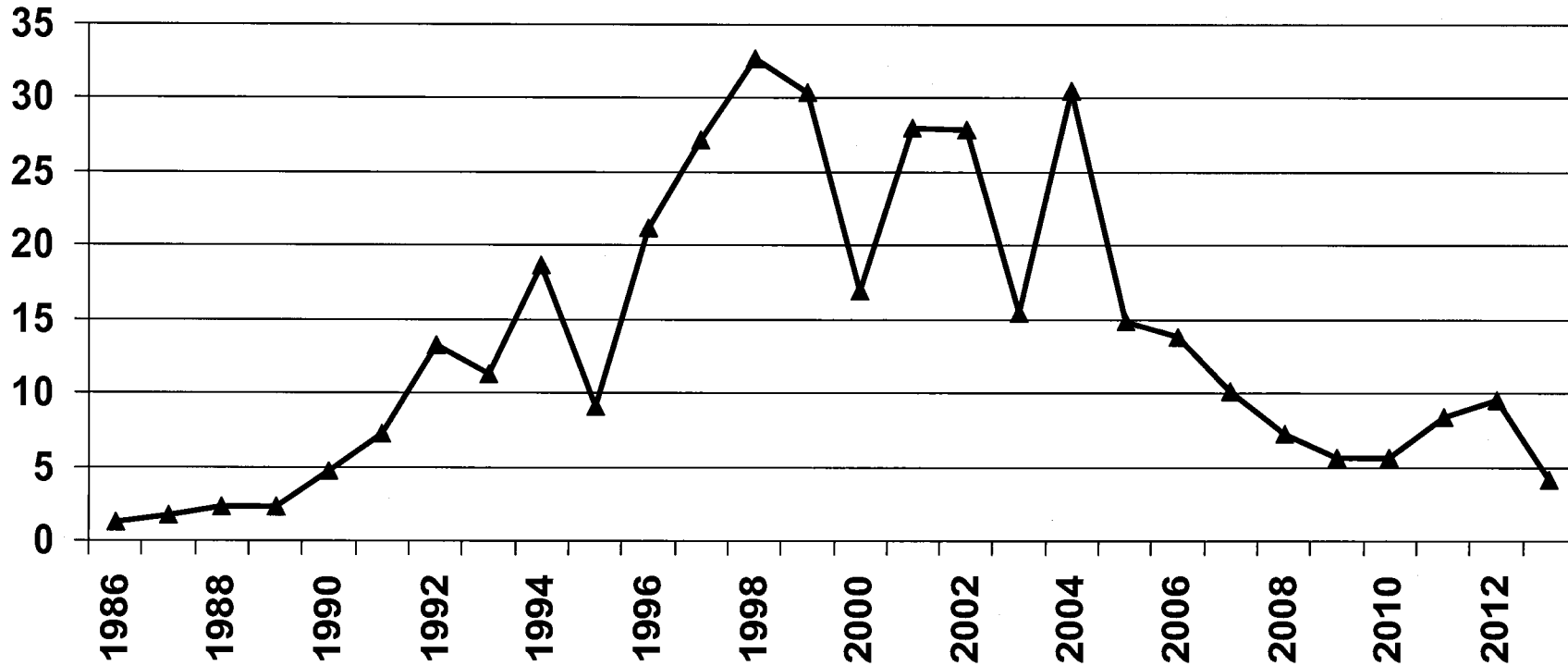
- Installation Cochair Comments
- Funding Update

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Environmental Budget for former Kelly AFB Fiscal Year 1986-2013

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Cost to Date: \$330.7M (FY86-FY06)
 (as of April 2007)
 \$71.93M spent prior to BRAC (1996)



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FY07 Environmental Restoration Projects

Description	Contractor	Cost
O&M GWTP	HGL	\$3,702,000
Compliance Plan Sampling	HGL	\$1,990,000
Remediation of Source Contamination at WP022 (Site E-3)	TBD	\$3,065,000

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BEC Update

6:40pm – 6:50pm

- BCT Update
- Library Documents



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BCT Update

BCT Update

- 10 January 2007 BCT
 - Copies of final BCT meeting minutes included in RAB meeting packets
- 10 April 2007 BCT
 - Copies of final minutes to be included in July 2007 RAB meeting packets

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Library Documents

- AFRPA documents below will be placed in the Kelly RAB Community Cochair Library following this meeting.
 - **Report 110A, dated January 2007 – Corrective Measures Study Remedial Alternative Evaluation Report, Environmental Restoration of Zone 1 Sites, Volume III, Lackland AFB, Texas**
 - This report is the third volume of the Corrective Measure Study (CMS) for the former Kelly AFB Installation Restoration Program (IRP) Zone 1, Lackland AFB, Texas. Previously submitted CMS and feasibility study (FS) documents have been submitted for TCEQ review and approval, and each have resulted in TCEQ requests for either additional data collection or for revised remedial alternatives development (based on presumptive remedy guidance). This document presents proposed final corrective action alternatives.



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Library Documents

- AFRPA documents below will be placed in the Kelly RAB Community Cochair Library following this meeting (continued).
 - **Report 694B, dated January 2007 – Final Semiannual Compliance Plan Report, July-December 2006, Former Kelly AFB (CD included)**
 - In accordance with Compliance Plan Number 50310 issued by the Texas Commission on Environmental Quality (TCEQ), this report summarizes (1) gauging and sampling of selected groundwater monitoring wells basewide to evaluate the condition of the shallow alluvial aquifer, performed between April and June; (2) monitoring and sampling of groundwater monitoring wells associated with four RCRA-regulated units performed in July; (3) Gauging and sampling of surface water and sediment along Leon Creek and collection/analysis of fish tissue samples performed in July; and (4) Summary of operational data from July 1, 2006 through December 31, 2006 associated with active remediation systems at the facility

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Library Documents

- AFRPA documents below will be placed in the Kelly RAB Community Cochair Library following this meeting (continued)
 - **TCEQ letter to AFRPA, 08/25/06** – Re: TCEQ’s review and approval of the *Final Corrective Measures Implementation Construction Completion Addendum Report IRP Site S-4, Former Kelly AFB*
 - **TCEQ letter to AFRPA, 10/11/06** – Re: TCEQ’s review and comments related to the Corrective Measures Study Investigation Report Environmental Restoration of Zone 1 Sites Lackland AFB, Texas Volume IA and IB, March 2006; and Corrective Measures Study Baseline Human Health Risk Assessment Environmental Restoration of Zone 1 Sites Lackland AFB, Texas Volume II, April 2006
 - **TCEQ letter to AFRPA, 10/20/06** – Re: TCEQ’s review and comments to the Final January 2006 Semiannual Compliance Plan Report (July-Dec 2005) and Final July 2006 Semiannual Compliance Plan Report (Jan-June 2006)
 - **AFRPA letter to TCEQ, 01/19/07** – Re: Submittal of 2006 Facility Annual Report for solid waste permit
 - **AFRPA letter to TCEQ, 01/23/07** – Re: Submittal of the Zone 1 Final Corrective Measures Study (CMS) Remedial Alternative Evaluation Report, Volume 3, for review and comment.
 - **TCEQ letter to AFRPA, 02/02/07** – Re: TCEQ’s review and comments to the RCRA Closure Report-Installation Restoration Program (IRP) Zone 2, Site D-10. The letter requests AFRPA respond to each comment
 - **AFRPA letter to TCEQ, 03/27/07** – Re: AFRPA’s response to TCEQ comments on the RCRA Closure Report IRP, Site D-10, in addition to replacement/insert pages for the report



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Information Repository Tour

6:50pm – 7:05pm

- Kelly Information Repository (IR) and Administrative Record (AR) Tour

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Kelly AR and IR

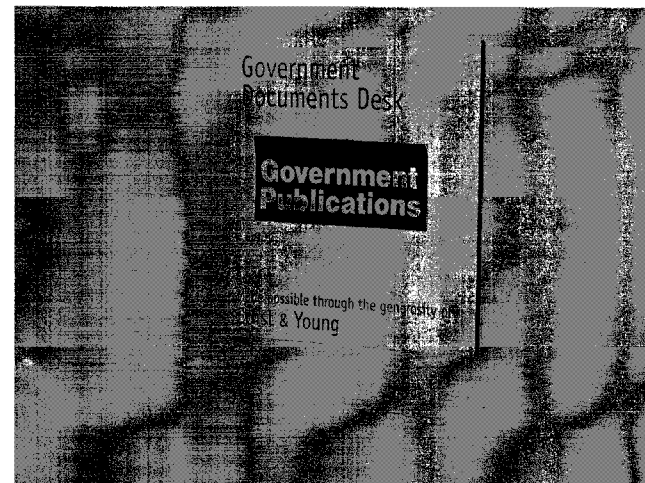
- The Air Force Real Property Agency maintains a public record of documents that form the basis for selecting an environmental response action/remedy for sites at a particular installation. This public record is called the Administrative Record (AR).
 - The AR is considered complete for a specific site or sites at an installation on the issuance of the Record of Decision (ROD) or other decision document.
 - The Kelly AR is publicly accessible through the Information Repository, which must be located at a public library or other municipal building near the installation.
- The Kelly Information Repository (IR) is located on the 2nd floor of the San Antonio Central Library, located at 600 Soledad, in the government documents section.
 - The IR includes a copy of all AR documents, in addition to other information that may be of interest to the public such as fact sheets, transcripts/meeting minutes, news clippings, etc.



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Kelly AR and IR

Government documents section - 2nd floor



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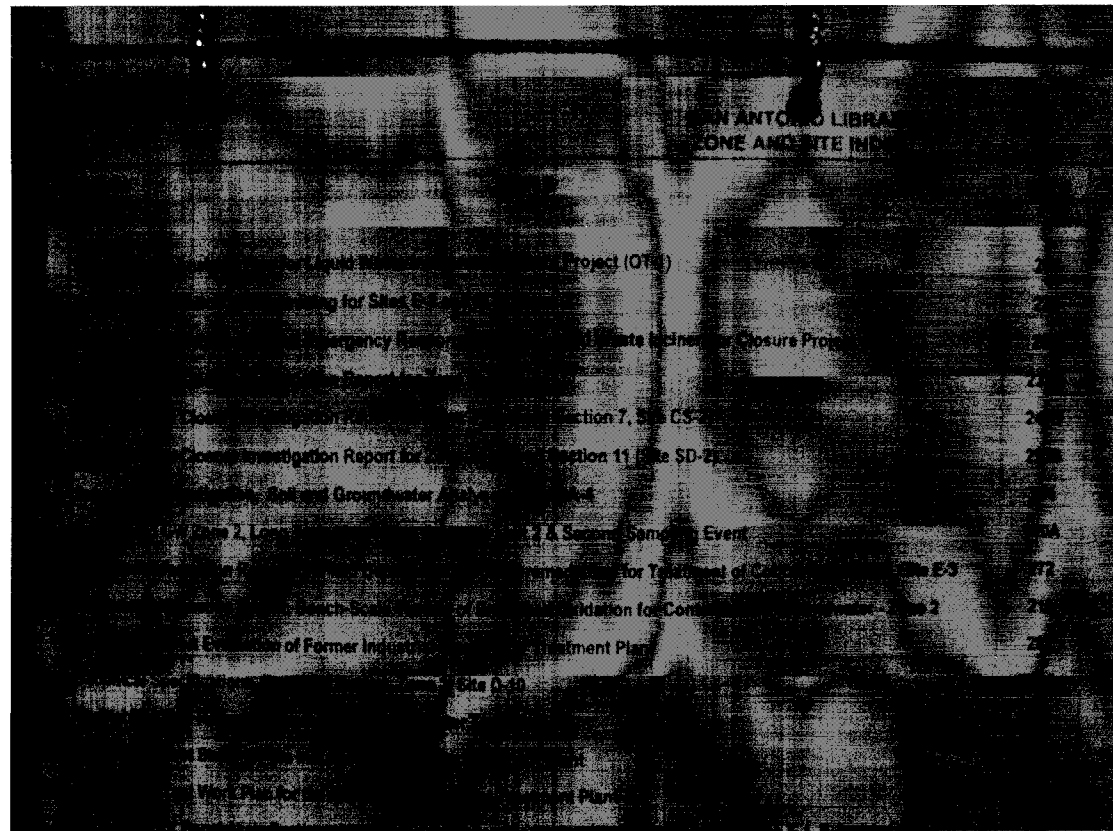


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Kelly AR and IR

Locating a document

- To locate AR items at the IR, an index is available to assist your search
 - This index can be searched by document name, by Zone location or by AR#



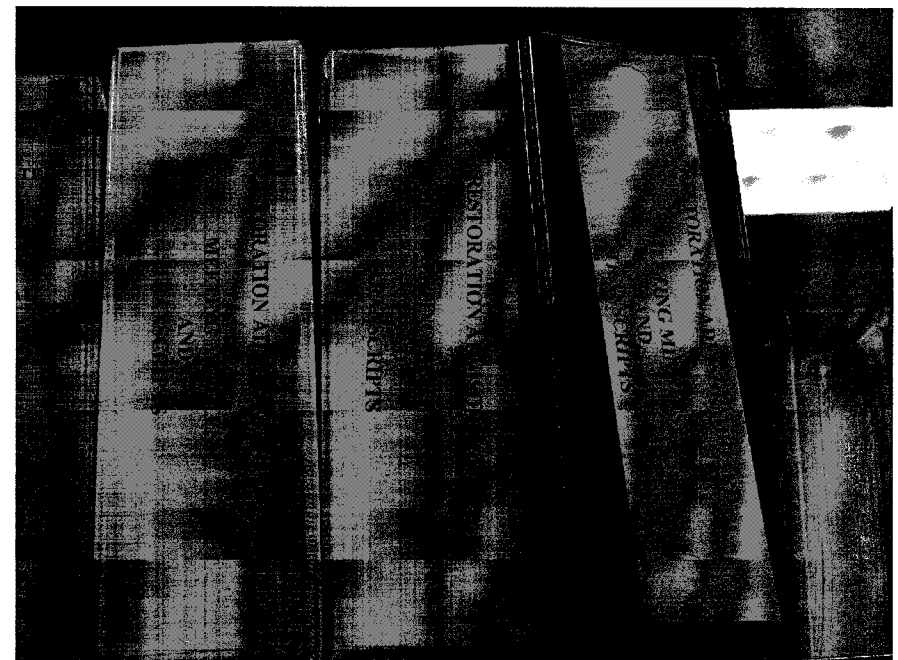
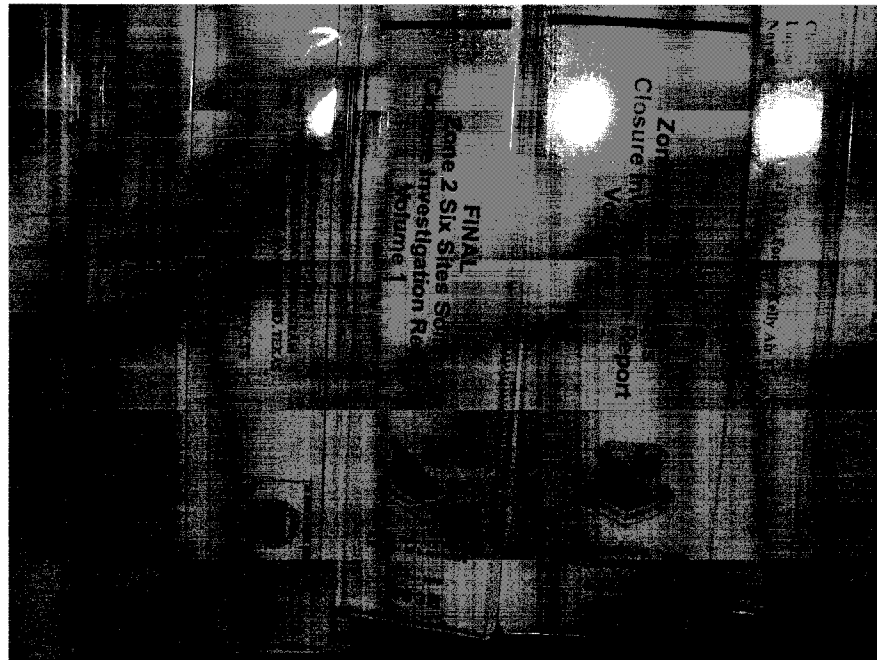


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Kelly AR and IR

Locating a document

- Using the AR Index, match the AR # on the document to the index – Documents are filed in numerical order
- Non-AR documents (such as meeting transcripts), do not have assigned numbers



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Kelly AR and IR

Online AR

- AR documents are also available online at: <https://afarpaar.afarpa.pentagon.af.mil/ar/docsearch.aspx>
- To search for Kelly AR records online, first select Kelly as the base, then search by any number of options
 - Document text search
 - Subject or title
 - AR #
 - Author

AR #	View	Size (KB)	Subject Title	Author / Org/Author	Document Date
3202		0.06	Draft Final Site Investigation Report Test Cell Area Rifle Range dated April 2004	Miller, Gary W.	4/5/2004
3201		0.07	TCEQ Approval of AFRPAs Draft Final Site Investigation Report dated April 28, 2004 Zone 2 Test Cell Area Rifle Range	Weegar, Mark A.	8/31/2004
3200		10.54	Final Site Investigation Report Closure of Building 3430 Small Arms Firing Range	Environmental Chemical Corporation	3/1/2004
3199		25.90	Draft Final Site Investigation Report Test Cell Area Rifle Range	Environmental Chemical Corporation	4/2/2004
3198.50		19.16	Final Semiannual Compliance Plan Report July Through December 2006	HydroGeologic, Inc.	1/1/2007
3198.40		15.66	Final Semiannual Compliance Plan Report July Through December 2006	HydroGeologic, Inc.	1/1/2007
3198.30		13.57	Final Semiannual Compliance Plan Report July Through December 2006	HydroGeologic, Inc.	1/1/2007
3198.20		0.65	Final Semiannual Compliance Plan Report July Through December 2006	HydroGeologic, Inc.	1/1/2007
3198.10		20.60	Final Semiannual Compliance Plan Report July Through December 2006	HydroGeologic, Inc.	1/1/2007
3198		26.99	Final Semiannual Compliance Plan Report July Through December 2006	HydroGeologic, Inc.	1/1/2007
3197		0.03	United States Air Force, AFRPA/COO-Kelly - San Antonio Permit No. 50310	Castanuela, LaDonna	11/11/2007
3196		0.06	Kelly Air Force Base (Kelly AFB) Solid Waste Registration No. 31750 EPA ID No. TX257124333 Permit and Compliance Plan HW/CP - 50310 Approval	Weegar, Mark	8/25/2006
3195		0.13	Kelly Air Force Base (Kelly AFB) Solid Waste Registration No. 31750 EPA ID No. TX257124333 Permit and Compliance Plan HW/CP - 50310	Miller, Gary W.	10/20/2006
3194		0.09	Kelly Air Force Base (AFB) TCEQ SWR No. 31750 EPA ID No. TX257124333 TCEQ Hazardous Waste Permit/Compliance Plan CP-50310	Weegar, Mark A.	12/14/2006
3193		0.09	Defense Reutilization and Marketing Office (DRMO)/Kelly Air Force Base (AFB) TCEQ SWR No. 34690	Weegar, Mark	12/14/2006
3192		n.a.	Zone 1 Draft Final Corrective Measures Study (CMS) Remedial Alternatives Evaluation Report, Volume 3 Compliance Plan No.	Lander, Donna	1/28/2007

