



KELLY AFB
TEXAS

ADMINISTRATIVE RECORD
COVER SHEET

AR File Number 3408

Kelly Restoration Advisory Board (RAB)

Meeting Agenda

9 October 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	Installation Cochair Representative
6:40 - 7:00	Nomination and Election of Community Cochair	Mr. Jose Martinez
7:00 - 7:20	Eligibility of RAB Members	Ms. Sonja Coderre
7:20 - 7:30	BRAC Cleanup Team (BCT) Update	Ms. Norma Landez
7:30 - 7:45	Soil Vapor Intrusion	Mr. Don Buelter
7:45 - 8:00	Questions & Answers	RAB Members
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: 8 January 2008, 6:30 p.m. : Port Authority of San Antonio, 143 Billy Mitchell Blvd., Bldg. 43, Suite 6, San Antonio, TX 78226

October 9, 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:

Beverly Abbott
Rodrigo Garcia, Jr.
Nazirite Perez
Paul Person
Brian Skrobarcek

RAB Government Members:

Sonja Coderre, Air Force Real Property Agency (AFRPA), Installation Cochair (Alternate)
Kyle Cunningham, San Antonio Metropolitan Health District (SAMHD) (Alternate)
Gary Miller, US Environmental Protection Agency (USEPA)
Mark Weegar, Texas Commission on Environmental Quality (TCEQ)

AFRPA Staff:

Don Buelter, AFRPA
Norma Landez, AFRPA
Jose Martinez, Facilitator
Eddie Martinez, AFRPA, Contractor
Patricia Wilson, AFRPA, Contractor

AFRPA Partner Agencies:

Kristen Bettis, SAMHD-PCEH
Alan Ferrell, Metro Health
Jorge Salazar, TCEQ

Elected Officials:

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

Public Participants:

Jesse De los Santos
Coriene Hannapel
Greg Harman, San Antonio Current
Patty Norman, KENS TV

The meeting began at 6:30 p.m.

I. Welcome and Overview – Mr. Jose Martinez

Mr. Martinez began the meeting by welcoming everyone to the October 2007 Kelly Restoration Advisory Board meeting. Mr. Martinez conducted a roll call of all RAB community members and later acknowledged all others in attendance of the meeting.

Mr. Martinez indicated meeting minutes from the 17 July 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.

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

II. Installation Cochair Comments

Ms. Coderre, Mr. Antwine's alternate, apologized to the RAB members for his absence.

III. Nomination and Election of Community Cochair

Mr. Martinez acknowledged that based on meeting attendance of five RAB members, the process to appoint a community cochair could not take place because the quorum was not met. The appointment would be rescheduled for the January 2008 RAB.

IV. Eligibility of RAB Members

This briefing was presented to clarify questions regarding how RAB eligibility was determined. As discussed in the January 07 RAB meeting, eligibility of RAB members is addressed in the RAB Final Rule, its preamble and the RAB Charter. As defined, community members are people that are identified by RAB members that live and/or work in the affected community, or affected by the installation environmental restoration activities and are appointed by Mr. Antwine.

Ms. Coderre stated that RABs are open to the public and public participants who could provide input during this period.

There were no questions regarding the eligibility of RAB Members after Ms. Coderre's presentation.

V. BRAC Cleanup Team (BCT) Update – Ms. Norma Landez

Ms. Landez indicated final minutes from the July 2007 Kelly BCT meeting were provided in the meeting packets. Ms. Landez reviewed the topics that were discussed during the July 2007 BCT: Review status of Zone 1 CMS and CMI WP, Review of major project status for IRP Zones 2, 3, 4 and 5, Review of documents to be submitted for regulatory review within the next 90 days; status of documents already in review.

Ms. Landez then briefed the RAB on the list of letters that were exchanged between AFRPA and the regulators. She stated that these documents would be placed in the library located at the Environmental Health and Wellness Center. Both a listing and description of documents were provided in the meeting packets.

Ms. Landez informed the RAB that there was no BCT meeting held during the month of October.

VI. Soil Vapor Intrusion (SVI) – Mr. Don Buelter

Mr. Buelter provided a briefing on SVI. He began his briefing by explaining what EPA considers as safe and acceptable levels. During his briefing he further examined all Kelly sites that contributed to the off-base groundwater contamination. He also stated that these sites must remain below the acceptable levels for 3 consecutive years under groundwater protection standards in order to be considered closed.

Mr. Buelter briefed on all open sites located at Kelly and reported their progress and status in relationship to TCEQ.

Mr. Buelter continued his briefing by explaining that the purpose of SVI studies is to evaluate groundwater-to-indoor-air pathway and stated that AFRPA has conducted three SVI studies. Mr. Buelter then briefed the results of each SVI study conducted at Kelly. He also noted that all SVI findings and recommendations are reviewed by TCEQ and the EPA Region 6.

VII. Questions and Answers

Mr. Martinez opened the floor for questions and answers relating to the SVI briefing presented by Mr. Buelter. All questions and answers presented during the meeting can be found in the transcripts of this meeting, located in the Administrative Record.

VIII. Public Comment Period

A request was made for AFRPA to communicate and inform the RAB members regarding local news articles and stories that have been released. Ms. Coderre agreed to incorporate these articles into the January RAB meeting packages.

VII. RAB Open Discussion/Upcoming Agenda

Recommended agenda topics for the next RAB were not discussed due to meeting exceeding allotted time.

VIII. Meeting Adjournment

The meeting adjourned at 8:42 p.m.

