



KELLY AFB
TEXAS

ADMINISTRATIVE RECORD
COVER SHEET

AR File Number 3240

Meeting Agenda*

11 April 2006

Kennedy High School, Cafeteria
1922 S. General McMullen

- | | | |
|--------------------|--|----------------------------|
| 6:30 - 6:50 | Introduction | Dr. David Smith |
| | A. Pledge of Allegiance | |
| | B. Moment of Silence | |
| | C. Agenda Review | |
| | D. Packet Review | |
| | E. Opening Community Comment Period | |
| | <i>Comments limited to <u>four</u> minutes</i> | |
|
 | | |
| 6:50 - 7:20 | Administrative | |
| | A. AFRPA Update | Mr. Adam Antwine |
| | B. BCT Update | Ms. Norma Landez |
| | C. Documents to TRS/RAB | Ms. Norma Landez |
| | D. Updated Minutes; Jan. 2006 - Mar. 2006 | Mr. Robert Silvas |
| | E. TAPP projects | Mr. Robert Silvas |
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 | | |
| 7:20 - 7:40 | PCEH - Sub-slab vapor air monitoring | PCEH Representative |
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 | | |
| 7:40 - 7:55 | Questions and Answers | Community Members |
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| 7:55 - 8:25 | CERCLA 5 Year Review report | Ms. Norma Landez |
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| 8:25 - 8:40 | Questions and Answers | Community Members |
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| 8:40 | Meeting Wrap-up | Dr. David Smith |
| | A. Closing Community Comment Period | |
| | <i>Comments limited to <u>four</u> minutes</i> | |
| | B. Next TRS Meeting | |
| | 13 June, 6:30 p.m. : Kennedy High School, 1922 South General McMullen* | |
| | C. Next RAB Meeting | |
| | 11 July, 6:30 p.m. : Location TBD* | |
|
 | | |
| 8:55 | Adjournment | |

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

April 11, 2006
Kelly Restoration Advisory Board (RAB)
Kennedy High School Cafeteria
1922 S. General McMullen
San Antonio, Texas 78237

DRAFT Meeting Minutes

RAB Community Member Attendees:

Robert Silvas, Community Cochair
Rodrigo Garcia
Nazirite Perez
Armando Quintanilla

RAB Government Member Attendees:

Adam Antwine, Installation Cochair
Gary Martin, Port Authority of San Antonio
Gary Miller, Environmental Protection Agency (EPA), Region VI
Melanie Ritsema, San Antonio Metropolitan Health District (SAMHD)
Mark Weegar, Texas Commission on Environmental Quality (TCEQ)

Other Attendees:

David Smith, Facilitator
Sal Aguinaga, Port Authority of San Antonio
Vanessa Antuna, student
Monica Carreon, student
Sonja Coderre, Air Force Real Property Agency (AFRPA)
Todd Colburn, AFRPA Contractor
Kyle Cunningham, SAMHD (Alternate for Melanie Ritsema)
Alan Ferrell, SAMHD
Cecil Green, student
Christy Zamora-Gutierrez, student
Linda Kaufman, SAMHD
Norma Landez, AFRPA
Grey Lyssy, EPA (Alternate for Gary Miller)
Eduardo Martinez, AFRPA Contractor
David Plylar, City of San Antonio, District 5 Office
Abigail Power, TCEQ (Alternate for Mark Weegar)
Sara Rosario, student
Brad Watson, Zephyr
Joe Zupan, Zephyr

The meeting began at 6:43 p.m.

I. Introduction – Dr. David Smith

Dr. Smith began the meeting by welcoming RAB members and other attendees. Dr. Smith led the meeting with the Pledge of Allegiance followed by a moment of silence. Dr. Smith then provided a brief overview of the meeting agenda.

Mr. Eduardo Martinez followed Dr. Smith with a detailed meeting packet review.

Mr. Silvas stated the read ahead packets did not contain all the materials provided in the meeting packets, and there wasn't time to review all materials.