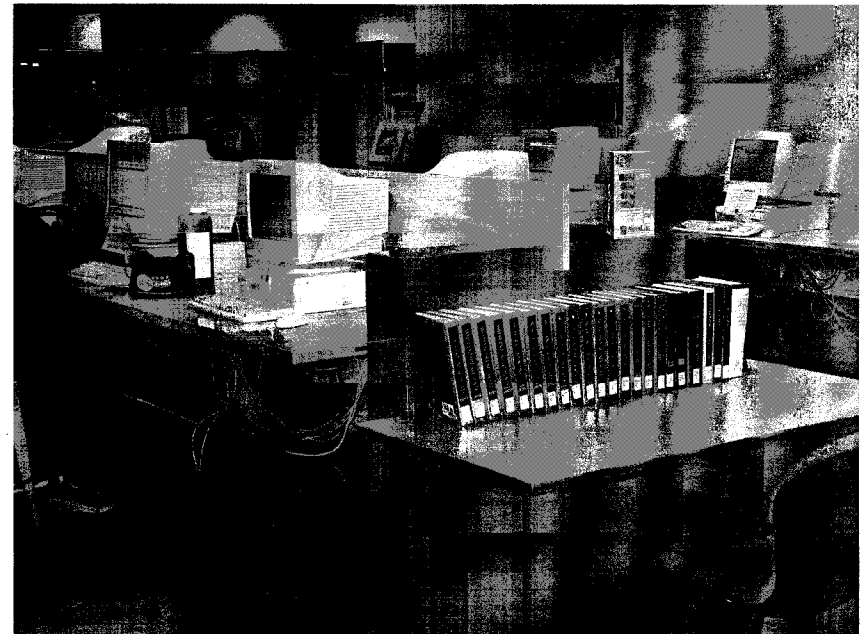
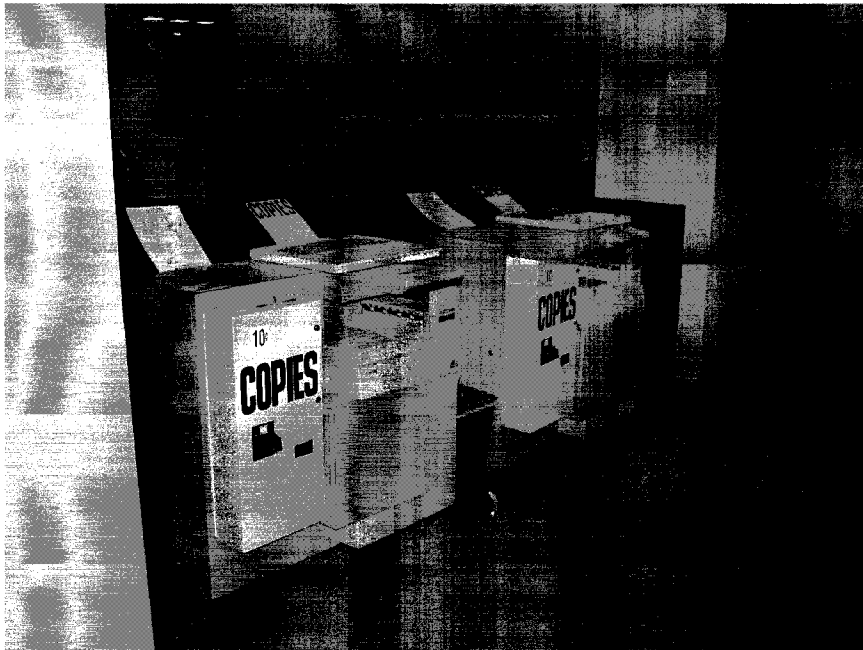


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Kelly AR and IR

Available Copiers and Computer Stations

- Documents may not be checked out, but copiers are available on the 2nd floor
- To access online AR documents, internet access is available on the 1st and 5th floors



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Appointment of Community Cochair

7:05pm – 7:15pm

- Appointment of Community Cochair
- Each candidate has two minutes of floor time



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January 2007 Semiannual Compliance Plan Report Briefing

7:15pm – 8:00pm

- January 2007 Semiannual Compliance Plan Report briefing (Jul-Dec 2006 Data)
- Questions & Answers

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Air Force Real Property Agency

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January 2007 Semiannual Compliance Plan Summary



April 10, 2007

Former Kelly Air Force Base

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Compliance Plan Requirements

■ ***The former Kelly AFB is a permitted, regulated Industrial Solid Waste Management (ISWM) Site under the jurisdiction of the Texas Commission on Environmental Quality.***

- ***The Air Force maintains a permit and a compliance plan issued by the TCEQ in June 1998 for the former Kelly Air Force Base.***

The compliance plan requires the Air Force to submit written updates on environmental conditions every six months to allow TCEQ, the Air Force, and the public to monitor progress on environmental cleanup, including:

- ***Preparation of groundwater gradient maps for the base;***
- ***Progress on remediation at Resource Conservation and Recovery (RCRA) sites;***
- ***Status of groundwater plumes across the entire base and immediately adjacent off-site areas; and***
- ***Status of environmental conditions associated with Leon Creek.***

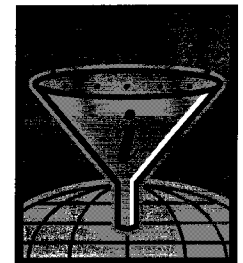
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Project Scope

The January 2007 Semiannual Compliance Plan Report provides an annual “snapshot” of environmental conditions associated with groundwater plumes and Leon Creek to verify progress in reaching environmental goals and tracking trend analysis. The report documents:

- ***Analyses of groundwater samples and comparison to Groundwater Protection Standards (GWPS) listed in the Compliance Report;***
- ***Analyses of surface water, seep, outfall, and sediment samples associated with Leon Creek and comparison to Texas Surface Water Quality Standards (TWQS);***
- ***Analyses of biological samples associated with Leon Creek.***





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What this Report Does Not Cover

- Selection of remediation methods
- Design or optimization of remediation systems
- Scheduling of remediation
- Recommendations for site closure
- Source determination



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Sampling/Monitoring Events

January¹

- Semiannual gauging and sampling of RCRA-regulated sites
- Semiannual gauging and sampling of surface water and sediment at Leon Creek

March¹

- Annual groundwater level measurements

April - June²

- Annual groundwater sampling of Waste Management Areas (WMAs) basewide

July²

- *Semiannual gauging and groundwater sampling of RCRA-regulated units*
- *Semiannual gauging and sampling of surface water and sediment at Leon Creek*
- *Annual biological sampling of Leon Creek*

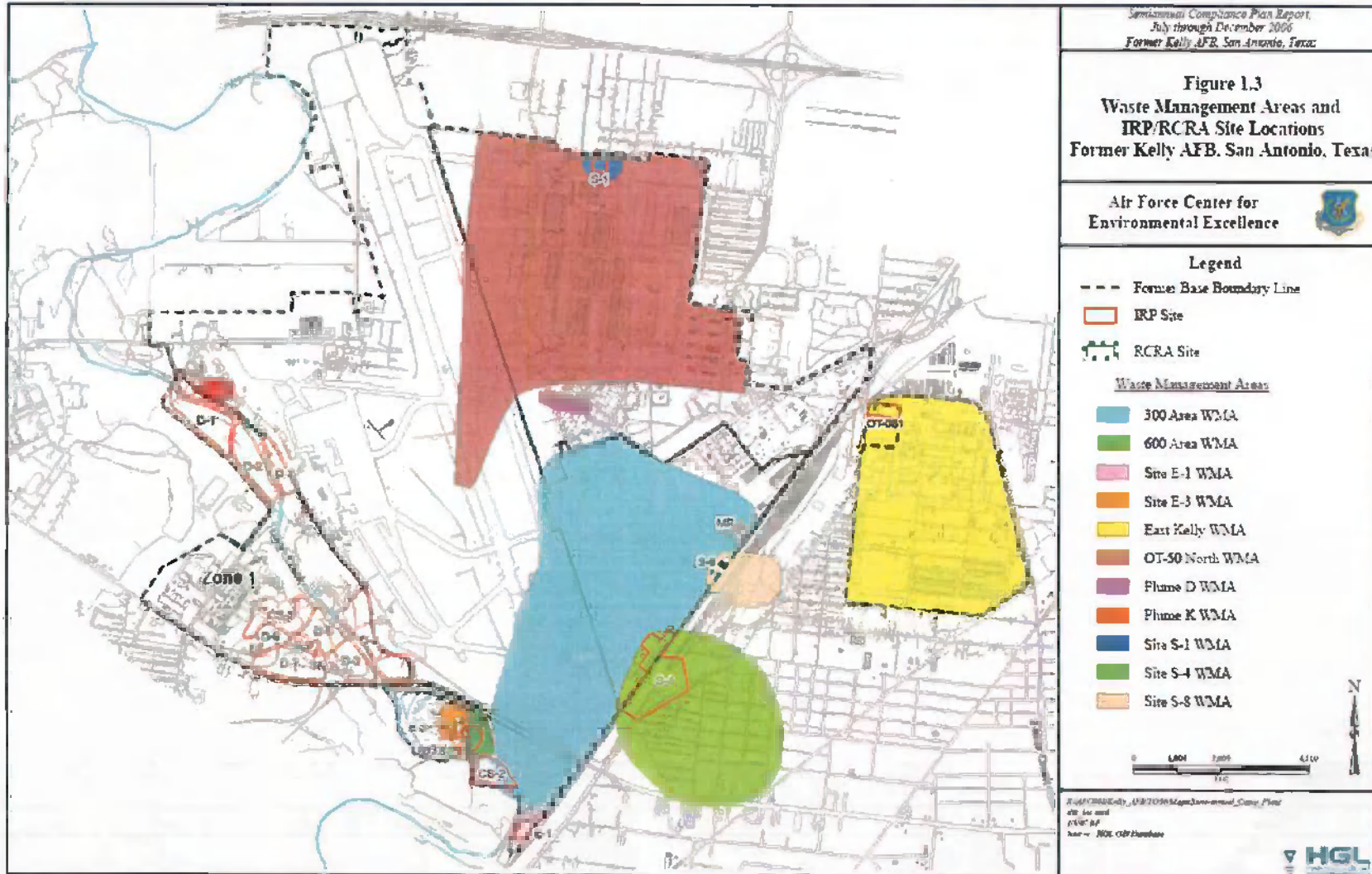
¹ Reported in July Semiannual Report

² Reported in January Semiannual Report



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Waste Management Areas



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Waste Management Areas

WMA	RCRA Site	IRP Site	Injection Site	GW Recovery	PRB	MNA	SVE
Site E-3 WMA	Site E-3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
600 Area WMA			Building 621 Chromium Treatment	<input checked="" type="checkbox"/>			
Site E-1 WMA		Site E-1		<input checked="" type="checkbox"/>			
300 Area WMA		Site MP	Building 360 Building 331 Building 522		Buildings 301 Building 360 Zone 2		<input checked="" type="checkbox"/>
Site S-4 WMA		Site S-4		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Site S-8 WMA	Site S-8			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
East Kelly WMA		SS051 SS052	Site OT-51 Rainmaker Park	<input checked="" type="checkbox"/>	UPRR Commercial St.		
Site S-1 WMA		Site S-1		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
OT-50 North WMA		SS050	Building 1414		Building 1533 34 th Street		
Plume D WMA			Building 1600, Building 1650				
Plume K WMA						<input checked="" type="checkbox"/>	

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Report Overview

The Semiannual Compliance Plan Report is divided into six sections:

- ***Executive Summary***
- ***Section 1: Introduction***
- ***Section 2: Groundwater Level Data***
- ***Section 3: Semiannual groundwater assessment for RCRA- regulated units***
- ***Section 4: Semiannual assessment of Leon Creek***
- ***Section 5: Annual WMA Assessment***

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Section 2: Groundwater Level Data Overview

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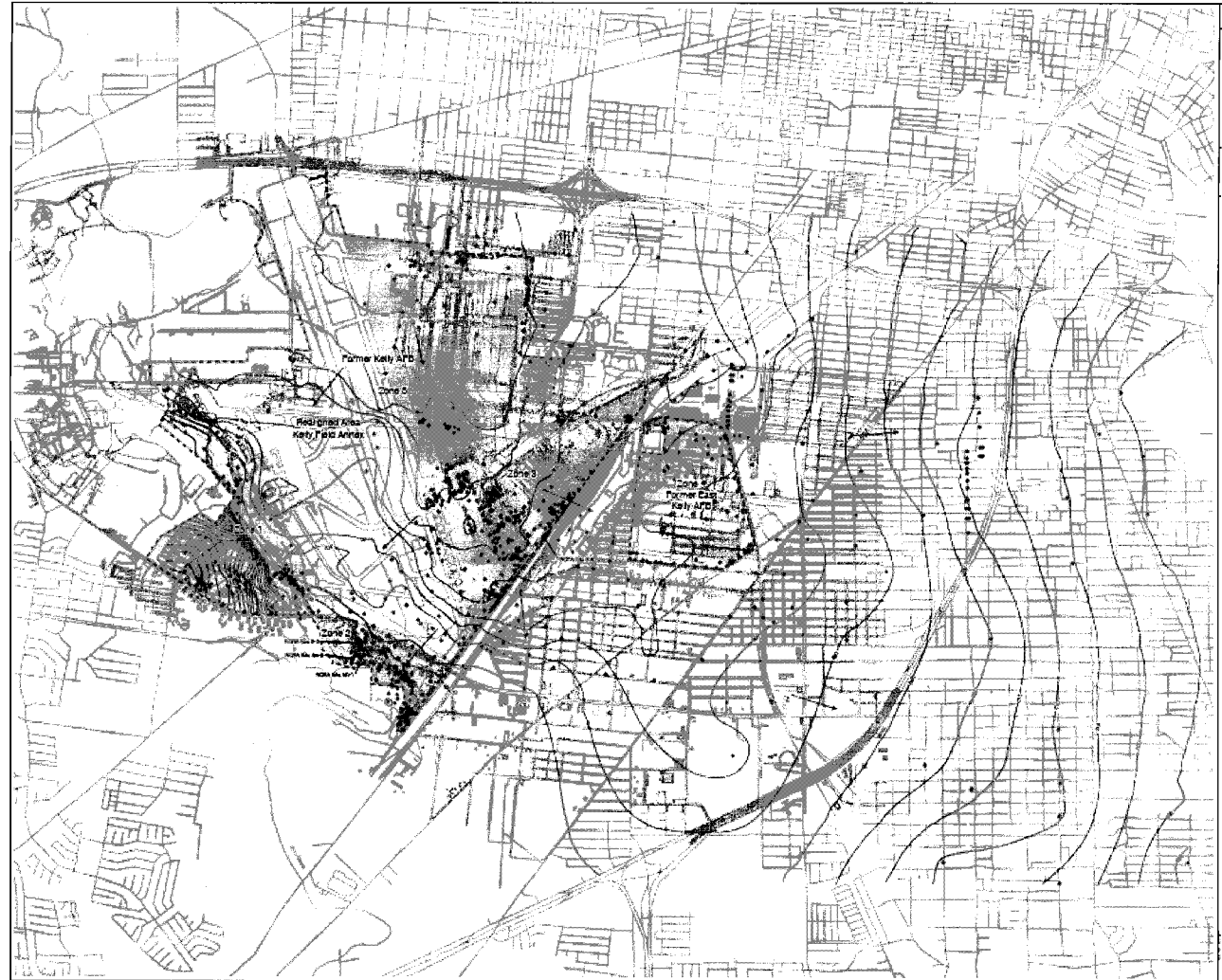
- ***Groundwater level data confirms a drop in groundwater levels from previous year's data associated with current drought conditions.***
- ***Groundwater level data collected basewide in March 2006 indicates that groundwater flow direction and patterns are similar to previous years.***



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Section 2: Groundwater Level Data Basewide Groundwater Potentiometric Map

**Collected over 1,000
water level
measurements in
March 2006; data was
used to develop a
basewide
groundwater
potentiometric map.**



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Section 3: RCRA–Regulated Units