Upcoming Meetings:

Next RAB Meeting: 9 January 2008, 6:30 p.m. – Port Authority of San Antonio – Boardroom

Attachments:

- 1 Agenda- 9 October RAB
 - 2 Presentation slides for October 2007 RAB meeting
 - 3 Meeting Minutes – 17 July 2007 BCT meeting
 - 4 Meeting Minutes – 17 July 2007 Kelly RAB
-

Air Force Real Property Agency

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Kelly Restoration Advisory Board

9 October 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

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Nomination and Election of Community Cochair

6:40pm – 7:00pm

- Nomination and Election of Kelly RAB
Community Cochair

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Eligibility of RAB Members

7:00 pm – 7:20pm

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Eligibility of RAB Members

- May 12, 2006, DoD published the RAB Final Rule. This rule made clear the eligibility of community RAB members:
 - Final Rule 202.1(c)(1): Community RAB member shall mean those individuals identified by community members and appointed by the Installation Commander to participate in a RAB who live and/or work in the affected community or are affected by the installation's environmental restoration program. (pg. 27618)
 - Final Rule 202.4 (a)(2): Community RAB members should live and/or work in the affected community or be affected by the installation's environmental restoration program. (pg. 27619)
 - Final Rule Preamble C. 202.4: Several commenters requested that the Department expand RAB membership opportunities to those individuals that do not live or work in the affected communities. This comment was not incorporated because membership is restricted to those individuals that live or work in the affected communities. (pg. 27612)
 - Final Rule Preamble C. 202.4: Representatives of organizations and agencies who live and work outside the affected area are certainly encouraged to voice their opinions and actively participate at RAB meetings. (pg. 27612)
 - Proposed Rule Preamble A.4.a.: Representatives of organizations and agencies who live and work outside the affected area are encouraged to voice their opinions at RAB meetings within the rules of conduct established by the RAB. (pg. 4067)

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Eligibility of RAB Members

- (c) *Definitions*. In this section:
 - (1) *Community RAB member* shall mean those individuals identified by community members and appointed by the Installation Commander to participate in a RAB who live and/or work in the affected community or are affected by the installation's environmental restoration program.

- **Community RAB members are those individuals who are:**
 1. **Identified by the community; and**
 2. **Appointed by the Installation Commander; and**
 3. **Live and/or work in the affected community; or**
 4. **Are affected by the environmental restoration activities at an installation**

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Eligibility of RAB Members

- (6) *Stakeholders* are those parties that may be affected by environmental restoration activities at an installation, including family members of military personnel and civilian workers, local and state governments and EPA for NPL properties, tribal community members and indigenous people, and current landowners, as appropriate.

- **Are affected by the environmental restoration activities at an installation, including:**
 - **Family members of military personnel and civilian workers; or**
 - **Local and state governments and EPA for NPL properties; or**
 - **Tribal community members and indigenous people; or**
 - **Current landowners.**

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BRAC Environmental Coordinator (BEC) Update

7:20pm – 7:30pm

- Library Documents
- BCT Update

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Library Documents

- **AFRPA documents below will be placed in the Kelly RAB Community Cochair Library following this meeting**

- **TCEQ letter to AFRPA, 07/03/07** – Re: TCEQ's Acceptance of Deed Certification Release from Post-Closure Care Responsibilities Zone 3 Sites – Building 310; Building 316 Pretreatment Facility; IRP Site IWCS; Building 329 Locations of Concern; Building 338 Former Foundry; Building 347 Wash Rack; Building 348 Cleaning Line; Building 348 Vaulted AST; Building 349 CSA; Building 365 Defueling Cart Area; Building 365 CSA (Including NOR Unit No. 078); Building 362 CSA (Including NOR Unit No. 021); Building 375 CSA and Cleaning Room; Building 375 OWS; Building 385 CSA and Wash Rack (including NOR Unit No. 0023); East Taxiway; Ramp Area; and South Ramp Area.
- **TCEQ letter to AFRPA, 07/03/07** – Approval – Risk Reduction Standard No. 1, Building 1586 Drainage Trough and Wash Rack Closure Report, March 1, 2007
- **TCEQ letter to AFRPA, 07/03/07** – Acceptance of Deed Certification and Release from Post-Closure Care Responsibilities Facility 3066 Container Storage Area, Risk Reduction Standard No. 2, Defense Reutilization and Marketing Office (DRMO)/Kelly AFB
- **TCEQ letter to AFRPA, 07/05/07** – Acceptance of Deed Certification and Release from Post-Closure Care Responsibilities Building 1416 Wash Rack

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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, 07/12/07 – Response to Comments on the Zone 1 Draft Final Corrective Measures Study (CMS) Investigation Report, Volume 1 and Draft Final CMS Human Health Risk Assessment, Volume 2, March 13, 2007
 - TCEQ letter to AFRPA, 09/14/07 – Comments to Building 1601 Wash Rack Release Assessment, August 14, 2007

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BRAC Cleanup Team (BCT) Update

BCT Update

- 17 July 2007 BCT
 - Copies of final BCT meeting minutes to be included in RAB meeting packets when complete

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Soil Vapor Intrusion Briefing

7:30pm – 7:45pm

- Soil Vapor Intrusion
- Questions & Answers

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Air Force Real Property Agency

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Past Soil Vapor Intrusion Studies



9 October 2007

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What is a safe level of risk?

- From EPA's experience:
 - The EPA considers the 1×10^{-4} to 1×10^{-6} risk range "safe" in its various air and water standards.
 - Risks greater than 1×10^{-4} are almost always unacceptable or unsafe and need to be controlled.
 - Risks that are between 1×10^{-5} to 1×10^{-4} have been controlled on a case-by-case basis.
 - Risk less than 1×10^{-6} are usually not controlled and thus deemed safe.
- Texas Risk Standards set clean-up criteria based on a 1×10^{-6} risk standard.

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Risk Background

- What does 1×10^{-4} or 1×10^{-6} mean?
 - When we write, " 1×10^{-6} " or say "one times ten to the minus sixth," we are using scientific shorthand to express "one-in-a-million."
 - By saying that there is a one-in-a-million excess cancer risk from a given level of exposure to a chemical, we mean that for each person exposed to a specific cancer causing chemical at some definite level during his/her entire lifetime of 70 years, he/she has at most a one-in-a-million chance of getting cancer from that chemical.

So, what does that mean?