Mr. Garcia and Mr. Quintanilla discussed Technical Assistance for Public Participation (TAPP) funds. Mr. Antwine said the Kelly RAB must submit a TAPP application to request additional TAPP funds and Mr. Rey Nieto is available to assist with the paperwork.

Mr. Quintanilla stated he was waiting on a phone call from Mr. Antwine regarding corrections to be made on maintenance checklists for the groundwater treatment plant. The corrections included a signature and the date on one document.

II. Administrative

A. Mr. Antwine provided an AFRPA update, which began with an announcement of the Kelly Area Collaboration meeting taking place 13 May 2006. He noted the invitations and notice were in progress, and the meeting would take place at Dwight Middle School from 10:30 am to 1:30 pm. (Correction to announcement: The actual times of this meeting are 9:00 am to 1:00pm.)

Mr. Antwine announced there were three upcoming projects for discussion at TRS meetings in 2006, and a summary of project spending was available on a poster board in the room. He also informed the RAB updates to the alarms at the Groundwater Treatment Plant (GWTP) have been completed to ensure timely notification of AFRPA staff of plant problems. Mr. Antwine reminded all RAB members the Public Center for Environmental Health (PCEH) is conducting a liver study and seeking volunteers. Ms. Melanie Ritsema added that a questionnaire was being developed.

Mr. Quintanilla asked for the date of completion of the cleanup.

Ms. Landez estimated the completion date for clean up at the former Kelly AFB to be circa 2020.

Mr. Quintanilla raised concerns regarding Environmental Justice (EJ), and Mr. Gary Miller suggested EJ discussions be addressed at the upcoming Kelly Area Collaboration meeting. Mr. Quintanilla requested EPA bring an EJ representative to speak at a future RAB meeting, and Mr. Miller said he would take the request to his office, but could make no guarantee.

Mr. Garcia asked if contractor bids for AFRPA projects were competitive. Mr. Antwine said they were. Mr. Garcia also asked for a briefing on Zones 1-5, and requested the Air Force conduct air emissions studies. Mr. Antwine informed Mr. Garcia air studies can not be conducted because the air is no longer there to study.

B. Ms. Norma Landez provided a BRAC Cleanup Team (BCT) update, and noted no BCT meeting took place in March 2006. She reviewed the list of environmental documents to be placed in the cochair library, which are outlined below:

1. Decision Document for Site D-10, No Further Action Required (Signed Copy)
2. CERCLA Five-Year Review Summary Report for 22 Sites at Former Kelly Air Force Base
3. Sampling and Analysis Plan and Quality Assurance Project Plan for Former Kelly AFB
4. TCEQ Letter - Notice of Enforcement Action for Settlement Purposes Only
5. TCEQ Letter - Enforcement Action Against the USAF

6. TCEQ Letter – Executive Director’s Preliminary Report & Petition
7. AFRPA Letter - Executive Director’s Preliminary Report & Petition
8. TCEQ Letter – No Further Action – Investigation and Proposed Closure Report of Potential Underground Storage Tanks at Buildings 34, 52, 97, 506
9. TCEQ Letter – Comments to Supplemental Investigation and Proposed Closure Report of Potential Underground Storage Tank at Bldg 89
10. AFRPA Letter – Revised Summary of Facilities Table 0 Final East Kelly SWMU and Data Gap Additional Investigation
11. TCEQ Letter – Approval - Risk Reduction Standard 2 Closure Report Facility 623 UGST And Facility 654 Hydrant System
12. AFRPA Letter – Submittal of CERCLA Final Five-Year Review Summary Report
13. AFRPA Letter – Submittal of the Industrial Solid Waste Certification of Remediation for Facility 3060 and Facility 3774

Ms. Landez stated copies of all TCEQ correspondence are mailed to the RAB community cochair. She also said there were no spills to report.

Mr. Silvas mentioned a State of Texas vs. Courtney Pennington, et al. lawsuit, and Mr. Antwine informed him it was not within the scope of the Kelly RAB.