Description of RCRA Units

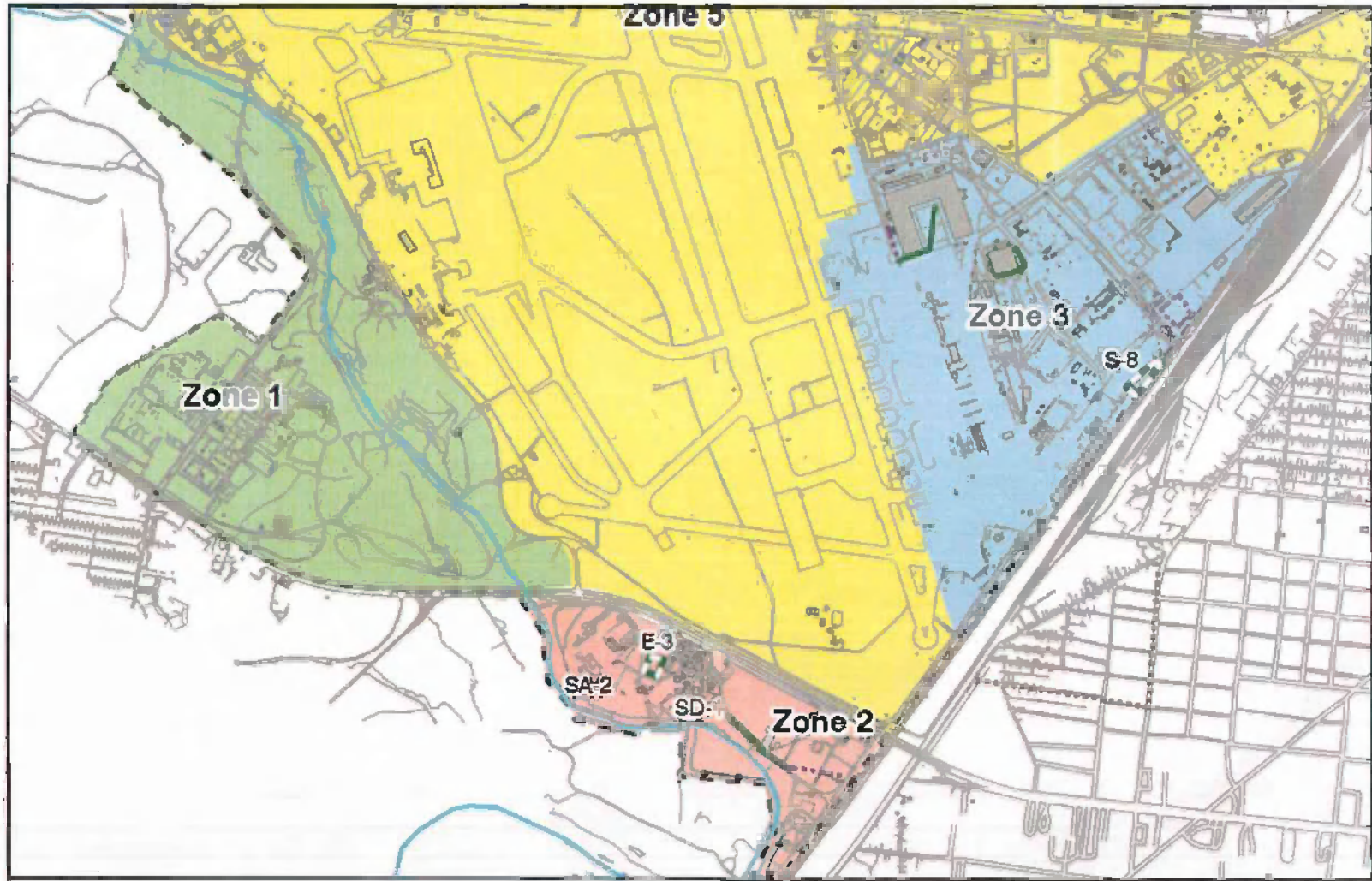
- **RCRA-regulated units listed in the Compliance Plan included:**
 - **Site E-3, Chemical Evaporation Pit, Zone 2;**
 - **Site SD-1, Former Sludge Drying Beds, Zone 2;**
 - **Site SA-2, Former Sludge Lagoon, Zone 2; and**
 - **Site S-8, Former Automated Engine Parts Cleaning Facility (AEPCF), Zone 3**
- **A Class 1 Permit and Compliance Plan Modification removing Sites SD-1 and SA-2 from the facility’s legal description in the permit was approved by the TCEQ on August 30, 2006.**
- **The January 2007 Compliance Plan Report only included an evaluation of Sites E-3 and S-8.**



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Section 3: RCRA-Regulated Units

Location of RCRA Units



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Section 3: RCRA–Regulated Units Scope of Work

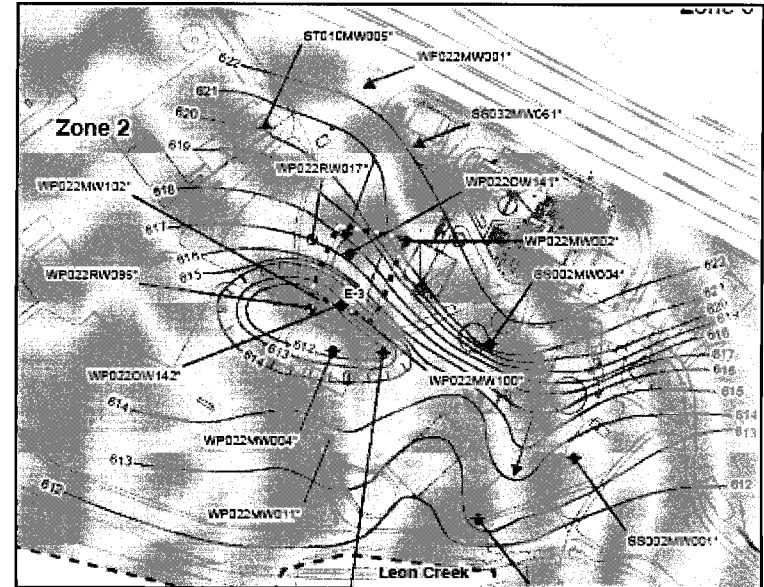
- *The RCRA Units are assessed by analyzing groundwater samples from monitoring wells.*
- *A total of 31 monitoring wells were sampled in July 2006.*
- *Groundwater samples were submitted to a laboratory for analysis of a broad range of chemicals including:*
 - *VOCs: volatile organic compounds*
 - *SVOCs: semi-volatile organic compounds*
 - *Inorganic compounds (metals and cyanide)*
 - *Pesticides (Zone 2 samples only)*
 - *Polychlorinated biphenyls (PCBs) (Zone 2 samples only)*
- *Field parameters collected during well purge included:*
 - *oxygen, redox potential, turbidity, pH, conductivity and temperature*



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Section 3: RCRA-Regulated Units Site E-3 WMA: RCRA Site E-3

- The Site E-3 WMA is located in the northern portion of Zone 2 and includes RCRA Site E-3 and peripheral areas.
- Site E-3 contains a groundwater recovery system with two vertical recovery wells and a soil vapor extraction (SVE) system. The majority of the groundwater recovery was from one well (WP022RW096) at an average rate of about 24 gallons per minute (gpm).
- Eight of 11 monitoring wells are compliant.
- Current COCs include:
 - Metals: arsenic, lead
 - VOCs: chlorobenzene, benzene, TCE, total 1,2-TCE, vinyl chloride, 1,2-TCA, 1,4-TBE
- Significant findings:
 - Approximately two feet of dense non-aqueous



phase liquid (DNAPL) was identified in POC well WP022MW100. This well historically reported both benzene and chlorobenzene concentrations

- Recovery well WP022RW096 appears to be operating effectively as a boundary control recovery well.
- Recommendations: Contaminants are still above GWPS in some wells, so system operation and monitoring should continue.

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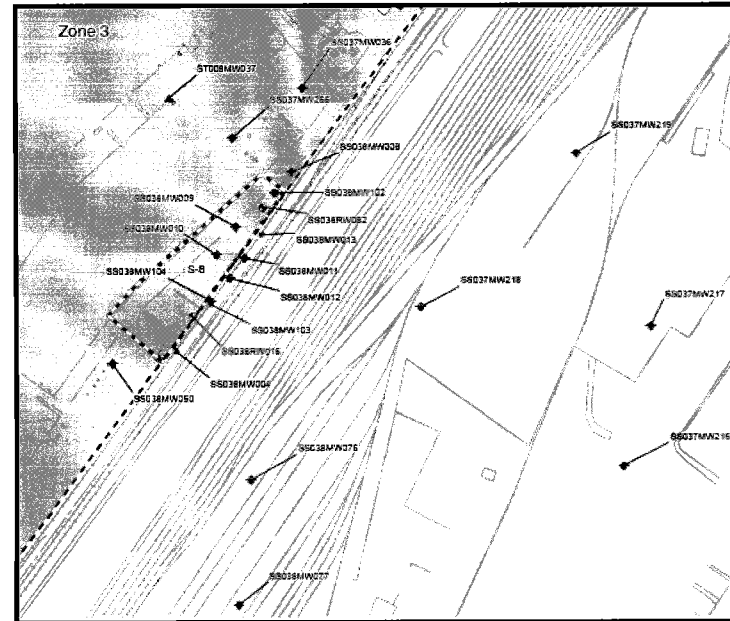


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Section 3: RCRA-Regulated Units

Site S-8 WMA: RCRA Site S-8

- **RCRA Site S-8 is located in the southeastern portion of Zone 3; RCRA Site S-8 extends off-base to the southeast beneath the adjacent UP rail yard.**
- **Site S-8 contains a groundwater recovery system with two vertical recovery wells.**
- **Five of sixteen monitoring wells are compliant.**
- **Current COCs include:**
 - **Metals: arsenic, chromium, lead, vanadium**
 - **VOCs: PCE, TCE, total 1,2-DCE, vinyl chloride, chlorobenzene, benzene,**
 - **SVOCs: BEHP**
- **Three monitoring wells contained LNAPL thicknesses between 0.07 and 0.71 feet.**
- **Significant findings:**
 - **PCE and TCE concentrations are associated with a larger groundwater plume originating at an upgradient source.**
- **The current recovery well network appears to be operating effectively as a boundary control system.**
- **Recommendations: Contaminants are still above GWPS in some wells, so system operation and monitoring should continue.**





Section 4: Leon Creek Assessment

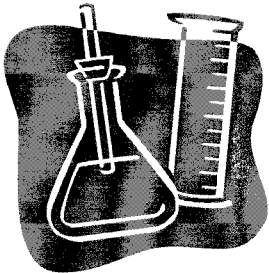
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Scope of Work

- 1. Physical Assessment
 - Surface water elevation and flow measurements



- 2. Chemical Assessment
 - Surface water and sediment sampling



- 3. Biological Assessment
 - Toxicity and fish tissue sampling
 - Habitat Assessment



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Section 4: Leon Creek Assessment Background

- ***Leon Creek is 45 miles long and receives water from more than 200 square miles of Bexar county.***
- ***3.5 miles flow adjacent to or through the former Kelly AFB.***
- ***Flow near the former Kelly AFB is typically low, less than 74.8 gallons per second, or 10 cubic feet per second, during dry conditions.***
- ***Flow measured more than 74,800 gallons per second (10,000 CFS) during heavy rains.***

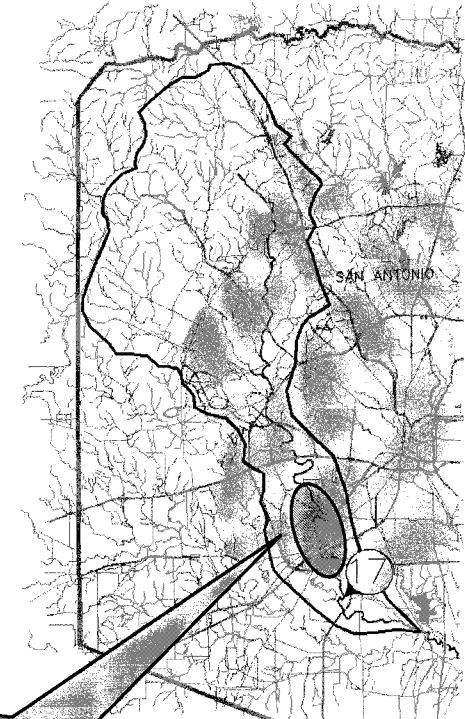


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Section 4: Leon Creek Assessment

Description of Leon Creek

- ***Small, shallow, slow moving urban stream flowing through western San Antonio***
- ***Lack of tree cover causes high water temperatures, which reduces the amount of oxygen in the water***
- ***Highly susceptible to flash flooding***
- ***Receptacle for urban runoff***



**Adjacent
to Kelly AFB**

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Section 4: Leon Creek Assessment

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Scope of Work

- **Samples collected from the creek consisted of:**
 - **surface water samples**
 - **sediment samples**
 - **effluent from seeps and outfalls**
 - **a biological assessment of plant and animal communities in the creek.**
- **Biological monitoring tests were conducted at eight stream stations and three reference creeks:**
 - **Rapid Bioassessment**
 - **Chronic Toxicity**
 - **Fish tissue**
- **Sampling was also performed at three reference creeks not impacted by the former Kelly AFB for comparison:**
 - **Salado Creek**
 - **Medio Creek**
 - **Medina River**





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Section 4: Leon Creek Assessment

Scope of Work

Sample results are compared to:

- ***Historic contaminant trends and biological assessments to identify changes in environmental conditions associated with Leon Creek***
- ***Texas Soil and Water Quality Standards to determine if concentration levels are below those of concern to regulatory agencies***
 - ***Texas Water Quality Standard (TWQS) guidelines come from the Guidance for Assessing Texas Surface and Finished Drinking Water Quality Data, 2004***
 - ***The criteria from this document are screening criteria. They do not necessarily mean that exceeding one or more standards indicates a risk to human health and the environment, but that possible risk exists.***

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Section 4: Leon Creek Assessment

Findings

- ***Analyses of surface water samples identified eight organic and eleven inorganic constituents.***
- ***Analyses of sediment samples identified 26 organic constituents and 17 inorganic constituents.***
- ***The results from samples taken from Leon Creek showed 4 constituents in the surface water and 20 constituents in the sediment were found to be above TWQS guidelines.***



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Section 4: Leon Creek Assessment

Findings (Continued)

- Chemicals reported in sediment samples above TWQS are listed to the right:



Inorganics	Organics
Chromium	benzo(a)anthracene
Copper	benzo(b)fluoranthene
Lead	bis (2-ethyl-hexyl) phthalate
Mercury	Chrysene
Nickel	Fluoranthene
Selenium	Indeno(1,2,3-c,d)pyrene
Silver	Phenanthrene
Zinc	Pyrene
	4,4'-DDD
	4,4'-DDT
	PCB-1254
	PCB-1260



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Section 4: Leon Creek Assessment

Findings (Continued)

Chemicals in Surface Water Above TWQS

- ***One pesticide (heptachlor) was detected upstream from the former Kelly AFB.***
- ***Chromium (dissolved) was detected above TWQS criteria at one outfall.***
- ***PCE was detected above TWQS freshwater criteria at two seeps.***
- ***TCE was detected above TWQS freshwater criteria at one seep.***



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Section 4: Leon Creek Assessment

Findings (Continued)

Surface Water and Sediment Observations:

- *Some constituents found in Leon Creek surface water are potentially related to nearby groundwater plumes. However, other constituents directly related to upstream conditions, onsite storm water and wastewater outfalls draining into Leon Creek.*
- *Trend analyses for Leon Creek have identified that the majority of exceedances for surface water and sediment can be associated with Zone 2.*
- *Samples collected from the three reference creeks identified heptachlor and lead above TWQS criteria in surface water and lead and selenium above TWQS criteria in sediment.*

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Section 4: Leon Creek Assessment

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Findings (Continued)

- ***Results of fish tissue samples collected for the purpose of ecosystem monitoring at eight Leon Creek stations and three reference stations identified:***
 - ***Six pesticides and one PCB were detected in the fish tissue (whole body) samples collected in July and August 2006.***
 - ***None of the detected parameters exhibited concentrations that exceeded the applicable TCEQ screening levels***



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Section 4: Leon Creek Assessment

Overall Conclusion

Overall, the structure of Leon Creek's biological communities is impaired. Habitat, represented by low water flow, was the main limiting factor, but physical-chemical impairment as a contributing factor cannot be dismissed. Many of the biological indices show that water quality may contribute to this effect. Water quality in this portion of Leon Creek may be affected by the surrounding land use, extreme water flow conditions, and elevated levels of some surface water and sediment contaminants.

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Section 5: Annual WMA Assessment Overview

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The purpose of Section 5 (Annual WMA Assessment) of the Semiannual Compliance Plan Report is:

- ***To evaluate the effectiveness of ongoing groundwater remediation efforts and provide recommendations for future actions at the former Kelly AFB***
- ***To fulfill the sampling requirements of the TCEQ Compliance Plan CP No. CP-50310 and subsequent modifications.***
- ***To describe current remedial activities, summarize results of groundwater data collected during 2006, and evaluate these results with respect to historical data.***



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Section 5: Annual WMA Assessment Scope of Work

- ***Sampled 331 groundwater monitoring wells and 29 groundwater recovery wells on and off-base during April – June 2006. Samples submitted to a laboratory for analysis of a broad range of chemicals including:***
 - ***VOCs: volatile organic compounds***
 - ***SVOCs: semi-volatile organic compounds***
 - ***metals, cyanide, pesticides and polychlorinated biphenyls (PCBs)
(Pests/PCBs - Zones 1 & 2 only)***
- ***Sampled 87 monitoring wells or piezometers associated with permeable reactive barriers (PRBs). Samples submitted to a laboratory for analysis of VOCs.***
- ***Collected the following field parameters during well purging and sampling:***
 - ***oxygen, redox potential, turbidity, pH, conductivity, and temperature***

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Section 5: Annual WMA Assessment Compliance Evaluation

- **Analytical results for sampled monitoring wells associated with each site were compared to the Groundwater Protection Standards (GWPS) listed in the Compliance Plan.**
- **Compliance tables were developed for each site identifying compliance on a well-by-well basis.**
- **Compliance tables including a listing, by well, of each analyte that exceeded the GWPS (where applicable).**