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Current Status – Final Remedies

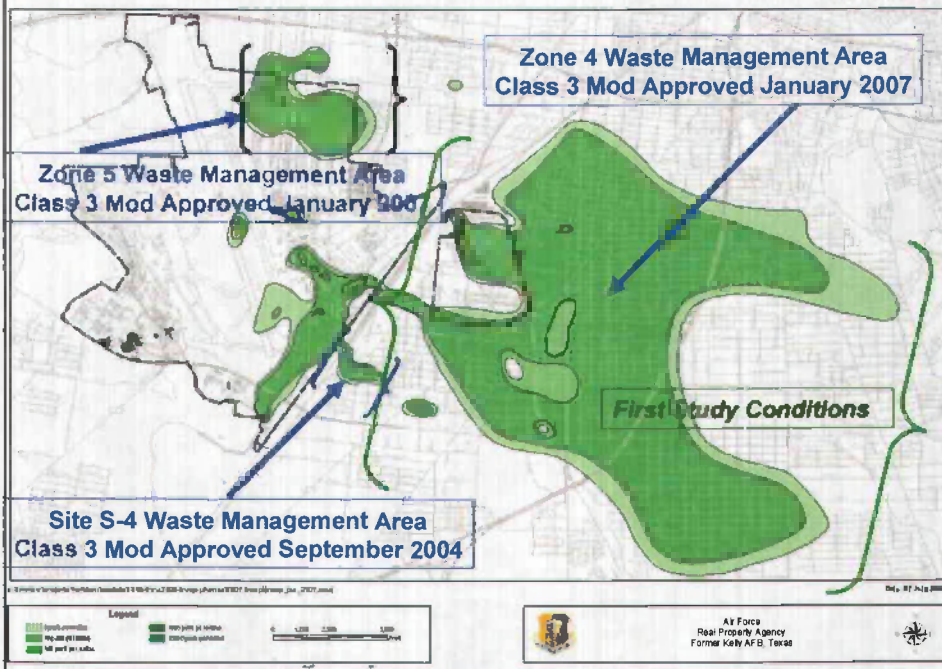
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- Some of the off-base groundwater is sourced from the following Kelly sites: Site E-1, Site S-4, Site S-8, Site MP, Zone 4 and Zone 5
 - Off-base groundwater from Site MP is part of the Zone 4 Corrective action.
 - Final remedies have been installed and are operational
 - Annual groundwater monitoring (semi-annual for Site S-8) shows decreasing VOC trends in off-base locations
 - Groundwater Protection Standards:
 - PCE – 5 µg/L (ppb)
 - TCE – 5 µg/L (ppb)
 - 1,2 DCE – 70 µg/L (ppb)
 - VC – 2 µg/L (ppb)
- Class 3 Modifications to Compliance Plan, which identify the final remedial action, approved by TCEQ in:
 - April 2003 for Site S-8
 - September 2004 for Site S-4
 - January 2007 for Zone 4 and Zone 5
- The Class 3 Modification to the Compliance Plan for Site E-1 is currently under review by the TCEQ.

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2001 TCE Basewide Compliance Plan (2000 Well Sample Data)





Background – Soil Vapor Studies

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- Purpose: evaluate *groundwater-to-indoor-air* pathway
 - Volatile organic compounds
 - Is the pathway complete?
 - Is it significant?



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Johnson and Ettinger (J&E) Modeling

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- Site screening model used by the EPA
- Model used to estimate indoor air concentrations:
 - Chemical concentrations in groundwater
 - Soil criteria (soil type, density, porosity, etc.)
 - Developed action levels for shallow soils that are protective of indoor air
 - Based on slab-on-grade construction
- Sample sites selected
 - Highest potential vapor intrusion
 - Presence of vinyl chloride in groundwater

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Soil Vapor Intrusion (SVI) Studies

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- AFRPA has conducted 3 SVI studies
- Initial study conducted in 2000
 - Results were below screening levels (J&E 1997 Model)
 - EPA & TCEQ requested seasonal variation assessment
- Seasonal variation evaluated in 2002 study
 - Results were below screening levels (J&E 2000 Model)
 - EPA & TCEQ approved study with no further action
- Sub-Slab study conducted in 2003
 - Requested by City of San Antonio
 - Results were below screening levels (J&E 2003 Model)

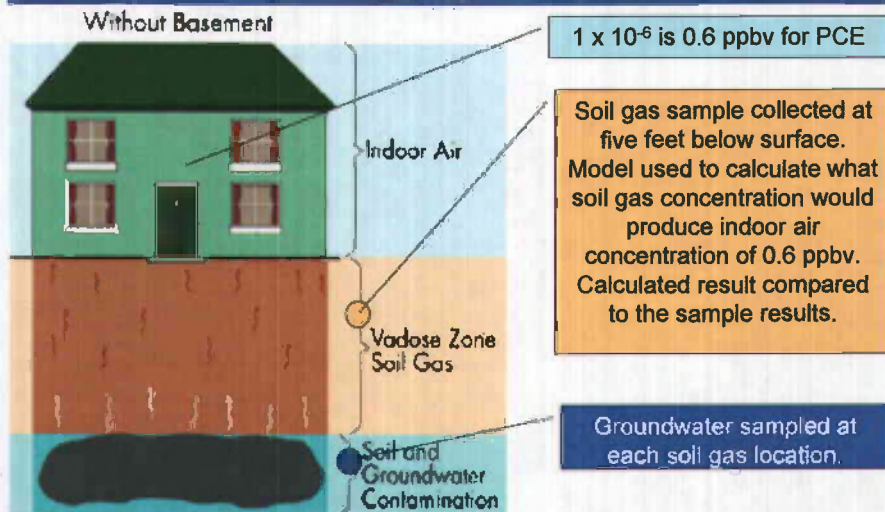
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Soil Vapor Study - 2000

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Initial Study, 2000 J & E (1997)

- Target Indoor Air Concentration – 0.6 ppbv (PCE), 0.3 ppbv (TCE)
- Depth to Groundwater – 15 feet
- Temperature - 22°C
- Soil Parameters:
 - Soil Type – Silty Clay
 - Vadose Zone Permeability – 2.9×10^{-9}
 - Soil bulk density – 1.7 gm/cm^3
 - Zone Soil Total Porosity – 0.3
 - Zone Soil Water filled porosity – 0.1
- Building Parameters
 - Building size - two-storied residence of 8-ft ceiling heights and each floor being square with a floor area of 1000
 - Foundation Depth – 15 cm
 - Soil building Pressure Differential – 4 pascals
 - Indoor Air Exchange – 0.45 exchanges/hour
- Calculated Attenuation Factors (not a model input)
 - PCE – 6.67×10^{-6} (soil gas to indoor air)
 - TCE – 9.38×10^{-6} (soil gas to indoor air)