C. Due to the lack of a quorum, meeting minutes could not be voted on for approval. Mr. Silvas reported he would gather comments from other RAB members prior to the next Executive Committee meeting to approve minutes as needed.

D. The vote on new TAPP projects was not taken due to the lack of a quorum.

Mr. Gary Martin introduced a new Port Authority of San Antonio staff member, Mr. Sal Aguinaga, and added that he would be the new Port Authority RAB representative.

III. PCEH – Sub-slab Vapor Air Monitoring Study – Mr. Brad Watson, Zephyr

Mr. Watson provided a briefing on sub-slab vapor air monitoring studies Zephyr conducted on behalf of PCEH. The presentation handouts were provided to all RAB members in their meeting packets. Questions regarding the study from various audience members were addressed by Mr. Watson and Mr. Joe Zupan, also with Zephyr, as well as Ms. Kyle Cunningham with PCEH.

IV. CERCLA 5 Year Review report – Ms. Norma Landez

Ms. Landez provided a briefing of the Kelly CERCLA 5 Year Review. Presentation handouts, in addition to the report, were provided to all RAB members in their meeting packets. The full report with appendices was placed in the Kelly Community Cochair Library.

VI. Meeting Wrap-Up

All present RAB members: Mr. Silvas, Mr. Quintanilla, Mr. Perez and Mr. Garcia, were provided updated copies of Kelly RAB Reference Guides.

The next TRS meeting will take place 13 June 2006 at 6:30 p.m., Kennedy High School.

The next RAB meeting will take place 11 July 2006 at 6:30 p.m., location to be determined.

In a discussion regarding locations for future TRS and RAB meetings, it was agreed future meetings would be held in the following order of venue preference: 1) Kennedy High School, 2) Dwight Middle School, 3) Kelly Field Club, 4) Environmental Health and Wellness Center.

VII. Meeting Adjournment

The meeting adjourned at 8:54 p.m.

Attachments:

- Meeting agenda, 11 April 2006 RAB
 - Charts, FY05-FY07 environmental restoration projects, budget update
 - March 2006 TRS action item report
 - Documents placed in Cochair Library, April 2006 and March 2006/signed
 - Meeting minutes, January 2006 and March 2006, unsigned
 - AFRPA responses to Kelly RAB requests for information (RFIs)
 - PCEH briefing handouts, Sub Slab Soil Vapor Monitoring, October 27-28, 2004
 - AFRPA briefing handouts, CERCLA Five-Year Review Summary Report
 - CERCLA Five-Year Review Summary Report, June 2005
 - Kelly RAB/TRS Meeting Schedule (March 2006-December 2006 agenda forecast)
 - AFRPA newspaper ads for April RAB meeting (Southside Reporter, La Prensa, Express-News) and April 2006 RAB Public Service Announcement (PSA)
 - News Clippings
 - 2006 Kelly RAB contact information (based on signed consent forms)
-

Robert Silvas _____ Date
Community Cochair

Adam Antwine _____ Date
Installation Cochair



FY05 Environmental Restoration

Projects

U.S. AIR FORCE

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



U.S. AIR FORCE

FY06 Environmental Restoration Projects

Description	Contractor	Cost	Completed?
O&M GWTP	SAIC, HGL	\$4,743,000	Dec 2006
Compliance Plan Sampling	HGL	\$1,991,000	Mar 2007
SWMU Closures	Competitive bid - ongoing action	\$X	tbd

Integrity - Service - Excellence



U.S. AIR FORCE

FY07 Environmental Restoration Projects

Description	Contractor	Cost	Completed?
O&M GWTP	Competitive bid	\$4,743,000	Dec 2007
Compliance Plan Sampling	Competitive bid	\$1,900,000	Mar 2008



APR 07 2006

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

Dear Kelly Restoration Advisory Board Members

The following is an action items report for the 14 March 2006 Kelly Restoration Advisory Board (RAB) Technical Review Subcommittee (TRS) meeting.