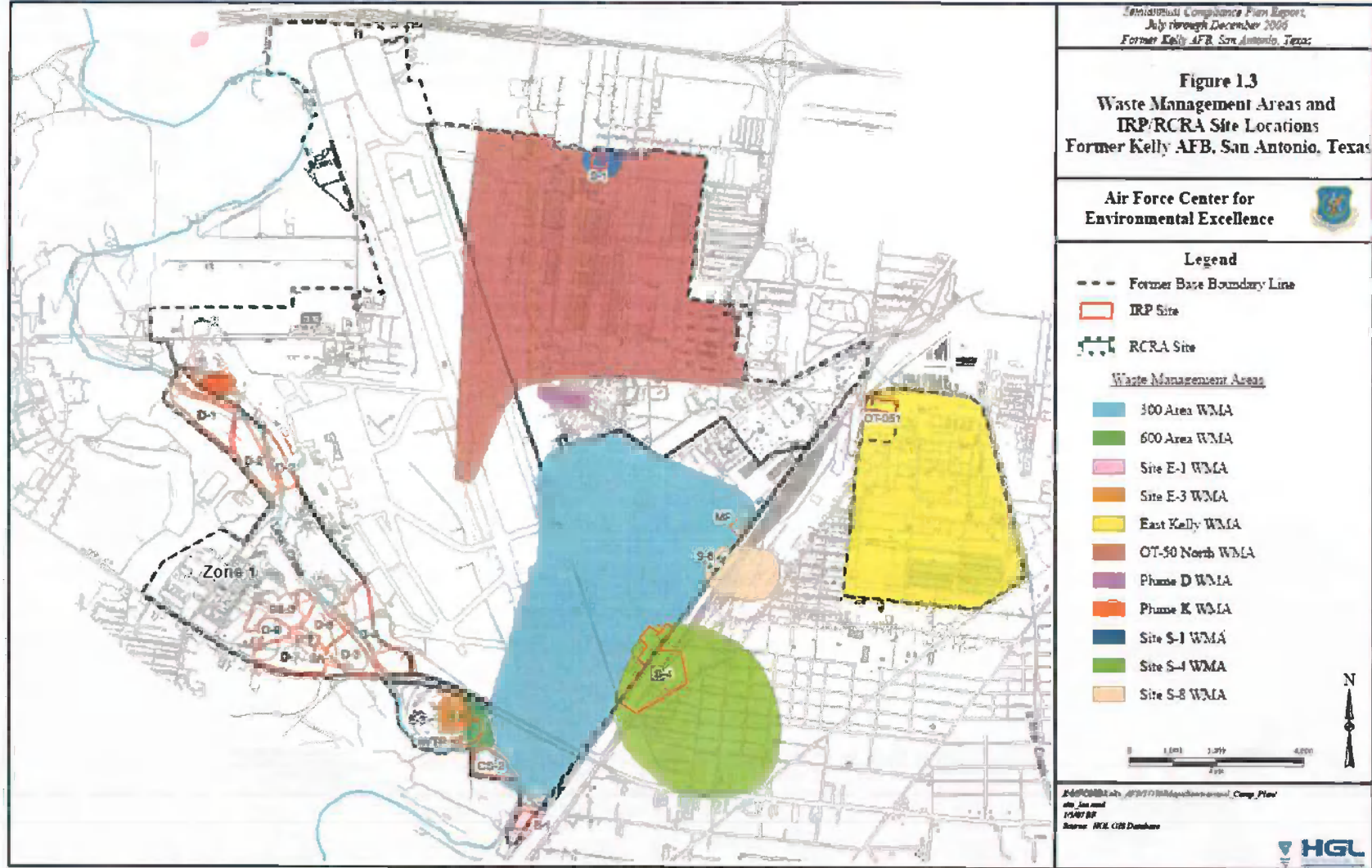
Well	Compliant	Parameters	Concentration	GWPS
SS032MW061	Yes	---	---	---
ST010MW005	Yes	---	---	---
WP022MW001	Yes	---	---	---
WP022MW002	Yes	---	---	---
WP022MW004	Yes	---	---	---
WP022MW011	No	Lead	54.2	15
WP022MW014	Yes	---	---	---
WP022MW100	No	2 ft DNAPL	---	---
WP022OW141	No	total 1,2-DCE vinyl chloride	270 48.9	70 2
WP022OW142	No	1,2-TCA 1,4-TBE arsenic benzene chlorobenzene TCE vinyl chloride	21.5 1,050 64.7 239 17,600 18 102	5 75 50 5 100 5 2
WP022RW096	Yes	---	---	---

Sample Compliance Table



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Section 5: Annual WMA Assessment Evaluated Sites



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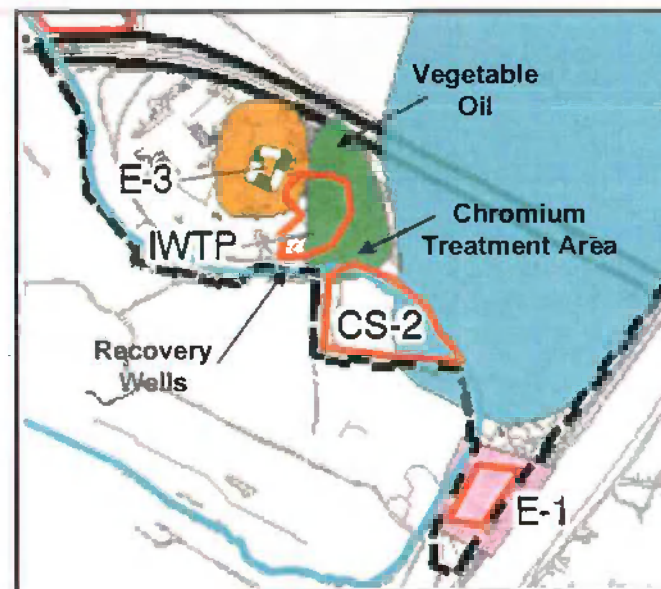


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Section 5: Annual WMA Assessment

600 Area WMA

- **Remediation systems:**
 - Groundwater recovery system consisting of 3 vertical recovery wells is in operation
 - Vegetable oil injection was performed in February 2006 to enhance natural degradation of PCE and TCE in the subsurface
 - HRC[®] was injected in the southeastern portion of the 600 Area WMA and northwest of the Zone 2 PRB in Fall 2004 to treat hexavalent chromium
- One of nine monitoring wells is compliant
- **Current COCs in groundwater include:**
 - **Metals:** chromium
 - **VOCs:** PCE, TCE and vinyl chloride
- **Significant Findings:**
 - The current recovery well network appears to be operating effectively as a boundary control system
 - The current recovery well network may be pulling PCE contaminated groundwater cross-gradient from a plume located east of the site
- **Recommendations:** Continue annual monitoring



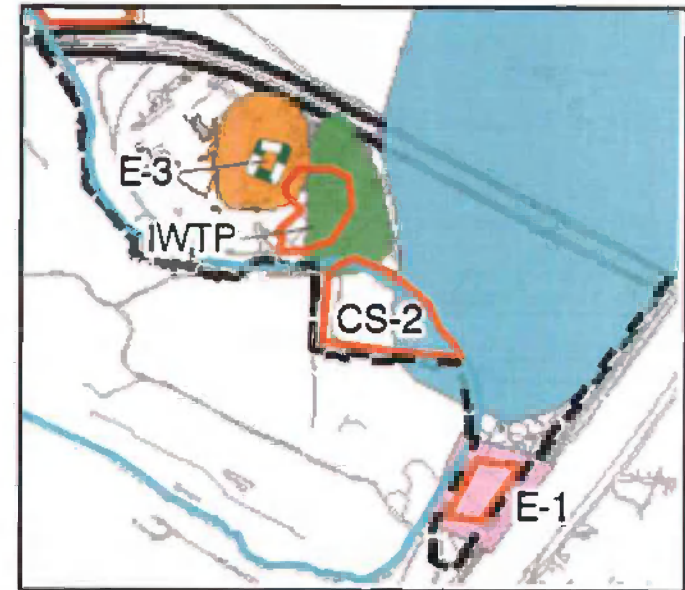


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Section 5: Annual WMA Assessment

Site E-1 WMA, Site E-1

- *Site E-1 is a former evaporation pit site*
- *A groundwater recovery system consisting of a recovery trench with four standpipes. Water is actively being recovered from 2 of the 4 standpipes.*
- *Source material removal (excavation) completed in Spring 2005*
- *Five of seventeen monitoring wells are compliant*
- *Current COCs in groundwater include:*
 - *Metals: chromium*
 - *VOCs: PCE, TCE, total 1,2-DCE, vinyl chloride, benzene, chlorobenzene*
 - *SVOCs: 1,4-DCB*
- *Significant Findings:*
 - *TCE was reported in two wells located downgradient of the recovery trench. Groundwater modeling suggests the reported TCE concentrations may not be related to the groundwater plume located upgradient of the recovery trench.*
 - *The current recovery well network appears to be operating effectively as a boundary control system*
 - *Recommendations: Continue annual monitoring*



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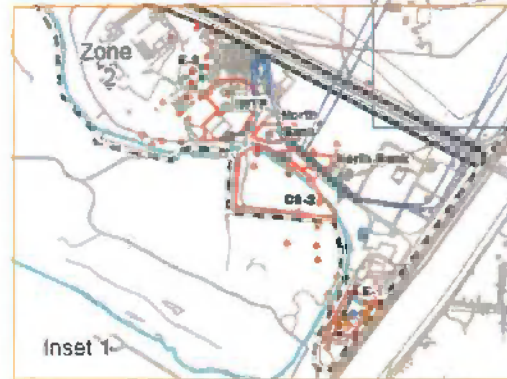
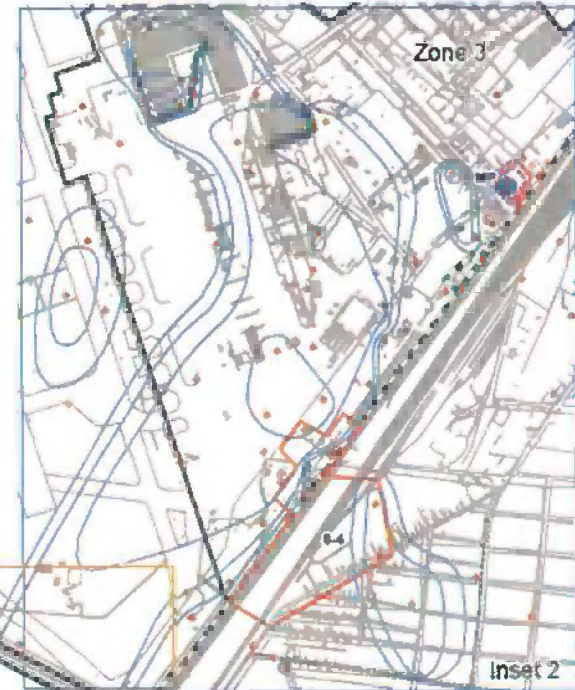


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Section 5: Annual WMA Assessment

300 Area WMA, PCE and TCE Plumes

- **The 300 Area WMA includes the majority of Zone 3, crosses the southern portion of Zone 5 and extends through the central portion of Zone 2**
- **The WMA is characterized by PCE and TCE plumes**
- **The PCE and TCE plumes appear to be contained within the base boundaries**
- **Significant Findings:**
 - **A water sample from Seep KY030SP003 reported a PCE concentration exceeding the TWQS. This seep is located downgradient from the Zone 2 PRB, and likely associated with a residual PCE plume that was “cut off” when the PRB was installed.**
 - **A water sample from seep KY030SP011 reported PCE and TCE concentrations exceeding the TWQS. This seep is located downgradient from the Zone 2 slurry wall, and likely associated with a residual PCE plume that was “cut off” when the slurry wall was installed.**
 - .



PCE Isoconcentration Map



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Section 5: Annual WMA Assessment

300 Area WMA, Building 360 PRB

- **The Building 360 PRB and associated slurry wall was installed in 2003 in the northern part of the Zone 2 portion of the WMA to treat VOC contaminated groundwater near a former aerospace maintenance facility**
- **A series of monitoring wells installed in transects across the PRB are used to evaluate effectiveness of the structure**
- **Two of five downgradient transect wells reported PCE, TCE, total 1,2-DCE and/or vinyl chloride above GWPS values**
- **Significant Findings:**
 - **The PRB appears to be operating as designed**
- **Recommendations: Continue annual monitoring**



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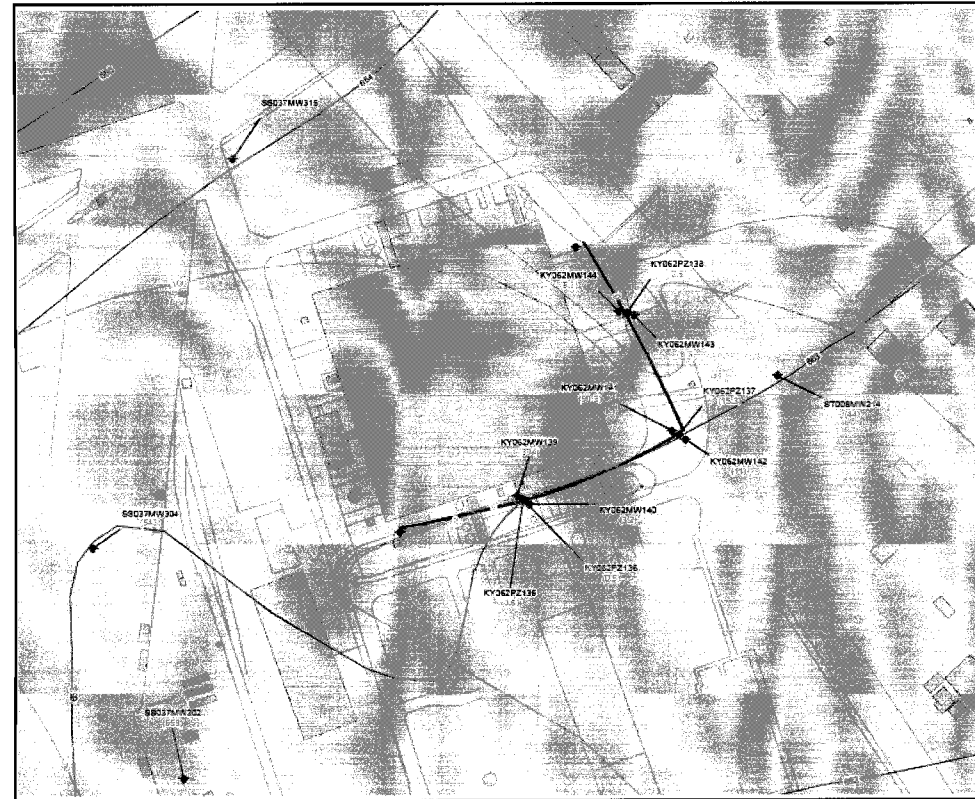


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Section 5: Annual WMA Assessment

300 Area WMA, Building 301 PRB

- **The Building 301 PRB was installed in 2003 in the northern part of the Zone 3 portion of the WMA to treat VOC contaminated groundwater near a former metal plating shop**
- **A series of monitoring wells installed in transects across the PRB are used to evaluate effectiveness of the structure**
- **One of three downgradient transect wells reported PCE, TCE, total 1,2-DCE and/or vinyl chloride above GWPS values**
- **Significant Findings:**
 - **The PRB appears to be operating as designed**
- **Recommendations: Continue annual monitoring**



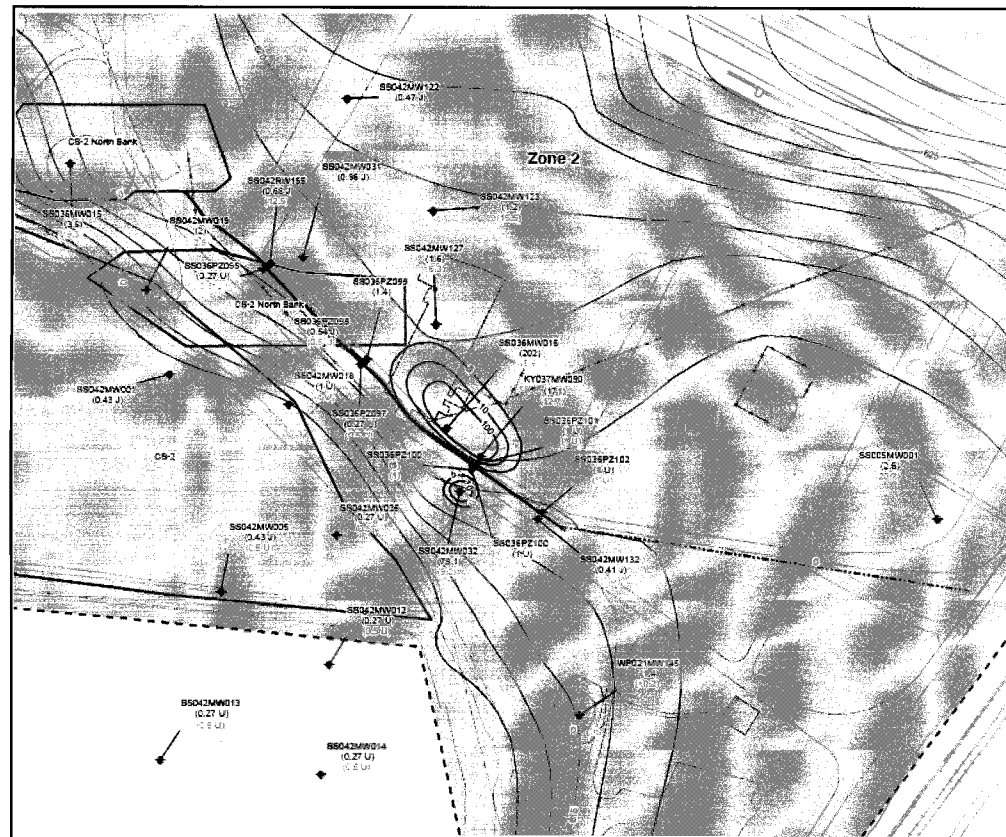


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Section 5: Annual WMA Assessment

300 Area WMA, Zone 2 PRB

- The Zone 2 PRB and associated slurry wall was installed in 2004 in the central part of the Zone 2 portion of the WMA to protect Leon Creek, located immediately downgradient of the PRB
- A series of monitoring wells installed in transects across the PRB are used to evaluate effectiveness of the structure
- Two of four downgradient transect wells reported TCE and/or vinyl chloride above GWPS values
- Significant Findings:
 - PCE and/or TCE concentrations were reported in two downgradient wells above the GWPS. The plume on the south side of the PRB appears to have been "cut off" following the installation of the PRB.
 - The PRB appears to be operating as designed
- Recommendations: Continue annual monitoring



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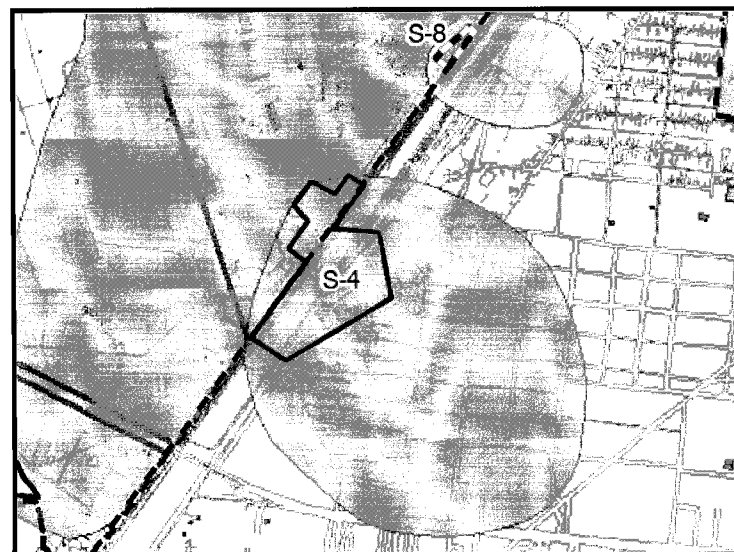