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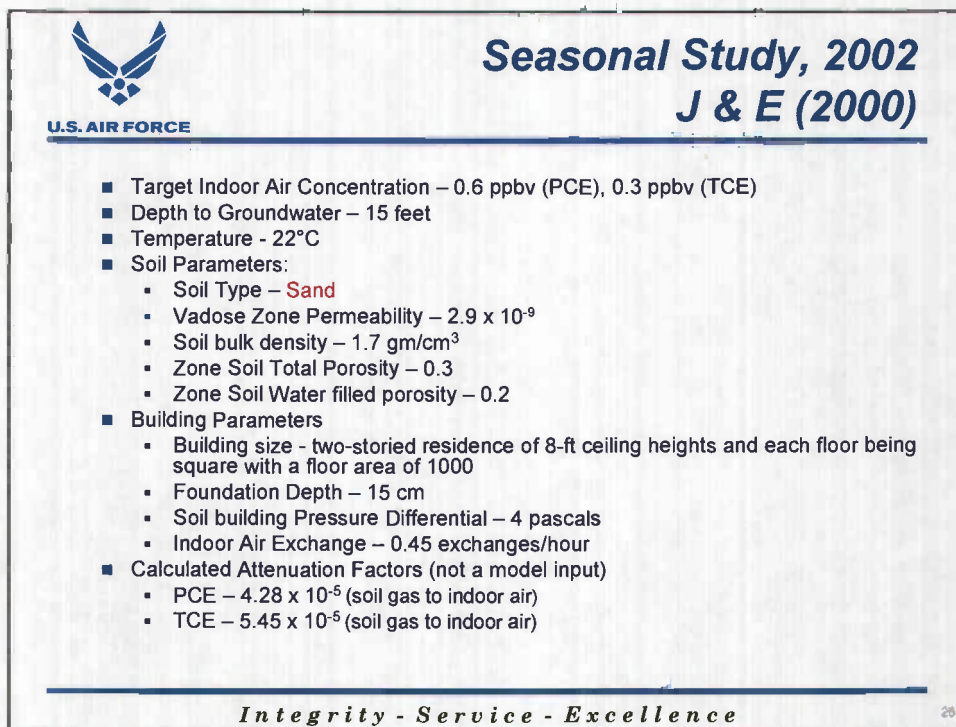
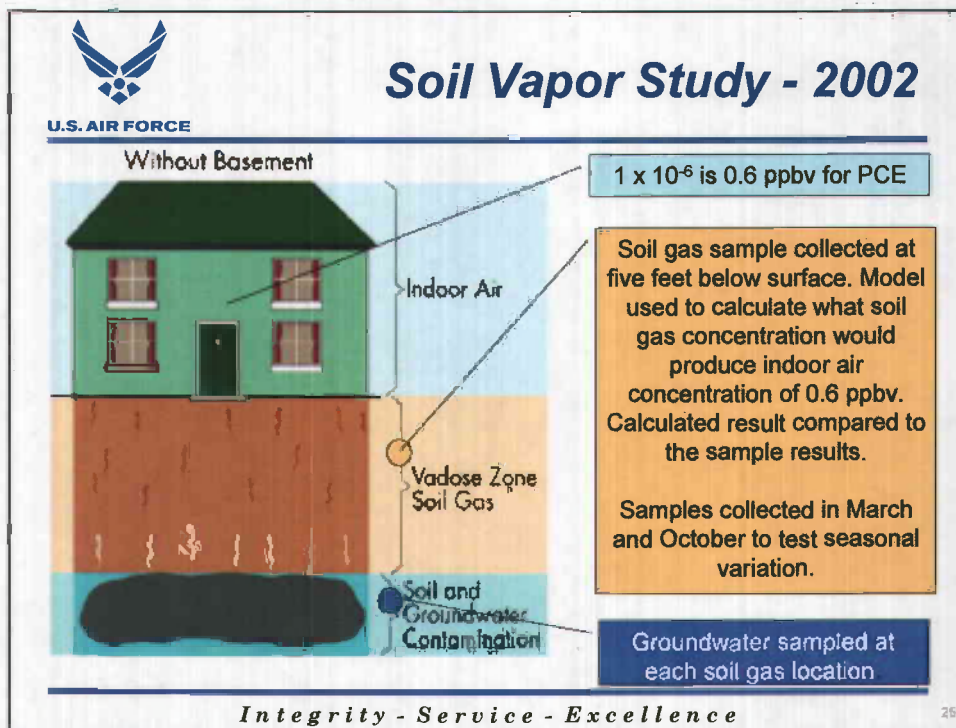
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Results for Initial Study

- Action Levels for Soil Gas at 5 feet bgs Calculated with Johnson and Ettinger Model:
 - PCE
 - Target Indoor Air – 0.6 ppbv, representing 1×10^{-6} Risk
 - Screening level calculated to be 90,000 ppbv
 - Highest measured soil gas was 2,100 ppbv
 - TCE
 - Target Indoor Air – 0.3 ppbv, representing 1×10^{-6} Risk
 - Screening level calculated to be 32,000 ppbv
 - Highest measured soil gas was 115 ppbv
 - EPA and TCEQ identified the need to collect more soil gas samples to determine if any seasonal affects exist in the shallow soils.

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Results for Seasonal Study

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- Action Levels for Soil Gas at 5 feet bgs Calculated with Johnson and Ettinger Model:
 - PCE
 - Target Indoor Air – 0.6 ppbv, representing 1×10^{-6} Risk
 - Screening level calculated to be 14,000 ppbv
 - Highest measured soil gas was 1,610 ppbv in Apr 2002
 - Highest measured soil gas was 2,050 ppbv in Oct 2002
 - TCE
 - Target Indoor Air – 0.3 ppbv, representing 1×10^{-6} Risk
 - Screening level calculated to be 5,500 ppbv
 - Highest measured soil gas was 8.6 ppbv in Apr 2002
 - Highest measured soil gas was 41.5 ppbv in Oct 2002
 - EPA and TCEQ approved soil gas study – no further soil gas sampling would be required.