1. *Mr. Garcia, Ms. LaGrange and Mr. Perez requested copies of the January 2006 RAB transcript.*

All ten RAB community members will be provided one copy of the January 2006, as well as all transcripts for future meetings. Additionally, copies of transcripts are provided for public review at both the Information Repository on the 2nd floor of the San Antonio Central Library, as well at the Community Cochair Library in the Environmental Health and Wellness Center (EHWC). Please let Kelly Public Affairs staff know if you do not wish to receive these transcripts in the future.

2. *Mr. Silvas asked for a briefing on court case number: 1982-CI-02128, State of Texas vs. Courtney Pennington. Ms. LaGrange also asked for the results of this court case.*

This court case is outside the scope of the Kelly Restoration Advisory Board. To find out more on this court case, please contact the Texas Attorney General's office.

U.S. Mail:

Office of the Attorney General
PO Box 12548
Austin, TX 78711-2548

Physical Address:

Office of the Attorney General
300 W. 15th Street
Austin, TX 78701

Phone: (512) 463-2100

Internet: <http://www.oag.state.tx.us/>

3. *Mr. Quintanilla requested training on parliamentary procedure as a TAPP presentation.*

Department of Defense funding for the Kelly Restoration Advisory Board comes from two distinct authorities contained within 10 U.S.C. Section 2705. The first, 10 U.S.C. Section 2705(e) concerns funding technical assistance, or Technical Assistance for Public Participation

(TAPP), needed by a RAB. The second, 10 U.S.C. Section 2705(g)(2) concerns funding administrative expenses for restoration advisory boards.

As discussed in the proposed preamble, 32 CFR Part 202, Section IV, C. 1. b., training for RAB members is considered an eligible administrative cost if it mutually benefits all members of a RAB and is relevant to the environmental restoration activities occurring at the installation. However, a type of training that would not qualify as a RAB administrative support includes specialized training for an individual member. Types of training not eligible for funding as a RAB administrative expense may, however, qualify and be eligible for funding as technical assistance.

As set forth in the final rule, 32 CFR Section 203.10(b)(5), training for RAB members is considered an eligible TAPP activity only where technical trainers on specific restoration issues are determined appropriate in circumstances where RAB/TRC members need supplemental information on installation restoration projects.

The references cited above are included in the RAB Reference Guide provided to all Kelly RAB community members and their alternates in 2005.

In lieu of using TAPP funds for parliamentarian procedure training, AFRPA staff is available to answer questions Kelly RAB members have regarding parliamentarian procedures.

4. Mr. Quintanilla would like the committee to write two new TAPP requests: 1) \$2,100 for training on Robert's Rules of Order and 2) \$25,000 general fund request.

As outlined in Question 3, training on Robert's Rules of Order is not an eligible TAPP activity. Eligible training using TAPP funds may include technical training that specifically relates to environmental issues. However, AFRPA staff is available to answer questions Kelly RAB members have regarding Robert's Rules of Order.

To request additional TAPP funds exceeding the \$100,000 funding limit, a waiver must be submitted on a TAPP Application (DD Form 2749). This application must identify a specific project and cost estimate. Services requested must meet TAPP guidelines for eligible activities in 32 CFR Section 203.10 and application guidelines in Section 203.9. The waiver process does not allow for an additional TAPP blanket purchase agreement, projects must be reviewed on a case by case basis.

5. Mr. Garcia requested training on Zones 1-5.

A presentation on Zones 2-5 Corrective Measures Studies is tentatively scheduled to be provided to the Kelly RAB at the 11 July 2006 RAB meeting. Zone 1 has been realigned to Lackland AFB. Please contact LAFB for detailed updates on Zone 1.

6. Mr. Silvas requested that TAPP Applications (DD Form 2749) be provided at the next meeting.

A copy of the TAPP application is enclosed with this Action Item Report.

7. Ms. LaGrange requested copies of all outreach materials the Public Center for Environmental Health (PCEH) produced for the liver study announcement such as ads placed in LaPrensa and the Southside Reporter, including mailers sent to the community.