Section 5: Annual WMA Assessment

Site S-4 WMA, Site S-4

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- **Site S-4 is a former fuel spill area. The Site S-4 WMA and Site S-4 boundaries extend off-site to the southeast beneath the adjacent UP rail yard.**
- **Site S-4 has a groundwater recovery system consisting of seven vertical recovery wells, two active on-base groundwater recovery trenches, two inactive (dry) off-base recovery trenches, and an off-base impermeable barrier (culvert)**
- **Six of 27 monitoring wells are compliant**
- **Current COCs in groundwater include:**
 - **Metals: arsenic, lead**
 - **VOCs: PCE, TCE, total 1,2-DCE, vinyl chloride, benzene**
 - **SVOCs: 2-methyl-naphthalene**
- **Significant Findings:**
 - **Elevated PCE, TCE, total 1,2-DCE, and vinyl chloride are probably associated with the upgradient Area 300 PCE and TCE plumes**
 - **The current recovery well network appears to be operating effectively as a boundary control system**
- **Recommendations: Continue annual monitoring**



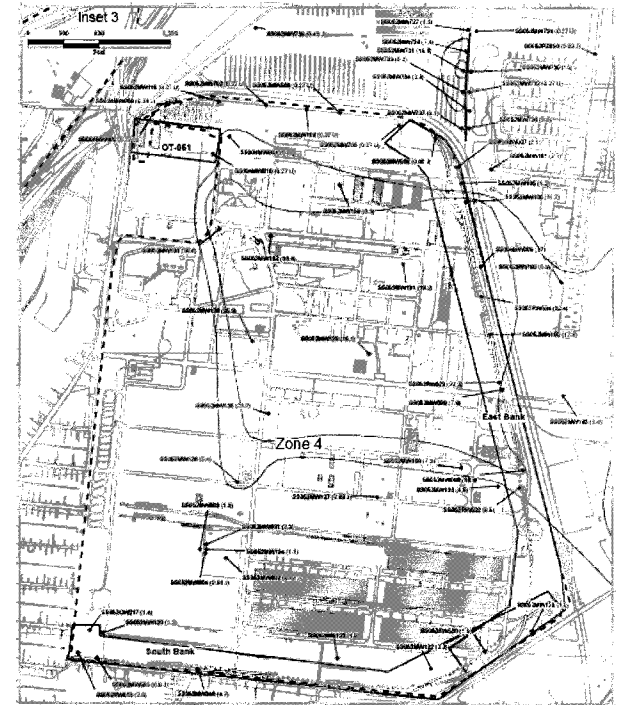


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Section 5: Annual WMA Assessment

East Kelly WMA, East and South Banks

- **East and South Bank Sites are groundwater recovery systems associated with the Zone 4 (East Kelly) PCE and TCE plumes**
- **East Bank consists of five horizontal, overlapping wells (four wells were active in 2006)**
- **South Bank consists of 5 overlapping horizontal wells and three vertical recovery wells (two wells were active in 2006)**
- **The Zone 4 GWTP is located within East Bank**
- **Six of 24 monitoring wells are compliant**
- **Current COCs in groundwater include:**
 - **VOCs: PCE, TCE, 1,1-DCE, vinyl chloride**
- **Significant Findings:**
 - **Because no contamination plumes are present in the vicinity of South Bank, all recovery wells were shut down by the close of 2006**
 - **The northern-most well within East Bank has been shut down to avoid pulling contamination from an off-site source onto the site**
- **Recommendations: Continue annual monitoring**



TCE Isoconcentration Map

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Section 5: Annual WMA Assessment

East Kelly WMA, Site OT-51

- ***Site OT-51 is located in the northwest corner of East Kelly in the vicinity of the former IWCS***
- ***Vegetable oil injection was performed in Fall 2002 to enhance natural degradation of PCE and TCE in the subsurface***
- ***Three of five monitoring wells are compliant***
- ***Current COCs in groundwater include:***
 - ***VOCs: TCE, vinyl chloride***
- ***Significant Findings:***
 - ***Natural degradation of TCE has occurred. Residual vinyl chloride is present within the area.***
- ***Recommendations: Continue annual monitoring***



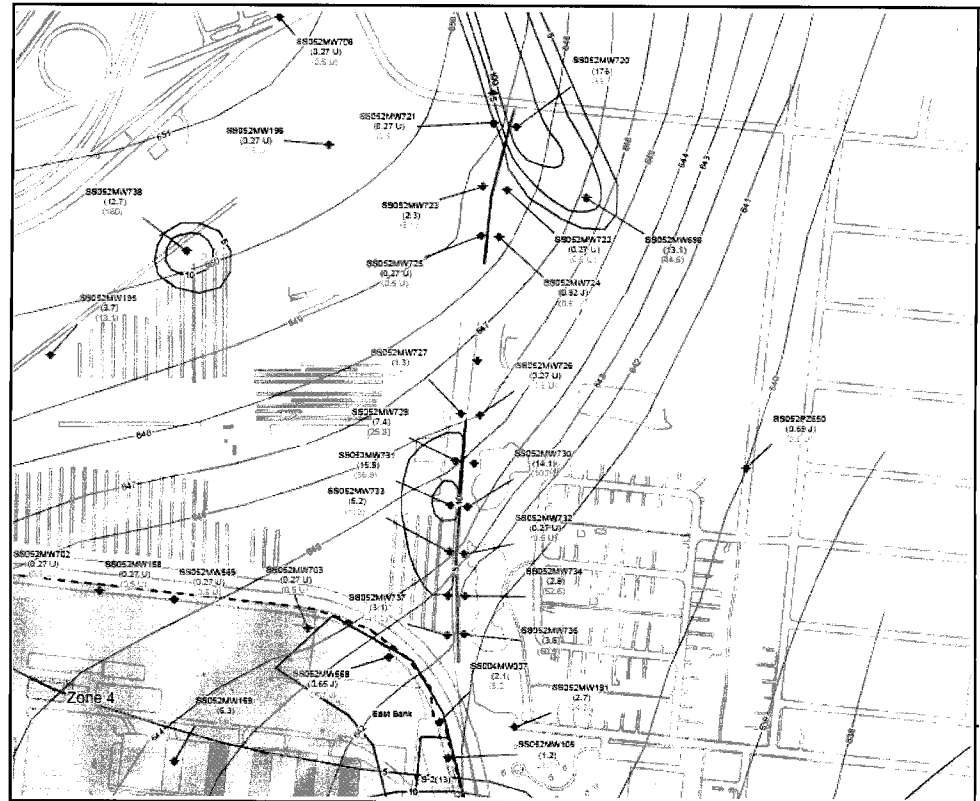


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Section 5: Annual WMA Assessment

East Kelly WMA, UPRR PRB

- **The UPRR PRB was installed in two segments in 2005 off-base to the north of East Kelly**
- **A series of monitoring wells installed in transects across the PRB are used to evaluate effectiveness of the structure**
- **Four of nine downgradient transect wells reported PCE, TCE, total 1,2-DCE and/or vinyl chloride above GWPS values**
- **Significant Findings:**
 - **GWPS exceedances represent pre-PRB construction conditions.**
 - **The northern segment of the PRB only impacts a portion of a**
- **TCE plume that originates at an off-base source**
- **The PRB appears to be operating as designed**
- **Recommendations: Continue annual monitoring**



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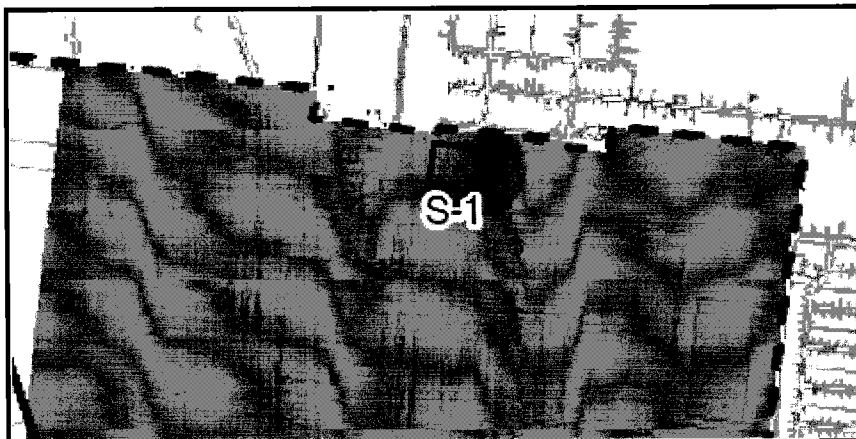


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Section 5: Annual WMA Assessment

Site S-1 WMA, Site S-1

- *Site S-1 is a former waste oil storage area located in the north-central portion of Zone 5*
- *Source area removal (excavation) was performed in 1999*
- *A groundwater recovery system consisting of a two vertical recovery wells, and an SVE system consisting of eleven vent wells; each vent well also contains a controllerless pump that recovers groundwater.*
- *Zone 5 GWTP is located within Site S-1*
- *Four of seven monitoring wells are compliant*
- *Current COCs in groundwater include:*
 - *VOCs: benzene, chlorobenzene, PCE, total 1,2-DCE*
 - *SVOCs: 1,2-DCB, 1-4,DCB, 2-methyl naphthalene*
- *Significant Findings:*
 - *The current recovery well network appears to be operating effectively as a boundary control system*
- *Recommendations: Continue annual monitoring*



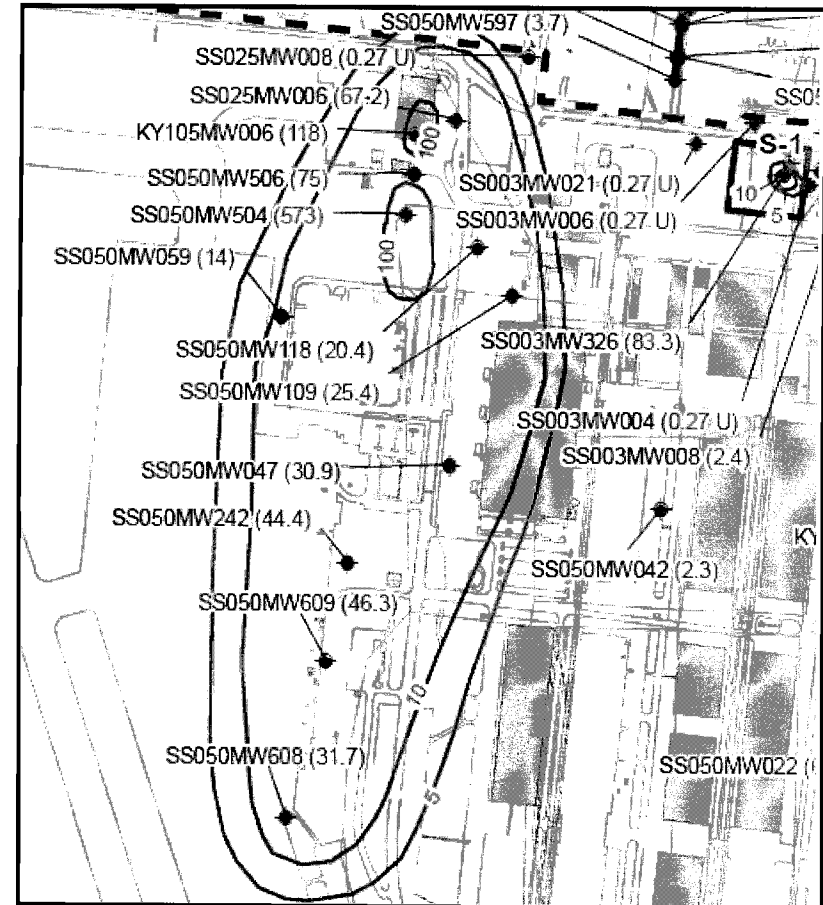


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Section 5: Annual WMA Assessment

OT-50 North WMA, Building 1414

- **Building 1414 is located in the northwest portion of the OT-50 North WMA, west to southwest of Site S-1**
- **Vegetable oil injection was performed in March 2006 to enhance natural degradation of PCE and TCE in the subsurface**
- **Insufficient time elapsed between injection and well sampling to evaluate effectiveness of the vegetable oil injection**
- **Significant Findings: None**
- **Recommendations: Continue annual monitoring**



TCE Isoconcentration Map

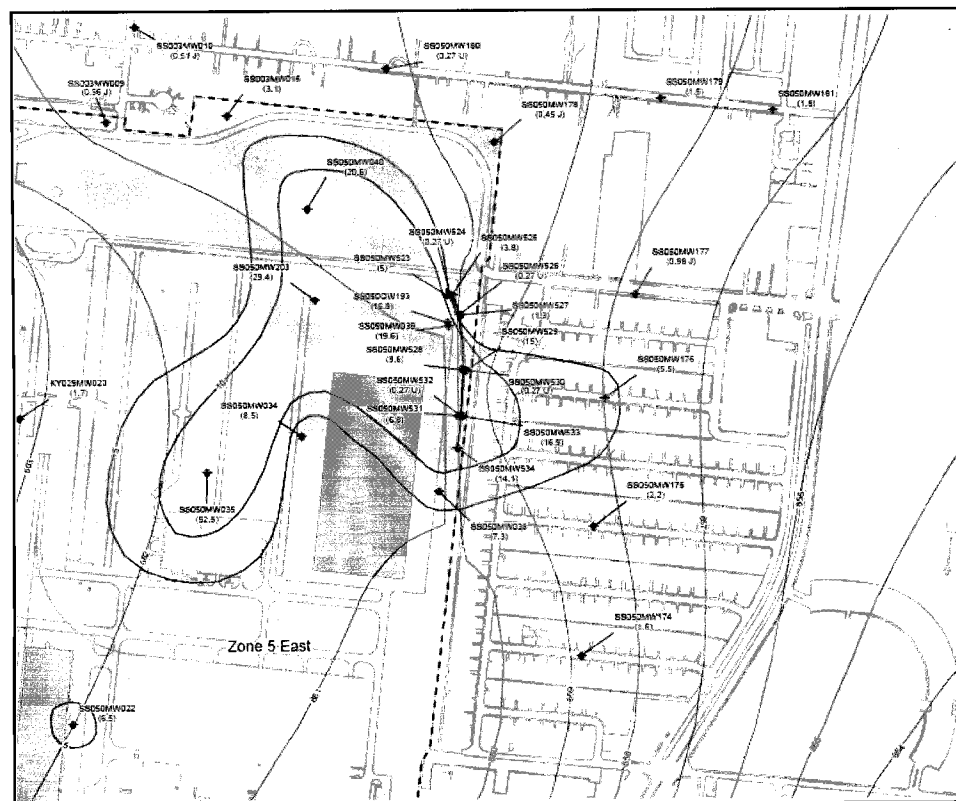
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Section 5: Annual WMA Assessment OT-50 North WMA, Building 1533 PRB

- **The Building 1533 PRB was installed 2002 in the northeast corner of the OT-50 North WMA**
- **A series of monitoring wells installed in transects across the PRB are used to evaluate effectiveness of the structure**
- **Two of four downgradient transect wells reported TCE above GWPS**
- **Significant Findings:**
 - **The two downgradient transect wells with GWPS exceedances are along the southern portion of the PRB. The southern by-pass well also shows GWPS exceedances.**
- **Recommendations: Continue annual monitoring**

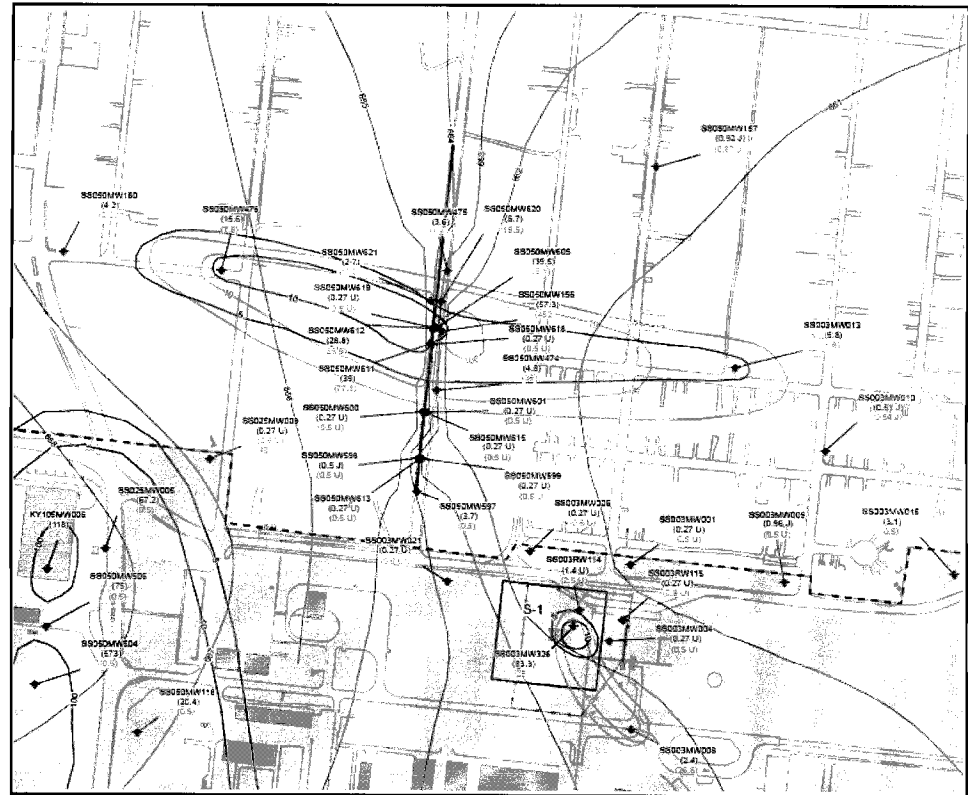




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Section 5: Annual WMA Assessment OT-50 North WMA, 34th Street PRB

- **The 34th Street PRB was installed in 2004 off-base to the north of Zone 5**
- **A series of monitoring wells installed in transects across the PRB are used to evaluate effectiveness of the structure**
- **Two of five downgradient transect wells reported PCE, TCE, and total 1,2-DCE above GWPS**
- **Significant Findings:**
 - **GWPS exceedances could represent pre-PRB construction conditions**
 - **The PRB appears to be operating as designed**
- **Recommendations: Continue annual monitoring**



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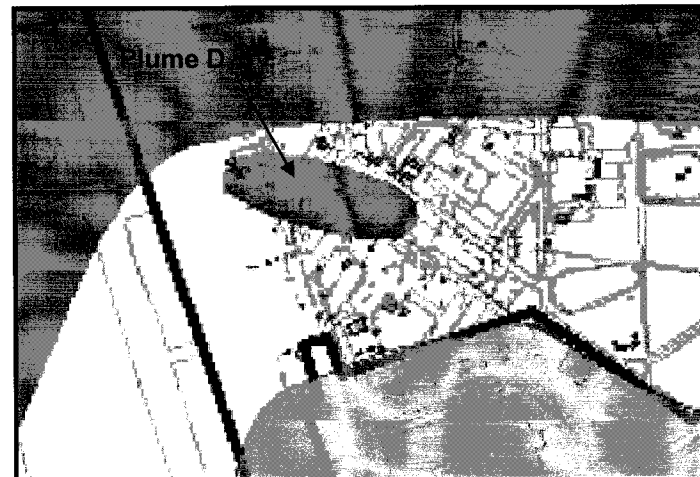
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Section 5: Annual WMA Assessment

Plume D WMA

- *Plume D is located in the central portion of Zone 5, immediately north of Zone 2*
- *Two historic source areas include PCE in the vicinity of Building 1600 and TCE in the vicinity of building 1650*
- *HRC© was injected at both areas between August and October 2002*
- *Each of the seven monitoring wells are noncompliant*
- *Current COCs in groundwater include:*
 - *VOCs: TCE, total 1,2-DCE, vinyl chloride, benzene*

- *Significant Findings:*
 - *Four of the seven wells continue to show TCE concentrations above the GWPS. One of these wells reported a TCE concentration of 54,800 ug/L, representing the highest TCE concentration reported from the 2006 sampling events.*
- *Recommendations: Continue annual monitoring.*





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Status of PCE and TCE Plumes Basewide

Figures on the following slides show the PCE and TCE groundwater plumes based on 2006 data (green shaded areas). For comparison, the extent of the PCE and TCE plumes are also shown.