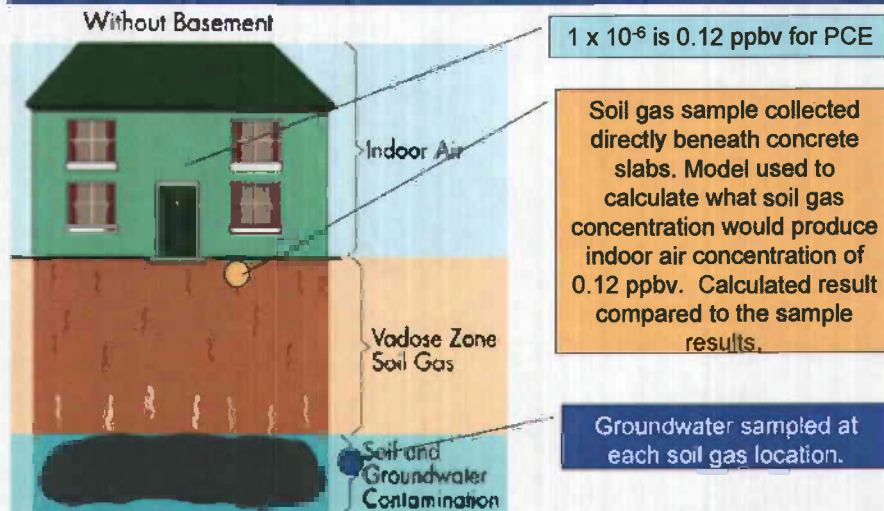
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Soil Vapor Study - 2003

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7/4



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Subslab Study, 2003 J & E (2003)

- Target Indoor Air Concentration – 0.12 ppbv (PCE), 0.27 ppbv (TCE)
- Depth to Groundwater – 15 feet
- Temperature - 22°C
- Soil Parameters:
 - Soil Type – **Silty Clay Loam**
 - Vadose Zone Permeability – 2.9×10^{-9}
 - Soil bulk density – 1.7 gm/cm^3
 - Zone Soil Total Porosity – **0.42**
 - Zone Soil Water filled porosity – 0.1
- Building Parameters
 - Building size - two-storied residence of 8-ft ceiling heights and each floor being square with a floor area of 1000
 - Foundation Depth – 15 cm
 - Soil building Pressure Differential – **15** pascals
 - Indoor Air Exchange – **0.25** exchanges/hour
- Calculated Attenuation Factors (not a model input)
 - PCE – 4.9×10^{-3} (sub slab to indoor air); 3.5×10^{-5} (gw to indoor air)
 - TCE – 4.9×10^{-3} (sub slab to indoor air); 3.5×10^{-5} (gw to indoor air)

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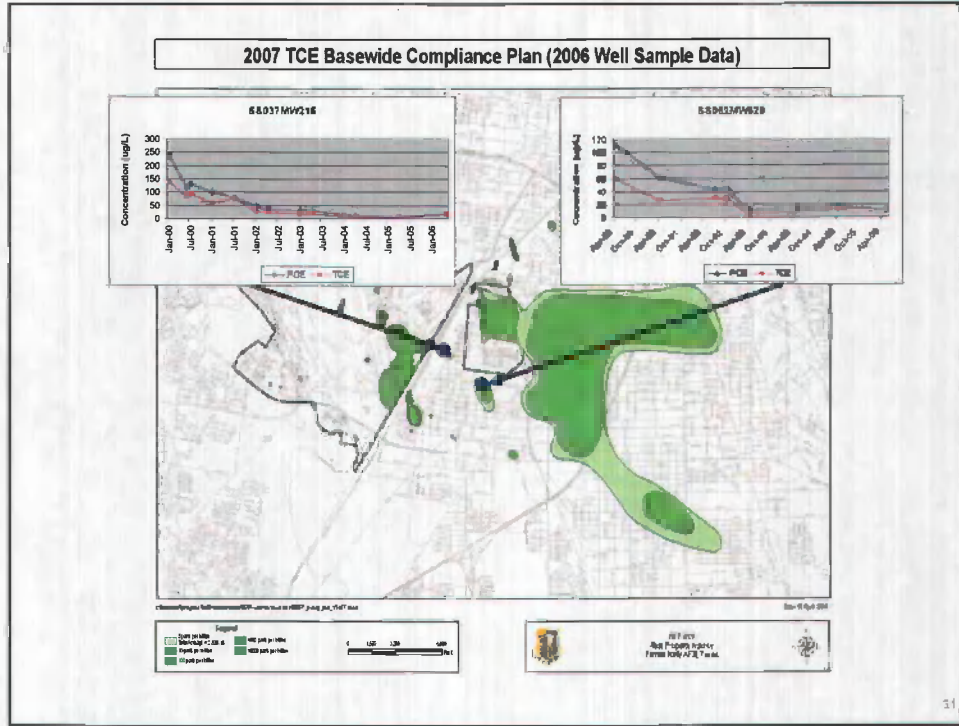
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Results for Subslab Study

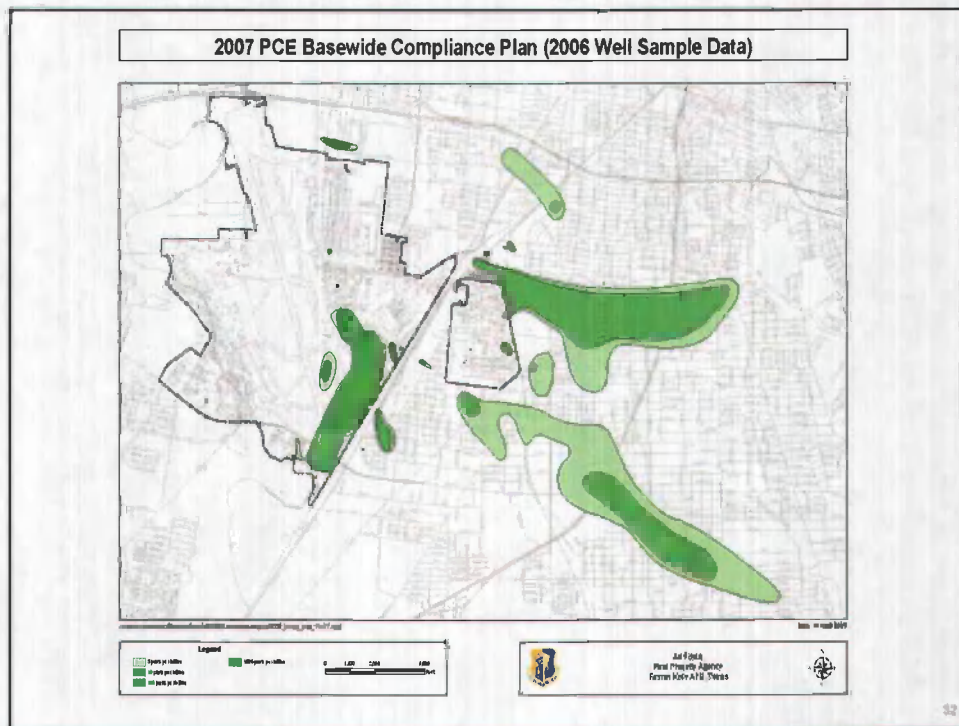
- Subslab study was conducted per a request from the City of San Antonio
- Action Levels for Soil Gas at Point Below Slab, Calculated with Johnson and Ettinger Model:
 - PCE
 - Target Indoor Air – 0.12 ppbv, representing 1×10^{-6} Risk
 - Screening level calculated to be 25 ppbv
 - Highest measured soil gas was 4.19 ppbv
 - TCE
 - Target Indoor Air – 0.29 ppbv, representing 1×10^{-6} Risk
 - Screening level calculated to be 55 ppbv
 - Highest measured soil gas was 0.76 ppbv