To request copies of all outreach materials developed by PCEH for the liver study, please contact PCEH by phone at (210) 532-5765, or by mail at:

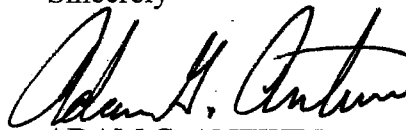
Public Center for Environmental Health
Attn: Ms. Kyle Cunningham
2513 Kennedy Circle, Building 180, Suite 105
Brooks City-Base, Texas, 78235

8. Mr. Garcia requested Adam Antwine write a blank check to TCEQ and PCEH for air studies.

In response to community health concerns relating to the environmental cleanup at the former Kelly AFB, the Air Force contributed \$5 million over 10 years to the San Antonio Metropolitan Health District to support the Public Center for Environmental Health. The Public Center for Environmental Health is responsible for developing and conducting health-related research studies using these funds.

Thank you for your continued interest in the Kelly Restoration Advisory Board.

Sincerely



ADAM G. ANTWINE
Senior Representative

Attachment:

TAPP Application, (DD Form 2749)

TECHNICAL ASSISTANCE FOR PUBLIC PARTICIPATION (TAPP) APPLICATION

OMB No. 0704-0392
OMB approval expires
Oct 31, 2006

The public reporting burden for this collection of information is estimated to average 4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services Directorate (0704-0392). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ORGANIZATION. RETURN COMPLETED FORM TO INSTALLATION LISTED IN SECTION I, BLOCK 1.

SECTION I - TAPP REQUEST SOURCE IDENTIFICATION DATA

1. INSTALLATION

2. SOURCE OF TAPP REQUEST (Name of Restoration Advisory Board (RAB) or Technical Review Committee (TRC))

3. CERTIFICATION OF MAJORITY REQUEST

4. DATE OF REQUEST
(YYYYMMDD)

5. RAB POINT OF CONTACT

a. NAME (Last, First, Middle Initial)

b. ADDRESS (Street, Apt. or Suite Number, City, State, ZIP Code)

c. TELEPHONE NUMBER (Include Area Code)

SECTION II - TAPP PROJECT DESCRIPTION

6. PROJECT TITLE

7. PROJECT TYPE (Data Interpretation, Training, etc.)

8. PROJECT PURPOSE AND DESCRIPTION (State anticipated goals of project and relate to increased understanding/participation in restoration process at the installation. Include descriptions, locations, and timetables of products or services requested.)

9. STATEMENT OF ELIGIBILITY (Refer to eligibility criteria in S203.10 and S203.11 of TAPP rule. Note other sources that were considered for this support and state reasons why these sources are inadequate.)

10. ADDITIONAL QUALIFICATIONS OR CRITERIA TO BE CONSIDERED (Additional qualifications (beyond those specified in S203.12) a provider should demonstrate to perform the project to the satisfaction of the RAB/TRC. Attach separate statement, if necessary.)

SECTION III - INSTALLATION COMMANDER/DESIGNATED DECISION AUTHORITY APPROVAL

<input type="checkbox"/> APPROVED	11. SIGNATURE	12. TITLE	13. DATE (YYYYMMDD)
<input type="checkbox"/> NOT APPROVED			

SECTION IV - PROPOSED PROVIDER DATA

14. PROPOSED PROVIDER

a. NAME	b. ADDRESS (Street, Apt. or Suite Number, City, State, ZIP Code)
c. TELEPHONE NUMBER (Include Area Code)	

15. PROVIDER QUALIFICATIONS (Attach separate statement, if necessary. A statement of qualifications from the proposed technical assistance provider will be acceptable.)