General Conclusion: Overall, PCE and TCE plumes encompass less areal extent. On a localized basis, containment and/or remediation systems, such as the systems installed at Site MP, are showing a positive effect on reducing the extent and concentration levels in these groundwater plumes.

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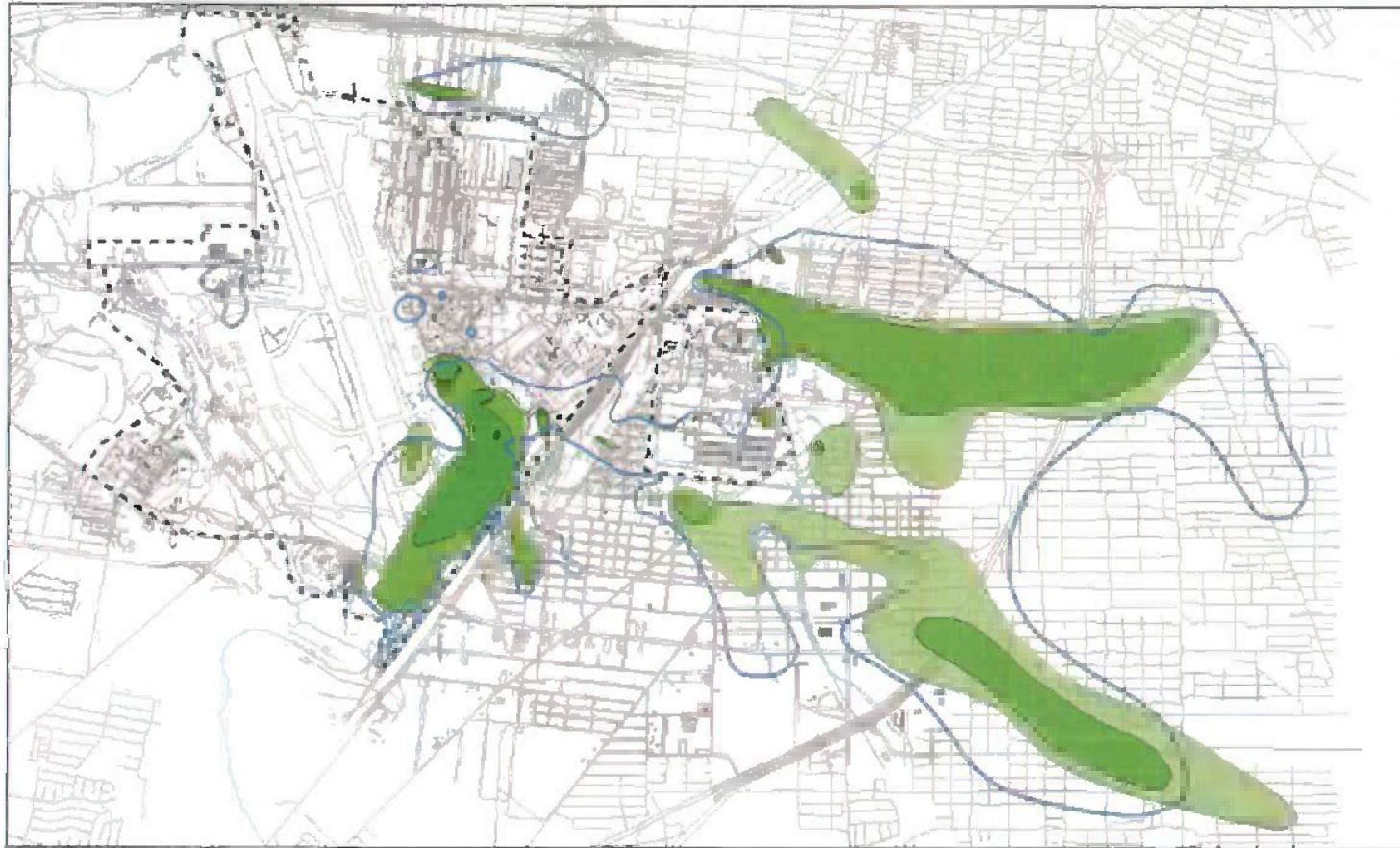


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Status of PCE Plumes Basewide

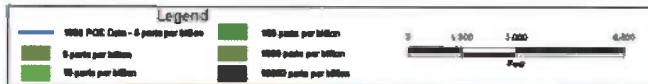
2007 PCE Basewide Compliance Plan (2006 Well Sample Data)

Source: Air 2007 Remedial Compliance Plan Report (R6)



S:\P\2007\2007 Remedial Compliance Plan Report (R6)_Rev_1_PCE_SiteMap.mxd, PCE, 1/17/2007

Date: 02 April 2007



Air Force
Real Property Agency
Former Kelly AFB, Texas



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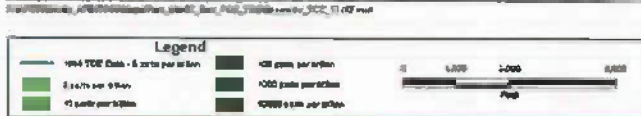


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Status of TCE Plumes Basewide

2007 TCE Basewide Compliance Plan (2006 Well Sample Data)

Source: 2007 Basewide Compliance Plan Report, HQ



Air Force
Real Property Agency
Former Kelly AFB, Texas

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Successes in 2006

- ***A Class 1 Permit and Compliance Plan Modification removing RCRA Sites SD-1 and SA-2 from the facility's legal description in the permit was approved by the TCEQ on August 30, 2006.***
- ***Class 3 Modification for Zones 4 and 5 was approved by TCEQ***
- ***Modifications to the Building 522 and Site E-3 soil treatment systems were completed in September 2006***
- ***Vegetable oil injections were completed at 5 locations to enhance natural degradation of chlorinated solvents:***
 - ***Building 621 (Zone 2)***
 - ***Building 522 (Zone 2)***
 - ***Building 331 (Zone 3)***
 - ***Rainmaker Park (Zone 4)***
 - ***Building 1414 (Zone 5)***
- ***Construction started on SVE systems at Buildings 348 and 360.***
- ***All wells at South Bank (Zone 4) were shut down since there is no longer groundwater contamination present in this area.***



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Questions ??

Report Available for Review at:

(1) Public Library - Downtown

Central Library - Government documents (2nd floor)
600 North Soledad St.

(2) Environmental Health and Wellness Center

911 Castroville Road

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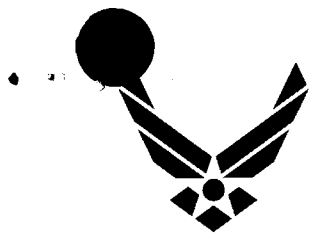


Public Comment Period

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8:00pm – 8:15pm

- Public Comment Period
 - Comments limited to three minutes per person



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RAB Open Discussion/April 2007 Meeting Agenda

8:15pm – 8:30pm

- RAB Open Discussion
- Meeting Agenda for 10 July 2007
 - Proposed May 2007 timeframe Charter Review Subcommittee meeting
 - Proposed June 2007 timeframe Special RAB Meeting – Charter revisions
 - 10 July 2007 – Quarterly Kelly RAB Meeting

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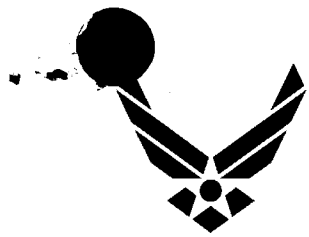


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Adjournment

8:30pm

- **Adjournment**



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Notes – Upcoming Meetings

■ Upcoming 2007 RAB Meetings:

- 10 July 2007, 6:30pm
- 9 October 2007, 6:30pm

■ Location:

- Port Authority San Antonio - Main Boardroom

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Former Kelly Air Force Base (BRAC) Cleanup Team (BCT)
10 January 2007 Meeting Minutes

The BCT Meeting began at 10 am on 10 January 2007 in Conference Room #2 at the Air Force Real Property Agency Chief Operations Office - Kelly (AFRPA/COO-K) in San Antonio. Listed below are the attendees and a summary of the BCT meeting.

Item #	Lead	Support	Discussion Topic	Comments	Discussion Topic Concluded	Disposition/Action Items
1.	Ravichandran, M.	Braddy, G.	Zone 1 Update	Review interim remedial actions conducted in Zone 1 and status of CMS.	Yes	<p>Landfill (LF) 12 and 14 remedial action were completed in December 2006. Remedial action included excavation of drums and contaminated soil. The contaminated soil and debris were treated with oxidation. Air monitoring was conducted during the remedial action.</p> <p>LF 12 Remedial Action:</p> <ul style="list-style-type: none"> • No odor complaints received. • No significant vapors were detected outside the perimeter zone. • No notable trespassers incidents occurred during the removal. • MW156 was removed. Historical sampling events of the monitoring well indicated presence of DNAPL/sludge. The well was completed through a drum located in the landfill. • Some drums contained liquid. Most drums were punctured during excavation but all liquids were captured with soil and subsequently removed and dispose offsite. <p>LF 14 Remedial Action:</p> <ul style="list-style-type: none"> • None of the drums contained liquid, only sludge. • MW85 was removed during the drum removal. <p>Draft Final CMS Volume 3, Corrective Measures Study (CMS) Remedial Alternative Evaluation Report will be ready for submittal to the regulators by the end of next week.</p> <p>Response to TCEQ and EPA's comments on Volumes 1 and 2 of the CMS will be provided to the government for review by the end of January.</p> <p>The Corrective Measures Implementation Workplan will be prepared in anticipation of approval of the CMS.</p> <p>Plans are underway to begin Leon Creek bank restoration at LFs 11, 12, and 14 in March 2007. Landfill cap construction will begin at Group 1 sites (LF11, LF13, SS043) in March 2007.</p>

Item #	Lead	Support	Discussion Topic	Comments	Discussion Topic	Disposition/Action Items
2.	Ravichandran, M.		Zone 5 Update	Review Zone 5 SWMU project.	Yes	Lackland AFB has programmed FY09 funding to conduct additional investigation at the Bldg 894 Container Storage Area and Bldg 966 (Zone 5 Compliance Plan sites) and attain closure of the sites. Mark Weegar, TCEQ, requested a letter providing current status of the sites and providing an explanation of the funding situation.
3.	Landez, N.		Property Transfer	Review FY07 property transfer goal, schedule, and actions needed.	Yes	Zone 4 and Zone 5 Class 3 Modification approved by TCEQ 5 January 2007. Preparation for transfer of the approximately 1000 acres associated with Zones 4 and 5 are now underway. Operating Property and Successfully (OPS) Determination Report for the Zone 4 and 5 remedial systems will be contracted in Spring 2007 and a schedule for OPS will be provided at a future BCT meeting. A review of the units and other environmental concerns identified in the original Environmental Baseline Survey (EBS) located in Zones 4 and 5 are underway. An issue noted during the review is the active units (e.g. oil/water separator, wash racks) being used by leaseback tenants (Lackland AFB and Redhorse) for their current operations. AFRPA asked Gary Miller, EPA Region 6, what type of information would be needed in the Site Specific EBS to establish the environmental conditions of the units being used by leaseback tenants. AFRPA also noted that a schedule is being developed for transfer of the property to include OPS Determination, Site Specific EBS, Finding of Suitability to Transfer, and other environmental milestones that may be needed.
4.	Landez, N.	Zone Managers	Zone Updates	Review of major project status for IRRP Zones 2, 3, 4 and 5.	Yes	Updates were provided for the following Zone 3 projects: <ul style="list-style-type: none"> • Bldg 360 soil vapor extraction (SVE) system - installation of the horizontal wells ongoing. • Bldg 324 - excavation of contaminated soil completed; awaiting analytical results of delineation samples. • Bldg 348 SVE system - installed but not operating; needs connection to electricity. • Bldg 301 Electrical Resistive Heating - installation will be in late Spring 2007. • Bldg 522 veg oil injections - currently underway. , No additional discussion was necessary. • Site E-3 Source Contamination removal/optimization of SVE system - awaiting funding.

Item #	Lead	Support	Discussion Topic	Comments	Discussion Topic Concluded	Disposition/Action Items
5.	Landez, N.	Zone Managers	Pending Document Submittals	Review of documents to be submitted for regulatory review within the next 90 days; status of documents already in review.	Yes	No additional discussion was necessary.

MEMORANDUM FOR: ALL KELLY RAB COMMUNITY MEMBERS**FROM: Sonja Coderre, Public Affairs Officer****SUBJECT: Appointing a Kelly RAB Community Cochair and creating a Charter Review Subcommittee**

PURPOSE: To outline upcoming events which will take place with the Kelly Restoration Advisory Board (RAB), and to ensure all decisions are made with a clear understanding of procedures.

BACKGROUND: In accordance with the Department of Defense (DoD) Final RAB Rule, 32 CFR Part 202, dated 12 May 2006, each RAB established shall have two Cochairs, one representing the installation and the other the community. Furthermore, the Community Cochair shall be selected by the community RAB members. Cochairs are needed in order to carry out RAB operating procedures

1. Summary of RAB Cochairs as outline in the Final RAB Rule

- a. Each RAB established shall have two Cochairs, one representing the DoD installation and the other the community.
- b. Cochairs shall be responsible for directing and managing RAB operations.
- c. The RAB Cochair and community RAB members shall serve voluntarily, without compensation.
- d. Both cochairs, in conjunction with the RAB members, shall determine the RAB mission statement in accordance with guidance provided by the DoD components.
- e. The community cochair shall be selected by the community RAB members.
- f. The installation cochair shall be appointed by the Installation Commander or equivalent.
- g. Each RAB shall develop a list of operating procedures and the Cochairs are responsible for carrying them out.
- h. The Installation Cochair may adjourn a RAB with input from the community when there is no longer a need for a RAB or when community interest in the RAB no longer exists. The Installation Cochair may recommend dissolution of a RAB when a RAB is no longer fulfilling the intended purpose of advising and providing community input on environmental restoration projects.

2. Summary of RAB Cochairs as outlined in the Kelly RAB Charter

- a. The Cochairs or their alternates should attend all meetings.
- b. The Cochair will be selected by a majority vote of the RAB community members.
- c. Cochairs will serve a 12-month term, commencing with the second Board meeting in each calendar year. A Community Cochair may serve two or more terms, including consecutive terms, if approved by the Board community members.

- d. The community Board members may by a two-thirds majority, vote to remove a Community Cochair prior to the end of their term if deemed to be ineffective in the role. The vote will be taken at the meeting following the proposed motion for removal.
 - e. The responsibility for presiding over all meeting shall be shared by both Cochairs.
 - f. Meeting agendas will be set by the Cochairs. Board members may submit requests for agenda topics not later than fourteen days prior to the meeting.
 - g. The meeting schedule shall be set by both Cochairs, with the advice of the Board members.
3. **Appointment of a Community Cochair at the 10 April 2007 Kelly RAB meeting:**
- a. If you wish to be considered for appointment, or if you wish to recommend another RAB community member for appointment, please place the name of the person to be considered on a Community Cochair appointment card which will be located at the sign-in table.
 - b. The meeting facilitator will announce the names of all community RAB members which will be considered for appointment based on completed cards.
 - c. Each individual being considered for appointment will have two minutes available to announce themselves and explain why they are interested in serving as the Community Cochair.
 - d. An open vote will take place for all submitted names, and the person who receives the majority vote will be appointed to Kelly RAB Community Cochair.
4. **Formation of a Charter Review Subcommittee**
- a. During the 10 January 2007 Kelly RAB meeting, discussions took place about making changes to the Kelly RAB Charter. However, it was determined the existing Charter required a quorum of six community members to make changes to the charter.
 - b. Since the 10 January 2007 meeting, two additional RAB members have been selected by the Selection Panel and appointed by the former Kelly AFB Senior Representative, bringing the current total to seven Kelly RAB members. At least six of these seven members currently need to be present at the next RAB meeting to propose making changes to the current RAB Charter.
 - c. In accordance with the Kelly RAB Charter, *Section 3.4.12 Sub-committees*, both cochairs will jointly appoint a Charter Review Subcommittee to review the existing Kelly RAB Charter.
 - d. The Charter Review Subcommittee will meet before 31 May 2007 and identify proposed changes to the RAB Charter as agenda topics for a Special RAB to take place before the 10 July 2007 Kelly RAB meeting.
 - e. All RAB community members will vote on any changes made to the current Kelly RAB Charter at this Special RAB meeting.