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Soil Gas Studies Summary

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- The evaluations for vapor intrusion have not indicated potential for unsafe levels in indoor air
- The findings and recommendations regarding the former Kelly AFB's environmental program including soil vapor intrusion are reviewed and approved by the Texas Commission on Environmental Quality and US EPA Region 6.
- The remediation of the groundwater has and will further reduce the levels of volatile chemical contaminants and also lower the potential risk of vapor intrusion.
 - since the last soil vapor studies in 2002 and 2003, maximum concentrations of PCE have *decreased* from 134 ppb in 2000 to 17.4 ppb in 2006 in off base areas – *a decrease of 87%*
 - At the location of the highest soil gas detections, groundwater concentrations of TCE have *decreased* from 73.5 ppb to 12.4 ppb across the same time period – *a decrease of 83%*

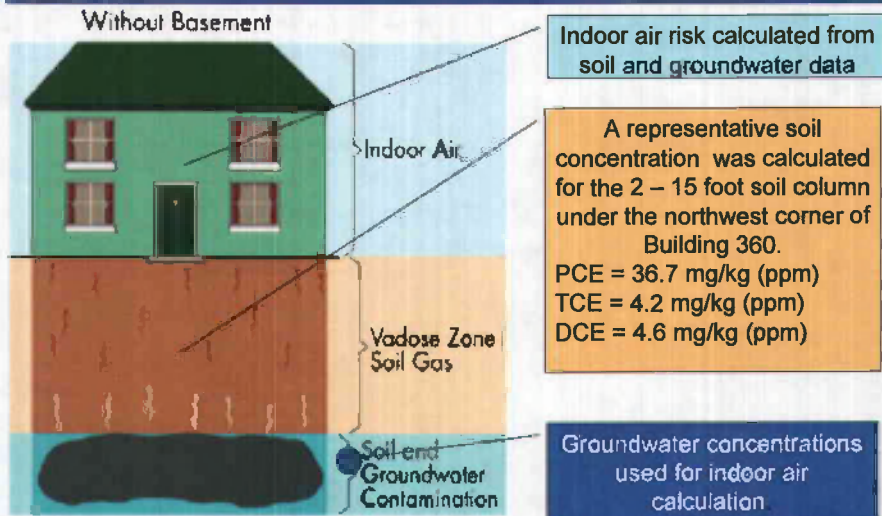
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Building 360 – SVI Analysis Zone 2 and 3 Corrective Measures Study

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Building 360 Data Summary

- Indoor air at Building 360 was evaluated because of high soil and groundwater concentrations beneath northwest corner of building
- Occupational exposure assumed a worker working 25 years and 300 days a year in the northwest corner of the building
- Shallow groundwater PCE, TCE and 1,2-DCE concentrations were taken from monitoring well adjacent to the building.
- Representative soil concentrations for PCE, TCE and 1,2-DCE were calculated near maximum soil concentrations.
 - Soil concentrations were assumed to be the same throughout the entire block of soil beneath the building.
- Results: the total cancer risk is 4.3×10^{-4}
 - Incorporates PCE and TCE in subsurface soils and groundwater.
 - Risk is primarily due to soil contamination

(data from Appendix E, Zone 2 and 3 CMS, November 2005, AR #2741, Page 518)

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Zone 2 and 3 CMS Summary

- Worker exposure time and soil concentrations were conservative.
- Building assumed area was closed, but one side remains open.
- Because of the conservative nature of the risk assumptions, remediation to address contamination on the basis of potential soil vapor intrusion alone would require additional evaluation.
- However, remediation of soil and groundwater at Building 360 is required to comply with TCEQ rules, regardless of potential soil vapor intrusion, and systems have been installed to address the contamination.

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Off-Base Cleanup Briefing

- Questions?

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Public Comment Period

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 8 January 2008

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Adjournment

8:30pm

- Adjournment

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Notes – Upcoming Meetings

■ Next RAB Meeting:

- 8 January 2008, 6:30pm

■ Location:

- Port Authority San Antonio - Main Boardroom

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Technical Assistance for Public Participation (TAPP) Projects for the Kelly Restoration Advisory Board

Fiscal Year	Project/Document Name	Contractor	Beginning Amount	Amount
1998	ATSDR Report (Water)	University of Maryland		\$9,706.00
1998	1997 Basewide Remediation Assessment	Clearwater Revival		\$6,975.00
1998	OU-2 Workplan	Neathery Environmental		\$5,145.00
1999	Zone 3 Corrective Measures Study Addendum	Clearwater Revival		\$6,375.00
1999	Remedial Investigation of Zone 4 OU-2	Neathery Environmental		\$6,195.00
1999	Final Zone 5 Corrective Measures Study	Geomatrix		\$3,617.50
2000	Shallow Groundwater Report	Geomatrix		\$5,572.50
2000	Site S-8 Draft Final Corrective Measures Investigation	Neathery Environmental		\$5,660.00
2000	Site MP Draft RCRA Facility Investigation	Clearwater Revival		\$5,925.00
2001	Zone 3 RCRA Facility Investigation	Clearwater Revival		\$5,775.00
2001	Zone 4 Corrective Measures Study	Geomatrix		\$8,390.00
2001	ATSDR Health Assessment	University of Maryland		\$7,428.00
2003	(Mod-01)	Clearwater Revival		\$500.00
2003	Zone 2/3 Correctives Measures Study	Neathery Environmental		\$5,570.00
2003	ATSDR Air Emission Study	University of Maryland		\$8,366.00
2006	2005 Semiannual Compliance Plan	Clearwater Revival		\$6,625.00
Total Spent to Date				\$97,825.00

Remaining Balance **\$2,175.00**

July 17, 2007
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Port Authority of San Antonio
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DRAFT Meeting Minutes

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Jose Martinez, Facilitator
Patricia Wilson, AFRPA, Contractor

AFRPA Partner Agencies:

Kristen Bettis, SAMHD-PCEH
Monica Martinez, TCEQ
Abigail Power, TCEQ
Jorge Salazar, TCEQ

Elected Officials:

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

Public Participants:

Lara Cushing
Armando Quintanilla
Robert Silvas

The meeting began at 6:30 p.m.

I. Welcome and Overview – Mr. Jose Martinez

Mr. Martinez began the meeting by welcoming everyone to the July 2007 Kelly Restoration Advisory Board meeting. Mr. Martinez conducted a roll call of all RAB community members and later acknowledged all others in attendance of the meeting.

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

II. Installation Cochair Comments

Ms. Coderre, Mr. Antwine's alternate, addressed the community members regarding three new items of interest. Ms. Coderre demonstrated how to locate administrative records for the former Kelly AFB on the AFRPA public website. She also stated the most recent RAB information, including minutes, transcripts, and action items, were now available online. The website currently includes RAB information from 2000 through the present and will continue to be updated with additional RAB information.

Ms. Coderre informed the RAB the current logistics planner for the RAB meetings, Mr. Todd Colburn, would be leaving AFRPA and his replacement would be Ms. Wilson.

The final item discussed by Ms. Coderre was the RAB Environmental Handbook. She explained that this product was a result of Mr. Garcia's suggestion at a previous RAB meeting. This handbook was distributed to the RAB members and includes: Zones 2-5 Environmental Updates, Citizen's Guide to *Semiannual Compliance Plan Reports*, fact sheets, and Environmental Terms Dictionary.

III. Nomination and Election of Community Cochair

Mr. Martinez asked Ms. Coderre if the RAB had reached the quorum necessary to conduct business and appoint a cochair. Ms. Coderre read section 3.2.5 of the RAB Charter, which states the presence of nine members in addition to the installation cochair shall constitute a quorum at any regular or special meetings provided there are at least six community members present. Mr. Martinez acknowledged that based on meeting attendance of five RAB members, the process to appoint a community cochair could not take place because the quorum was not met. The appointment would be rescheduled for the October 2007 RAB meeting.

IV. BRAC Cleanup Team (BCT) Update – Ms. Norma Landez

Ms. Landez indicated final minutes from the 10 April 2007 Kelly BCT meeting were provided in the meeting packets. Additionally, Ms. Landez stated a more recent BCT took place on 17 July 2007. Minutes would be available at the next RAB meeting in October 2007.

The following topics were discussed during the July 2007 BCT:

- 1 Review status of IRP Zone 1 Corrective Measure Study (CMS) and Corrective Measures Implementation (CMI) Plan
- 2 Review status of Zone 1 Group 1 site interim remedial actions
- 3 Review of major project status for IRP Zones 2, 3, 4 and 5
 - Electric Resistance Heat for Bldg 301 awaiting funds to complete project
 - Site E3 awaiting a contract
- 4 Review FY08 property transfer goal, schedule, and action items
- 5 Review of documents to be submitted for regulatory review within the next 90 days

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 the meeting packets:

- 1 Revised Corrective Action Observation Wells for Site E-3 and Site S-8, 27 February 2007
- 2 Acceptance of Deed Certification for Building 1586 Oil/Water Separator, 9 March 2007
- 3 Acceptance of Deed Certification for Industrial Wastewater Collection System Pipeline, 9 March 07
- 4 Acceptance of Deed Certification for Environmental Process Control Facility, 24 April 2007
- 5 Acceptance of Deed Certification for Facility 3041 Former Wash Rack, 24 April 07
- 6 Review of Zone 1 Draft Final Corrective Measures Study Remedial Alternative Evaluation Report, 17 May 07
- 7 Conditional Approval of Zone 1 DF Corrective Measures Study Remedial Alternative Evaluation Report, 18 May 07

Ms. Landez informed the RAB an ad regarding Site D10 closure ran in the Express-News Monday, 23 July 2007.

Lackland will hold its Community Council on Restoration (CCR) meeting 24 July 2007 from 6:00-7:00 p.m. at Chapel Hill United Methodist Church located on SW Loop 410. They will discuss sites SS043, SS035 and landfills 11, 13 located within Zone 1.

Mr. Garcia asked if the Zone 1 final CMS was available and would the RAB be provided copies of it. Ms. Landez stated the report should be available in both the library and the online Administrative Record.

V. Off-Base Cleanup Briefing

Mr. Buelter provided an update to the ongoing remedial cleanup actions at the former Kelly AFB. His briefing included slides depicting TCE/PCE plumes with data derived from the Basewide Compliance Plan (Well Sample Data) from 1998 through 2007. Mr. Buelter also provided an in depth review of cleanup systems installed at different locations and explained how these systems were contributing to the reduction of size and concentrations of the off-base plumes. The presentation handouts were included in all meeting packets.

At the end of the briefing Mr. Buelter was asked the following questions by RAB members:

Ms. Abbott asked if there was any correlation between rain fall and the levels of TCE found in the well sample data and how would the current rain fall affect the levels? Mr. Buelter stated that with 43 days of rain, the results may show some type of correlation in the next sampling.

Ms. Abbot also asked, why the numbers fluctuate between odd and even years? Mr. Buelter stated the sampling is completed from the end of April through June so it is more consistent year to year.

Mr. Garcia asked if AFRPA could identify where the contamination of Leon Creek is coming from, why doesn't the Air Force try to locate the original source, and could there be a study conducted on the contamination. Mr. Buelter stated this plume comes from an industrial area of Kelly and migrates across the flight line. Mr. Weeger stated there has already been an ecological risk assessment conducted on Leon Creek which took approximately eight years to complete. The Texas Department of Health determined that as long as the Air Force continued to operate remediation systems on both sides of the creek there was no risk to ecological receptors with the fish or other things in the creek.