Copies of the Final RAB Rule and the Kelly RAB Charter were provided to each RAB member in a binder during orientation. Please bring this binder with you to Charter review meetings for reference.

January 23, 2007
Kelly Restoration Advisory Board (RAB)

Port Authority of San Antonio
143 Billy Mitchell, Suite 6
San Antonio, Texas 78226

RAB Community Member Attendees:

Rodrigo Garcia
James Betus
Nazirite Perez
Beverly Abbott
Paul Person

RAB Government Member Attendees:

Adam Antwine, Air Force Real Property Agency (AFRPA), Installation Cochair
Gary Miller, Environmental Protection Agency (EPA), Region VI
Melanie Ritsema, San Antonio Metropolitan Health District (SAMHD)
Abigail Power, Texas Commission on Environmental Quality (TCEQ) (Alternate for Mark Weegar)

Other Attendees:

Jose Martinez, Facilitator
Leticia Rodriguez, Port Authority of San Antonio
Sonja Coderre, AFRPA
Leslie Brown, AFRPA
Todd Colburn, AFRPA Contractor
Patricia Wilson, AFRPA Contractor
Kyle Cunningham, SAMHD
Alan Ferrell, SAMHD
Linda Kaufman, SAMHD
Don Buelter, AFRPA
David Rodriguez, Office of Congressman Gonzalez

The meeting began at 6:35 p.m.

I. Introduction – Mr. Jose Martinez

Mr. Jose Martinez began the meeting by welcoming RAB members and other attendees. Mr. Martinez then provided a brief overview of the meeting agenda. Mr. Martinez also stated there should be open dialogue, respect for other's ideas and views, and discussions should be limited to environmental cleanup issues at the former Kelly AFB.

Ms. Coderre mentioned that the court reported was not able to attend the meeting because of accidentally locking her keys in her car. She stated that her staff would take minutes.

Mr. Rodrigo Garcia commented technical questions for new RAB members should be directed to Don Buelter and William Ryan. Mr. Garcia also stressed Mr. Buelter and Mr. Ryan should take a more active role in explaining the environmental process to the new RAB members.

II. BEC Update

A. Mr. Don Buelter provided a BRAC Cleanup Team (BCT) update. Mr. Buelter reviewed and explained the 10 October 2006 BCT Minutes. He stated although minutes from the 10 January 2007 BCT were not available at this time, they would be available at the next RAB.

B. Mr. Buelter reviewed the list of environmental documents to be placed in the co-chair library, which are outlined below:

- Report 291B, dated Nov 06 - *Closure Report Installation Program for Site D-10, Former KAFB*
- TCEQ Letter to AFRPA, dated 30 Nov 06, *TCEQ's Review Comments on the Zone 3 – Six Sites Soil Revised Closure Report, Former Kelly AFB and Approval for Risk Reduction Standard (RRS) No. 2*
- TCEQ Letter to AFRPA, dated 14 Dec 06, *TCEQ's Review of Revised Facility Summary Tables-Final East Kelly SWMU and Data Gap at Facilities 3050, 3064, 3067 etc*
- TCEQ Letter to AFRPA, dated 14 Dec 06, Re: *TCEQ's Reivew of Revised Facility Summary Tables-Final East Kelly SWMU and Data Gap at Facilities 3016,3107, 3449 etc*

III. Kelly Cleanup Regulatory Process Presentation by Mr. Buelter

Mr. Buelter provided an overview of his briefing. He indicated he would explain: CERCLA/IRP, RCRA, and the Kelly Process.

A. Comprehensive Environmental Response Compensation and Liability Act (CERCLA) and the Installation Restoration Program (IRP)

Mr. Buelter began his briefing by explaining CERCLA and IRP. These programs are often called "Superfund". The CERCLA program is a federal program which began in the 1980's. The CERCLA established prohibitions and requirements concerning closed and abandoned hazardous waste sites. It also created a trust fund to provide for the cleanup process when a responsible party could not be identified. The Department of Defense is part of both the CERCLA and the IRP Process.

Mr. Buelter went on to explain the CERCLA/IRP process. The Preliminary Assessment/Site Investigation involves records search and limited soil sampling.

The second step is the Remedial Investigation/Feasibility Study. This includes a completed investigation and remedy selection. In this step environmentalists look at large technologies to clean up the environment.

The Proposed Plan phase is when the proposed remedy is outlined and a public meeting is held to allow public comments.

The Record of Decision/Decision Documents publish the remedy and public comments addressed.

Remedial Design is the design of the remedy that is selected.

Remedial Action is when the installation implements the selected remedy and operates and monitors the soil samples of both water and ground.

During the Operating Property and Successfully phase, the EPA is involved and can agree or disagree if remediation systems are working as designed. At this phase documentation is critical in showing how the Air Force is meeting or achieving goals.

The entire CERCLA/IRP processes ends with site closure.

B. Resource Conservation and Recovery Act (RCRA) Process

The RCRA gives the EPA the authorization to control hazardous waste from the "cradle-to-grave". This includes generation, transportation, treatment, storage and disposal of waste. RCRA basically tracks the entire process of hazardous waste from start to finish. They focus primarily on active installations and future facilities. In 1986 amendments enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

The RCRA process is almost the same process as the CERCLA/IRP process.

- Facility Assessment: Records Search and limited Sampling
- RCRA Facility Investigation: Complete Investigation
- Corrective Measures Study: Feasibility and Remedy Selection
- Corrective Measures Implementation-Work Plan: Design of Remedy (this contains Class 3 Modification)
- Public Meeting/Comments: Conducted by permittee as directed by regulatory agencies
- Remedial Action-Complete: Installation
- Remedial Action-Operations/Long Term Monitoring to meet goals
- Site Closure: End of Remedy

Ms. Sonja Coderre asked Mr. Buelter to explain a Class 3 Modification.

Mr. Buelter explained the Class 3 Modification is part of the RCRA permit process that is spelled out by the federal rules and regulations. It identifies the final remedial action in the environmental cleanup process and usually takes approximately one year to gain approval.

C. Kelly Process-History

Mr. Buelter explained the former Kelly AFB uses both CERCLA/IRP and RCRA processes. Both the CERCLA and RCRA are being used to identify, investigate and cleanup contamination associated with past Air Force activities and to protect human health and environment. In 1982, Kelly initiated the IRP under the DERP. An Agreed Order was issued by the Texas Water Commission (now TCEQ) in 1989 which required Kelly to submit a corrective action RCRA

Permit Application. The Agreed Order tells Kelly how to reach its goals in environmental cleanup. Mr. Buelter identified Kelly was not a "Superfund" base.

The Kelly Process includes the following steps:

- RCRA Facility Assessment: Records Search and limited Sampling
- RCRA Facility Investigation: Complete Investigation
- Focused Feasibility Study: Speeds up process to ensure protection of human health and the environment
- Interim Remedial Action: Becomes part of Class 3 Modification
- Corrective Measures Study: Remedy Selection
- Decision Document: Documents remedy, signed by director, and public meeting and comments

Mr. Buelter concluded his briefing on CERCLA/IRP, RCRA and the Kelly Process.

10 Minute Break

Mr. Martinez regained control of the floor and called a 10 minute break from 7:15 – 7:25. The Kelly Environmental Cleanup Progress on Zones 1-5 presentation was given by Mr. Buelter.

IV. Kelly Environmental Cleanup Progress on Zones 2-5 Presentation by Mr. Buelter

Mr. Buelter explained the different types of sites across the former Kelly AFB. Closed sites are those sites that have reached site closure from the state. Pending sites are those sites that are closed; they have materials in place but are waiting on deed records with Bexar County. Further Action sites are sites that require long term actions or have documentation pending. In Progress sites are those sites which have been requested for closure but are pending approvals by METCEQ.

Mr. Buelter explained there were five zones identified at the former Kelly AFB. Originally these zones were created based on the assumption that ground water was similar in all areas. They were also created based on geographical and functional reasons.

Zone 1:

Zone 1 was realigned to Lackland AFB, 13 July 2001. The 37th Civil Engineering Squadron is now responsible for this location. For questions regarding this zone, attendees were directed to contact Ms. Adelina Carillo, chief, community relations at (210) 671-5055. Mr. Buelter also stated there is a Corrective Measures Study being released soon.

Abigail Power, TCEQ, mentioned the next Lackland Community Council on Restoration meeting will be 24 January 2007 beginning at 7:00 p.m., and will be held at Valley High Elementary School.

Zone 2, Site E-1(WP020)

Zone 2/Site E-1 is located on the southern tip of the base near Military Drive. It contains 35 sites. This location was a former chemical evaporation pit used during 1940-1966. Approximately 15,000 cubic yards of soil were excavated and backfilled with clean soil and organic substrate to aid bioremediation. In 2004, the underground trenches and HDPE barriers were installed because previous trenches were no longer functional. The current status of Zone 2 is that a Corrective Measures Study (CMS) was approved by TCEQ 15 May 2006. The Corrective Measures Implementation (CMI) Work Plan was submitted November 2006 and there is a Class 3 Modification review set for the public meeting held 6 March 2007.

Zone 2, Site E-3 (WP022)

Zone 2 Site E-3 is located in the middle part of Zone 2. This location was a former chemical evaporation pit used during 1966-1980. To date, soil and sludge were excavated in 1985, a groundwater recovery system was installed in 1993 and then upgraded in 2000, and the soil vapor extraction system has been in use since 2000. A final groundwater recovery system has been approved with issuance of Compliance Plan 12 June 1998.

Zone 2, Site D-10 (LF019)

Zone 2 Site D-10 is located at the southern tip of the base and contained tar like material. This site was previously a waste disposal area. From 2002 until late 2005, soil was removed and disposed in approved facilities. A closure report, submitted to TCEQ November 2006, is pending a response.

Zone 2 (Bldg 522)

Zone 2, Bldg 522 was the former facility that overhauled aircraft radomes. To date, the site has had soil vapor extraction installed on the north side of Leon Creek. The building was demolished in 1997 where TCE solvent was found. A CMS was approved by TCEQ 15 May 2006 and a CMI Work Plan was submitted in November 2006.

Zone 2 (Groundwater (SS036))

Zone 2, Groundwater SS036 is located beneath Zone 2 on the southern portion of the former Kelly AFB. Sites E-1 and the former Bldg 522 are listed in the CMS. A CMS was approved by the TCEQ 15 May 2006 and a CMI Work Plan was submitted November 2006.

Zone 3, Site S-4 (ST006)

Zone 3, Site S-4 was a jet fuel (JP-4) spill site. Groundwater recovery system installed in 1989 and upgraded in 1999. Groundwater recovery trenches installed in 2001 and in 2003. Currently, TCEQ approved closure of soils under RRS No. 2, 15 August 2000. The Class 3 Modification, identifying final remedial action for groundwater contamination, to the Compliance Plan was approved by TCEQ September 2004.

Zone 3, Site OT-2/MP (SS040)

Zone 3, Site OT-2 was the former metal plating shops in building 258 and 259 located south of building 171. Both buildings were demolished in 1981. Under the building the Air Force found 5,000-10,000 gallons of degreaser which was used to clean planes. This is a major effort to clean up. This material was very dense and difficult to remove. The contamination extended several miles. A groundwater recovery system has been operating on site since 1996 and optimized in 1999. A slurry wall, which contained and stopped additional groundwater contamination, was

installed in 2000. A CMS was approved by TCEQ 15 May 2006. A CMI Work Plan was submitted November 2006 and the final corrective action will be the excavation and proper disposal of source area soil contamination. This is an expensive site, but it will be cheaper than to maintain the system.

Paul Person asked, "How big will the hole be?"

Mr. Buelter responded: the hole would be approximately 40 feet deep.

Zone 3, Site IWCS (SS044)

Zone 3, Site IWCS is located on the south side of the base near the industrial shop. It is made up of sections of storm water and sanitary sewer collection systems installed in the early 1950s. The Industrial Waste Collection System (IWCS) pipelines were constructed in 1972. A closure report was approved by TCEQ 25 October 2004. A closure is pending deed recordation.

Zone 4, Groundwater (SS037)

Groundwater plumes originating from sites within Zone 3. This includes Sites S-4, OT-2, former IWCS and sites within 300 Area. Permeable Reactive Barriers (PRBs) have been installed. A CMS was approved by TCEQ 15 May 2006. A CMI Work Plan was submitted November 2006. Remedial actions will be accomplished at buildings 301, 324, 348 and 360 to treat source area soils at those locations. Buildings 301 and 360 still contain large contaminants.

Zone 4, IWCS (SS051)

This site was used as the IWCS that sent industrial wastewater to the Industrial Wastewater Treatment Plant (IWTP) from an engine repair facility located on the east side of the former Kelly AFB. This location was closed prior to St. Phillips College using this facility. Organic substrate (vegetable oil) was used for bioremediation of contaminants in the soil and groundwater. A Class 3 Modification, identifying final remedial action, to the Compliance Plan was approved by TCEQ in January 2007.

Zone 4, Groundwater (SS052)

Zone 4, Groundwater SS052 is located beneath Zone 4. This plume is impacted by IWCS (Site SS051) and Site MP in Zone 3. There have been recovery wells and a PRB installed. A Class 3 Modification, identifying final remedial action, to the Compliance Plan was approved by TCEQ in January 2007.

Zone 5, Site S-1 (SS003)

Zone 5 was previously a waste oil storage facility and DPDO storage area. Interim measures using recovery wells and air stripping installed have been in operation since 1995. Soils were excavated in 1998; dual phase groundwater recovery and soil vapor extraction systems were installed. A Class 3 Modification, identifying final remedial action, to the Compliance Plan was approved by TCEQ in January 2007.

Zone 5, Groundwater (SS050)

This area consists of groundwater contamination plumes in Zone 5. Installations of a PRB and groundwater bioremediation were used. A Class 3 Modification, identifying final remedial action, to the Compliance Plan was approved by TCEQ in January 2007.

Path Forward:

- 522 out of 687 total sites have been closed
- All groundwater remedial systems have been installed
- Groundwater cleanup estimated to be completed within 15-20 years
- Future corrective actions to treat source area soil contamination at Site MP Building 301, 360, 324 and 522

V. Public Comment Period

Mr. Persons asked what the minimum requirements were for the Kelly RAB Charter to be changed. Ms. Coderre felt they should try to find new recruits for the selection panel for the next RAB meeting in order to make decisions regarding the RAB. She said the Charter states there are 16 seats on the RAB for community members. Currently, the RAB has five community members. The Charter also states a quorum consists of nine RAB members, six of which must be community members.

Mr. Martinez asked Ms. Coderre who decides if 15 or 16 are large enough to function or can you make it as large as you want it to be? Ms. Coderre said the Air Force supported consensus decisions for such issues.

Ms. Coderre said the Air Force did not support making decisions regarding changing the Kelly RAB Charter during this RAB meeting due to the fact the current RAB has only five community members instead of the six required by the Charter for a quorum. She also stated because there was no court reporter, she would like to wait to make any decisions so there are no discrepancies as to what was discussed or said during such a meeting.

Mr. Person stated, based on his experience with the RAB, 11 members could accomplish the goals. Ms. Coderre then asked if the members present would want to add this to the agenda for the next RAB meeting.

Mr. Perez stated he was familiar with state law, and community members could override laws when deemed necessary. Mr. Martinez reminded members that they were not voting on issues but simply discussing them.

Ms. Coderre asked the RAB members to recruit for more RAB members by asking their friends.

Mr. Person recommended St. Philip's College be targeted to recruit possible members. Ms. Coderre stated her team would look into contacting the college, and stated due to a recommendation by Mr. Garcia, flyers were passed to local churches hoping that more members would come forward.

Mr. Martinez stated the Final Rule tells how to elect the Community Cochair. Ms. Coderre stated the Final Rule says the community cochair is selected by the community members; however, the Kelly Charter has the process developed and unless the Charter is changed, it is the process the RAB community members should use. Mr. Martinez asked if the Charter could be amended so that the Cochair could be elected by five members instead of six. Ms. Coderre stated that you need six members and she would not like to make any decisions regarding the changes to RAB Charter without a court reporter and, since the number is currently below the number needed for a quorum, group consensus.

Mr. Martinez stated that the board did not want to go until July without a Cochair. Ms. Coderre stated if they wanted to do a Charter Review at a future meeting it would be possible. Mr. Miller stated the Charter was written so a small group can not take over the RAB. Mr. Miller suggested having another meeting prior to the quarterly meeting to discuss the Charter. Mr. Miller stated if you change the way you conduct business without changing the Charter, you are opening yourself up for problems.

Ms. Powers asked if all the tenant units have been solicited. She was surprised no one had applied. Ms. Rodriguez mentioned Boeing and Lockheed were both solicited for participation on the RAB. Ms. Powers stated, after attending two meetings everyone can advocate for tenant units, colleges, churches, etc. to participate.

Ms. Coderre stated there were certain groups of targeted people: those individuals, who live, go to church, go to school, work, own a business, etc. in the affected area. Ms. Leticia Rodriguez stated she felt the reason why most people don't participate in the RAB is because they are already highly involved in other events and commitments within the community.

Mr. Martinez went around the room and asked each member if they had any last minute questions they would like to ask.

Mr. Betus asked what the requirement was for sending representative in their place if they can not attend a meeting. Ms. Coderre stated the Charter advocated the use of alternates; however, alternates must meet the same eligibility requirements as the RAB member they represent. Mr. Antwine stated that it was important to have an alternate. Ms. Coderre stated alternates did not have to go through the selection panel.

Ms. Coderre stated if a RAB member misses two consecutive meeting, the issue to remove them could be brought up at a meeting, and voted on at the next meeting. Ms. Coderre stated the RAB may even consider teleconferencing members in who cannot attend in person.

Mr. Persons asked if it was possible to have a tour of the cleanup sites. Ms. Coderre stated there were two tours scheduled for 29 January and 31 January, and personal tours for interested parties would be made available to all RAB members.

Mr. Betus requested AFRPA to consider having Zone 3 as a topic for the next RAB meeting.

Mr. Perez requested more information on the cleanup of off-base plumes, and mentioned citizens could make changes to laws. Mr. Antwine stated he would have Ms. Leslie Brown go through the Charter to find out what authority the citizens have to amend the RAB Charter.

Mr. Person stated he was involved in the RAB for 10 years and then left for two years. He is very impressed by all the progress achieved with the environmental cleanup in the past two years. He stated the maps showed a much better view.

Ms. Abbott asked how all the environmental cleanup is funded and where all the money comes from. Mr. Antwine stated it was easy to show how the budget was broken down. He stated AFRPA would show what was spent and provide the projected budget at the next RAB meeting.

Ms. Coderre asked what the RAB members thought of the San Antonio Metro Health and Port Authority holding community member positions on the RAB. Ms. Power felt they are non-voting

members. Mr. Perez stated they should not be community members because they work for the government so there is a conflict of interest and they are a political subdivision of the state.

Ms. Coderre read a portion of the Final Rule which indicated the Local Redevelopment Authority (LRA) and Health Agency representatives could be community members. Mr. Antwine stated other RABs have been looked at and some do have LRAs with voting rights. Ms. Coderre stated one LRA with voting rights was Chanute, where the Village of Rantoul administrator is the community cochair. Ms. Power also stated that in Red River, the release authority is also a cochair.

Ms. Cunningham asked if it was possible to look at how these agencies are structured and created by the city.

Ms. Coderre stated that the next RAB meeting would be 10 April 2007. The public meeting for a Class 3 Modification, Zones 2 and 3 is 6 March at 6:00 pm at the Port Authority Conference Room.

Mr. Miller suggested AFRPA staff provide a question and comments section regarding the off-base plume because the community would be interested in this topic.

Ms. Coderre also stated that she will add Zone 3 as a topic on the next agenda, as requested by Mr. Betus.

Mr. David Rodriguez requested Congressman Gonzalez's office be notified regarding the cleanup of Site MP prior to informing the media. Ms. Coderre agreed.

Mr. Betus asked what he should do if people of the community ask him about points of contact regarding the cleanup issues. What information can he pass along? Ms. Coderre handed out copies of the Kelly Community Resource Guide - a point of contact reference for issues community members are often interested in but do not concern the environmental remediation program at the former Kelly AFB. She also stated he can give them her name and phone number if they would like to contact her.

VI. Proposed Agenda for Next RAB Meeting

Ms. Coderre reviewed the suggested agenda topics upcoming RAB meetings:

- Review of Charter
- Break down of budget/expenses associated with the cleanup
- Review of the Semiannual Compliance Plan Report
- Review of the off-base plumes
- Review of the RAB's current voting process
- Appointment of Community Cochair
- Review and discussion of the number of members required to be on the RAB (reduce from 16)
- Update of Zone 3

Mr. Martinez stated Ms. Coderre has repeatedly given her information as a point of contact and she is willing to assist in whatever way she can.

VII. Meeting Adjournment

Mr. Martinez recommended adjournment of the meeting at 8:45 p.m., and none opposed.

Attachments:

- 23 January 2007 RAB Agenda
 - 10 October 2006, BRAC Cleanup Team Meeting Minutes
 - Listing of AFRPA Documents Taken to the Kelly RAB Community Cochair Library
 - Handouts for overall meeting slides for January 2007 RAB meeting
 - Zone status charts and Site maps Zones 1 to 5
 - 8 January 2007, RAB Selection Panel Meeting Minutes
-



DEPARTMENT OF THE AIR FORCE
AIR FORCE REAL PROPERTY AGENCY

FEB 16 2007

AFRPA/COO-Kelly
143 Billy Mitchell Blvd Ste 1
San Antonio TX 78226-1816

Dear Kelly Restoration Advisory Board Members and Public Participants

The following is an action items report for the 23 January 2007 Kelly Restoration Advisory Board (RAB) meeting.

1. *Mr. Paul Person suggested the Air Force Real Property Agency (AFRPA) contact faculty at St. Philip's College to solicit interest in joining the Kelly RAB.*

The AFRPA contacted St. Philip's College – Southwest Campus, located at 800 Quintana Road, San Antonio, TX 78211. St. Philip's staff indicated the Southwest Campus, which is in the Kelly affected area, is a trade school, as opposed to a broader range of studies offered at the main campus. Therefore, St. Philip's faculty who teach natural science, health and environmental courses are located at the main campus, which is not in the Kelly affected area. Based on direct feedback from St. Philip's personnel that the Southwest Campus faculty would not be appropriate for Kelly RAB membership, no further action was taken.

2. *Mr. James Betus requested additional information be provided at an upcoming meeting focusing on cleanup progress in Zone 3.*

The January 2007 Semiannual Compliance Plan Report, including information specific to Zone 3, will be discussed at the 10 April 2007 Kelly RAB meeting.

3. *During the agenda discussion for the next Kelly RAB meeting, multiple topics of interest were requested by various RAB members.*

The AFRPA proposes the attached draft agenda for the upcoming 10 April 2007 Kelly RAB meeting. RAB members may email: sonja.coderre@afropa.pentagon.af.mil or call 925-0956 to discuss the proposed agenda or request changes.

4. *Mr. Rodrigo Garcia submitted a written list of requested actions addressed to Sonja Coderre and Adam Antwine (see attachment). The following responses relate to Mr. Garcia's concerns:*

1) *Familiarize members with the history of contaminates and the amount of money spent over the entire life of the cleanup since 1988 – executive summaries and new spending for 2007, etc.*

The RAB orientation, which took place 23 January 2007, provided RAB members with an overview of the history of the former Kelly AFB cleanup program, and handouts referenced money spent to date and projected cleanup costs. Additionally, during the 23 January 2007 RAB meeting, Mr. Don Buelter provided a zone-by-zone overview of the environmental cleanup program at the former Kelly AFB. More details regarding funding will be discussed during the 10 April 2007 Kelly RAB meeting.

2) *Give a report on all new work and cleanup/health projects that are in progress and the new ones for 2007.*

During the 23 January 2007 RAB meeting, Mr. Don Buelter provided a zone-by-zone overview of the environmental cleanup program at the former Kelly AFB.

Additionally, there will be a public meeting 6 March 2007 to discuss the Class 3 Modification to Compliance Plan No. 50310. The meeting is scheduled from 6:00 p.m. – 7:30 p.m. at the Port Authority San Antonio, 143 Billy Mitchell Blvd., Suite 6, San Antonio, TX 78226.

Regarding health projects: In response to community health concerns relating to the environmental cleanup at the former Kelly AFB, the AFRPA contributed \$5 million over ten years to the San Antonio Metropolitan Health District to support the Public Center for Environmental Health (PCEH). Currently, PCEH is conducting a liver cancer feasibility study, with results expected in this spring. When the study is complete, the Kelly RAB will be provided with the results.

3) *Give members report on monitoring wells and what is the status of the results of monitoring.*

A review of the latest semiannual compliance plan report, including monitoring well data, will be provided during the 10 April 2007 Kelly RAB meeting.

4) *Give a status report on Zones I thru V.*

A Status Report on Zones 2 – 5 was the focus of the 23 January 2007 Kelly RAB meeting. Copies of the presentation and associated maps were provided in meeting packets. Zone 1 has been realigned to Lackland AFB, and questions regarding this area should be addressed to the Lackland Community Council on Restoration. For information regarding the Lackland CCR meeting schedule, please call (210) 671-2907.

5) *Explain all of the PRBs in place and how are they working – permanent reactive barrier walls.*

The location and effectiveness of all permeable reactive barriers (PRB) at the former Kelly AFB were discussed at the 23 January 2007 orientation.

6) *Have more involvement with [Don] Buelter and [William] Ryan to explain to new members the systems we are using.*

The AFRPA ensures technical experts are available to make presentations during RAB meetings and answer community members' questions during tours and other events. Mr. Don Buelter provided both briefings during the 23 January 2007 Kelly RAB meeting. Ms. Norma Landez, the Kelly BRAC environmental coordinator, was unable to attend the January RAB meeting but also available to provide information and answer community member questions.

- 7) *Have [Don] Buelter and [William] Ryan explain pump and treat, PRBs, etc. to new RAB members.*

Cleanup technologies were reviewed in detail at the 23 January 2007 RAB orientation. Additionally, fact sheets which describe these technologies in layman terms were provided in RAB member packets. Community members are encouraged to ask questions regarding all aspects of the Kelly environmental program to ensure understanding and promote dialogue among participants.

- 8) *Give a briefing on the Kelly golf course problems and the ongoing cleanup.*

Issues pertaining to the golf course in Zone 1 are the responsibility of Lackland AFB, as a result of the realignment of Zone 1 from the former Kelly AFB to Lackland. Questions regarding this area should be addressed to the Lackland CCR. For information regarding the Lackland CCR meeting schedule, please call (210) 671-2907.

- 9) *Give an extensive and detailed report on all the health issues, health problems, health programs under way for the community and an itemized report on all new health programs which will start in 2007 and beyond.*

As discussed in response to topic #2, above, in response to community health concerns relating to the environmental cleanup at the former Kelly AFB, the AFRPA contributed \$5 million over ten years to the San Antonio Metropolitan Health District to support the Public Center for Environmental Health (PCEH). Currently, PCEH is conducting a liver cancer feasibility study, with results expected in this spring. When the study is complete, the Kelly RAB will be provided with the results. For additional questions regarding health studies, please contact PCEH at (210) 532-5765.

The Agency for Toxic Substances and Disease Registry (ATSDR), and agency of the Department of Health and Human Services, has conducted numerous public health assessments and health consultations regarding the former Kelly AFB. These studies are available online at: <http://www.atsdr.cdc.gov/hac/pha/HCPHA.asp?State=Texas>

- 10) *Air monitoring and air monitoring stations – when and how are we going to do this?*

The ATSDR has conducted air emissions studies related to the former Kelly AFB. These studies were presented to the Kelly RAB.

Additionally, during the July 2006 Kelly RAB meeting, PCEH provided a presentation regarding air monitoring during the construction of PRBs.

The AFRPA complies with all requirements set forth in cleanup permits regulated by the Texas Commission on Environmental Quality (TCEQ). There are no current plans for upcoming air monitoring projects conducted by AFRPA.

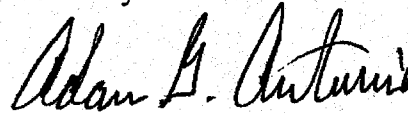
- 11) *Explain TAPP and how will we explain it to new members.*

Technical Assistance for Public Participation (TAPP) was discussed during the 23 January 2007 new RAB member orientation, and handouts of the Department of Defense TAPP Final Rule were provided in member packets. Approximately \$2,175 remains in TAPP funds for the Kelly RAB, out of an original amount of \$100,000. As discussed during the orientation, the purpose of TAPP is to provide an avenue for community members to obtain technical assistance if the Air Force is unable to meet community needs and other sources have also

been exhausted. If the Kelly RAB requires technical assistance in the future, available sources such as Kelly RAB members representing the Texas Commission on Environmental Quality (TCEQ) and the Environmental Protection Agency (EPA), will be requested to address these concerns.

Thank you for your continued interest in the Kelly environmental restoration program.

Sincerely



ADAM G. ANTWINE
Senior Representative

Attachments:

1. draft agenda – 10 April 2007 Kelly RAB meeting
2. Things To Do: Rodrigo Garcia, Jr.

Kelly Restoration Advisory Board (RAB)

Draft Meeting Agenda

10 April 2007

Port Authority of San Antonio
143 Billy Mitchell Blvd., Bldg. 43, Suite 6
San Antonio, TX 78226

6:30 - 6:40	Welcome and Overview	Mr. Jose Martinez
6:40 - 6:45	Installation Cochair Comments	Mr. Adam Antwine
6:45 - 6:55	BCT Update/Funding Update	Ms. Norma Landez
6:55 - 7:10	Review of RAB Charter	Ms. Sonja Coderre
7:10 - 7:20	Appointment of Community Cochair	Mr. Jose Martinez
7:20 - 7:50	January 2007 Semiannual Compliance Plan Report Presentation	Mr. Don Buelter
7:50 - 8:00	Review of Off-Base cleanup	Mr. Don Buelter
8:00 - 8:15	Public Comment Period	Mr. Jose Martinez
8:15 - 8:30	RAB Open Discussion/Upcoming Agenda	Ms. Sonja Coderre
8:30	Adjournment	

Notes: Next RAB Meeting: 10 July 2007, 6:30 p.m. : Port Authority of San Antonio, 143 Billy Mitchell Blvd., Bldg. 43, Suite 6, San Antonio, TX 78226

SONJA & ADAM

THINGS TO DO:

- ① FAMILIARIZE MEMBERS WITH THE HISTORY OF CONTAMINATES AND THE AMOUNT OF MONEY SPENT OVER THE ENTIRE LIFE OF THE CLEANUP SINCE 1988 - EXECUTIVE SUMMARIES AND NEW SPENDING FOR 2007 etc
- ② GIVE A REPORT ON ALL NEW WORK AND CLEANUP/HEALTH PROJECTS THAT ARE IN PROGRESS AND THE NEW ONES FOR 2007
- ③ GIVE MEMBERS REPORTS ON MONITORING WELLS AND WHAT IS THE STATUS OF THE RESULTS OF MONITORING
- ④ GIVE A STATUS REPORT ON ZONES I THRU IV
- ⑤ EXPLAIN ALL OF THE PRB'S IN PLACE AND HOW ARE THEY WORKING PERMANENT REACTIVE BARRIER WALLS.
- ⑥ HAVE MORE INVOLVEMENT WITH BUELTER AND RYAN TO EXPLAIN TO NEW MEMBERS THE SYSTEMS WE ARE USING.
- ⑦ HAVE BUELTER & RYAN EXPLAIN PUMP & TREAT, PRB'S, ETC TO NEW RAB MEMBERS
- ⑧ GIVE A BRIEFING ON THE KELLY GOLF COURSE PROBLEMS AND THE ONGOING CLEANUP.
- ⑨ GIVE AN EXTENSIVE AND DETAILED REPORT ON ALL THE HEALTH ISSUES, HEALTH PROBLEMS, HEALTH PROGRAMS UNDER WAY FOR THE COMMUNITY AND AN ITEMIZED REPORT ON ALL NEW HEALTH PROGRAMS WHICH WILL START IN 2007 AND BEYOND.
- ⑩ AIR MONITORING AND AIR MONITORING STATIONS - WHEN AND HOW ARE WE GOING TO DO THIS?
- ⑪ EXPLAIN T.A.P.P. AND HOW WILL WE EXPLAIN IT TO NEW MEMBERS.
- ⑫

Rodrigo Garcia Jr

Air Force Real Property Agency

143 Billy Mitchell Boulevard, Suite 1, San Antonio, Texas 78226-1816

Toll Free 1-866-725-7617 • www.afrpa.hq.af.mil

FACT SHEET

Electric Resistive Heat Technology

WHAT IS IT?

Air Force contractors are ready to begin the installation of an Electric Resistive Heat Technology in the parking lot of Building 301 at the former Kelly AFB. ERH is a remediation system used to extract volatile organic compounds, such as PCE, from the soil and groundwater. The system will be installed in the parking lot, within a small fenced-in area.

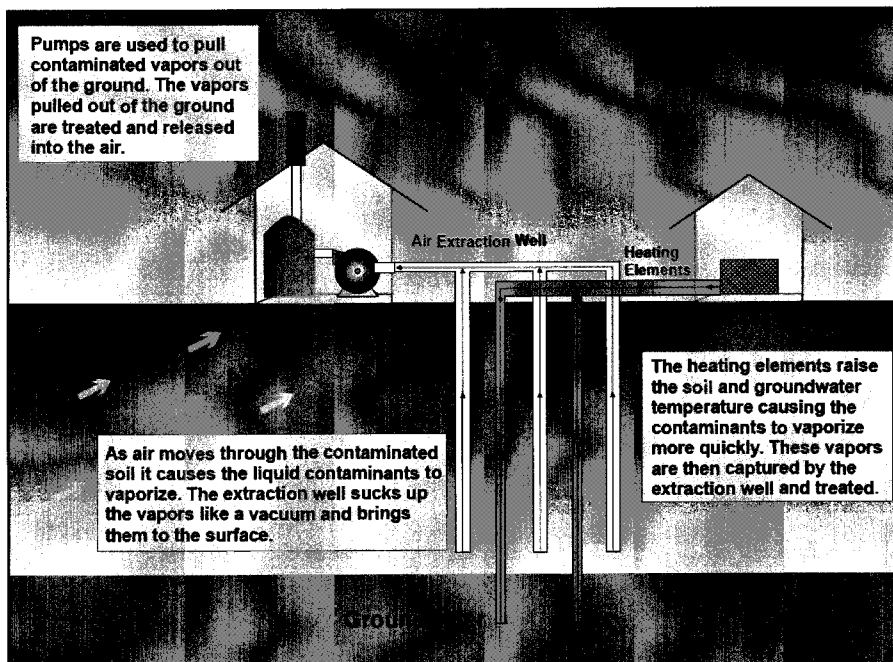
HOW DOES IT WORK?

The contaminated soil and groundwater are heated by electric currents 30 feet below ground surface. As the contaminated soils are heated, it causes the liquid contaminants to vaporize. These vapors are then drawn towards a vacuum. When the vacuum captures the contaminated vapors, they are directed towards the extraction well and treated. The well continues to operate until all of the harmful vapors are treated.

HOW DOES THIS AFFECT ME?

The tenants at Building 301 will be minimally affected by the construction activities. A section of the parking lot will be fenced in and enclosed during construction. Approximately 290 parking spaces will be affected by construction, which is roughly a third of the entire parking lot. However, a recently conducted survey determined only 40 of the 290 parking spaces are being used by the tenants during business hours.

Tenants should keep in mind there is little to no health risk while the PCE is removed from the soil as it is immediately treated by the system. Drilling will begin May 23, 2007. Once the fence is built, the system will begin to operate and will remain in place for two years.



A conceptual model of an electric resistive heat system.



Parking lot of Building 301 where the system will be installed.

ABOUT AFRPA

The Air Force Real Property Agency oversees the environmental cleanup activities at former Air Force bases throughout the United States. Our goal is to complete cleanup actions needed to protect human health and the environment and to transfer property for reuse. AFRPA also plays a key role in property reuse/privatization and serves as the Air Force liaison supporting interim property leases.

For more information, please call our public information line toll-free at 1-866-725-7617 or visit us at www.afrpa.hq.af.mil.

FINAL PAGE

ADMINISTRATIVE RECORD

FINAL PAGE