Mr. Skrobarcek asked what the comparison standard was for PCE and TCE. Mr. Buelter stated the acceptable level was five micrograms per liter for both PCE and TCE.

VI. Public Comment Period

Mr. Rodriguez asked what the criteria is for a RAB adjournment. He also asked if the Kelly RAB may be adjourned in the near future, and if so, could his office be notified regarding adjournment.

Ms. Coderre read paragraph 202.10 of the RAB Final Rule dated 12 May 2006, which discusses the conditions an installation commander may consider when considering adjourning a RAB.

Ms. Coderre stated the Air Force is not currently discussing the adjournment of the Kelly RAB. Mr. Weeger stated it could be several more years before adjournment.

Mr. Garcia asked if the next set of meeting minutes could include page numbers. Ms. Coderre said this would be accomplished.

Mr. Perez was concerned about the eligibility of Mr. James Betus as a RAB member. He did not feel Mr. Betus could be a community RAB member as a military member. He felt this could be a conflict of interest. Ms. Coderre stated the Air Force would be happy to discuss community RAB member eligibility during the next RAB meeting October 07.

Mr. Garcia asked about air pollution emitted from aircraft at Kelly and wanted to know if a study could be conducted regarding air pollution at the former Kelly AFB. Mr. Garcia also stated the Air Force dumped fuel on the runway in the past and this should be reviewed as a possible source of contamination. Mr. Weeger addressed this request by stating ATSDR produced a report regarding the aircraft emissions and stated this is no longer an issue for the RAB. He reminded everyone the RAB should not request reports for items that have already been

addressed in past RAB meetings.

VII. RAB Open Discussion/Upcoming Agenda

Recommended agenda topics for the next RAB meeting included soil vapor intrusion and RAB member eligibility.

VIII. Meeting Adjournment

The meeting adjourned at 8:30 p.m.

Upcoming Meetings:

Next RAB Meeting: 9 October 2007, 6:30 p.m. – Port Authority of San Antonio – Boardroom

Attachments:

- 1 Agenda- 17 July 2007 RAB
 - 2 Presentation slides for July 2007 RAB meeting
 - 3 Meeting Minutes – 10 April 2007 BCT meeting
 - 4 List of Kelly RAB Community Cochair Library Documents, July 2007
 - 5 Memo to Kelly RAB, 4 April 2007, Re: Appointment of Cochair and Charter Review
 - 6 Meeting Minutes – 10 April 2007 Kelly RAB
 - 7 Action Item Report – 10 April 2007 Kelly RAB
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Former Kelly Air Force Base (AFB) BRAC Cleanup Team (BCT)
17 July 2007 Meeting Minutes

The BCT Meeting began at 10:30 am on 17 July 2007 in Conference Room #3 at the Air Force Real Property Agency Chief Operations Office - Kelly (AFRPA/COO-K) in San Antonio. A summary of the BCT meeting is provided below.

Item #	Lead	Support	Discussion Topic	Comments	Discussion Topic Concluded	Disposition/Action Items
1.	Ravichandran, M.	Braddy, G.	Zone 1 Update	Review status of Zone 1 CMS and CMI WP.	Yes	<p>TCEQ sent letter dated 12 Jul 07 with the Toxicology & Risk Assessment (TARA) Section's comments in response to the AF's response to comment on Volume 2 (Baseline Risk Assessment) of the Draft Final Corrective Measures Study (CMS). TCEQ indicated the AF needs to show how the remedies will eliminate pathways for contaminants in both soil and groundwater to address TARA's concerns. EPA will not provide further comment on the AF's response to comments on Volume 2.</p> <p>In response to EPA's concerns that watering the baseball field located on a portion of Site SS043 may cause transport of contamination, a geomatrix liner will be in the landfill after completing the work on the troughs.</p> <p>Lackland AFB has developed proposed plans for LF11, LF13, and SS043 and will have a public meeting to present the plans on 24 Jul 07 from 6 - 7 pm at the Chapel of United Methodist Church on Loop 410. The public meeting will occur prior to the next CCR. Notice of the public meeting was placed in the Express-News on 15 Jul 07.</p> <p>The Final Interim Measures Report for the Drum Removal will be sent to regulators Aug 2007.</p> <p>Lackland AFB is awaiting approval of the preconstruction notification sent to the US Army Corps of Engineers to begin the creek bank restoration.</p> <p>Corrective measures implementation design of the ten IRP sites has been completed. A design review meeting will be scheduled at the end of Aug 2007.</p> <p>Reviewed construction activities for LF11, SS043, and LF13. LF11 erosion control efforts to protect waste/debris left in place are currently ongoing. Plan to complete construction at Site SS043 and</p>

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2.	Landez, N.	Zone Managers	Zone Updates	Review of major project status for IRP Zones 2, 3, 4 and 5.	Yes	<p>Discussed submittal of Permit renewal application in Dec 2007 and its potential impact to the current Class 3 Modification for Zones 2 and 3 and the imminent Class 3 Modification for Zone 1. A meeting to discuss impacts of the renewal application will be scheduled with the Waste Permits Section.</p> <p>The following updates were provided for Zones 2 and 3:</p> <ul style="list-style-type: none"> • Site D-10 notice of proposed corrective measure will be published 20 Jul 07. • Contract awarded for source removal at Site E-3. Anticipate beginning work in August 2007. • Bldg 360 soil vapor extraction (SVE) system - installation of the horizontal wells has been completed; SVE equipment is being purchased for installation. • Bldg 301 Electrical Resistive Heating - awaiting funds to modify contract; anticipate work to begin August 2007. <p>The following updates were provided for Basewide projects:</p> <ul style="list-style-type: none"> • Leon Creek sampling is currently ongoing. Sediments samples from the city's stormwater culverts that discharge to Leon Creek will be sampled for PCBs. • A letter requesting status of closure for tank sites located in Zones 4 and 5 will be sent to Dennis Rogers. • Bldg 38 and Bldg 98 tank closure reports - need to determine if tanks need to be closed in accordance with 30 TAC 334 or 30 TAC 335.

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3.	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	<ul style="list-style-type: none"> • July Semiannual Compliance Plan Report • Zone 1 Interim Measures Report for Drum Removal • Reports on assessment of active units located in leaseback areas • Small Arms Range Closure

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