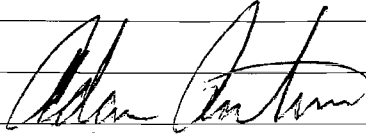
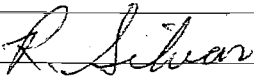
16. ALTERNATE PROPOSED PROVIDER (If known. Attach additional pages as required.)

a. NAME	b. ADDRESS (Street, Apt. or Suite Number, City, State, ZIP Code)
c. TELEPHONE NUMBER (Include Area Code)	

17. ALTERNATE PROVIDER QUALIFICATIONS (Attach separate statement, if necessary. A statement of qualifications from the proposed technical assistance provider will be acceptable.)

SECTION V - CONTRACTING OFFICE APPROVAL

APPROVED	18. SIGNATURE	19. TITLE	20. DATE (YYYYMMDD)
NOT APPROVED			

Report #	AFRPA DOCUMENTS LISTED BELOW WERE TAKEN TO THE KELLY RAB COMMUNITY COCHAIR LIBRARY	Date	Adm
MARCH 2006			
684B	Semiannual Compliance Plan Report for Jan 2006 (Jul - Dec 05) Parts 1 - 3 and Part 4 w/Maps	Dec 05	Yes
TCEQ Ltr	Class 2 Compliance Plan Modification, WWC11172466-2; RN02338480 / CN600919401	22 Dec 05	Yes
EPA Ltr	Review of Draft Final Closure Report for Secondary Containment Sump at Bldg 367	22 Dec 05	Yes
EPA Ltr	Review of Response to NOD Closure Facility 3060 Warehouse and Facility 3774 Auto Repair Shop	22 Dec 05	Yes
EPA Ltr	Review of Response to Final East Kelly Solid Waste Management Unit and Data Gap Investigation	22 Dec 05	Yes
TCEQ Ltr	Transmittal of Class 2 Compliance Plan Modification, WWC11172466-2; RN02338480 / CN600919401	4 Jan 06	Yes
TCEQ Ltr	Notice of Final Approval on the Hazardous Waste Compliance Plan No. 50310	4 Jan 06	Yes
EPA Ltr	Review of Risk Reduction Standard 2 Closure Report Facility 623 UGST and Facility 654 Hydrant System	9 Jan 06	Yes
EPA Ltr	Review of Investigation and Proposed Closure Report of Potential UGST at Bldgs 34, 52, 97, 506 etc.	9 Jan 06	Yes
AFRPA Ltr	Submittal of Affidavit of Publication for Notice of Receipt of Application and Intent to Obtain Class 3	18 Jan 06	Yes
AFRPA Ltr	Submittal of January 2006 Semiannual Compliance Plan Report	19 Jan 06	Yes
AFRPA Ltr	Submittal of 2005 Facility Annual Report	19 Jan 06	Yes
TCEQ Ltr	Review of Documentation for the Spill Incident of Oct.5, 2005 at East Kelly GWTP Bldg 3837	25 Jan 06	Yes
EPA Ltr	Review of January 2006 Semiannual Compliance Plan Report with Comments	13 Feb 06	Yes
TCEQ Ltr	Review of Draft Final Closure Report for Secondary Containment Sump at Building 367	13 Feb 06	
TCEQ Ltr	Review of Response to Comments on SWMU and Data Gap Additional Investigation	15 Feb 06	Yes
TCEQ Ltr	Review of Response to Notice of Deficiency on Closure of Facility 3060 and Facility 3774	15 Feb 06	Yes
AFRPA Ltr	Submittal of Response to Conditional Approval on CMI Construction Completion Report for Site S-4	24 Feb 06	Yes
Signature (Installation Cochair):		Date:	3/28/06
Signature (Community Cochair):		Date:	3/29/06

January 10, 2006
Kelly Restoration Advisory Board (RAB)
Kennedy High School Cafeteria
1922 S. General McMullen
San Antonio, Texas 78237

DRAFT Meeting Minutes

RAB Community Member Attendees:

Robert Silvas, Community Cochair
Esmeralda Galvan
Rodrigo Garcia
Coriene Hannapel
Henrietta LaGrange
Ruben Martinez
Nazirite Perez
Armando Quintanilla
Michael Sheneman

RAB Government Member Attendees:

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

Other Attendees:

David Smith, Facilitator
Guadalupe Alvarado
Robert Alvarado
Mike Carrillo
Sonja Coderre, Air Force Real Property Agency (AFRPA)
Todd Colburn, AFRPA Contractor
Antonio Diaz
Larisa Dawkins, AFRPA
Alan Ferrell, SAMHD
Ben Galvan (Alternate for Ms. Esmeralda Galvan)
Jill Johnson
Linda Kaufman, SAMHD
Patrick Lynch, Technical Assistance for Public Participation (TAPP) Contractor
Eduardo Martinez, AFRPA Contractor
Jerry Needham
Abigail Power, TCEQ (Alternate for Mark Weegar)
Genaro Rendon
Rosa Rosales
Claudia Sanchez
Lisa Sorg
Wilma Subra
Brad Watson
Joe Zupan

The meeting began at 6:32 p.m.

I. Introduction – Dr. David Smith

Dr. Smith began the meeting by welcoming RAB members and other attendees. Dr. Smith turned the meeting over to Community Cochair Mr. Robert Silvas. Mr. Silvas made several motions, which are identified below; all were approved.

Mr. Silvas motioned to remove the Pledge of Allegiance and Moment of Silence from the agenda. Mr. Sheneman seconded the motion. All were in favor, and none opposed.

Mr. Silvas motioned to accept the meeting packet as-is, and to not conduct the packet review. Mr. Quintanilla seconded the motion. All were in favor, and none opposed.

Mr. Silvas motioned to move the approval of the meeting minutes to the next meeting. Mr. Sheneman seconded the motion. All were in favor, and none opposed.

Mr. Silvas motioned to vote for the 2006 Community Cochair through acclamation instead of by ballot. Ms. Galvan seconded the motion. All were in favor, and none opposed.

Mr. Silvas motioned to move Ms. Wilma Subra's presentation on the Environmental Contamination Associated with the Former Kelly Air Force Base to be the first in the series of presentations. Ms. Galvan seconded the motion. All were in favor, and none opposed.

Mr. Silvas motioned to move Mr. Patrick Lynch's presentation on the TAPP Review of the *January 2005 Semiannual Compliance Plan* to be the second in the series of presentations. Mr. Garcia seconded the motion. All were in favor, and none opposed.

Mr. Silvas motioned to move Ms. Sonja Coderre's presentation on the Community Involvement Plan last in the series of presentations. Ms. Galvan seconded the motion. All were in favor, and none opposed.

A. The Pledge of Allegiance was removed from the agenda per Mr. Silvas' previous motion.

B. The Moment of Silence was removed from the agenda per Mr. Silvas' previous motion.

C. An agenda review was not conducted due to time constraints.

D. The meeting packet was accepted as-is per Mr. Silvas' previous motion.

E. During the opening community comment period, Ms. Rosa Rosales, National Vice President for the Southwest Region of the League of United Latin American Citizens (LULAC) addressed the RAB. She informed them they had her full support, and would discuss their situation at the LULAC National Convention being held 6 February 2006 in Mexico.

II. Administrative

A. The approval of meeting minutes was moved to the agenda for the next RAB meeting per Mr. Silvas's previous motion.

B. Ms. Sonja Coderre provided the AFRPA update in Ms. Norma Landez' absence, and addressed the following topics:

- No Base Closure Team (BCT) meeting was held this month
 - Final 13 December 2005 BCT Meeting Minutes provided in the meeting packets
- Industrial Wastewater Permit No. WQ0003955000
 - Public Notice published 9 December 2005 in the *San Antonio Express News*
 - Provided to RAB members in the 13 December 2005 TRS meeting packets
- Notice of Proposed Corrective Measures (Closure of 10 Sites)
 - Public Notice published 16 December 2005 in the *San Antonio Express News*
 - Provided to RAB members in the read-ahead packets for this meeting and again in this meeting's packets
- Class 3 Modification to Compliance Plan No. 50310 Public Meeting
 - Scheduled for 11 January 2006 from 6:00 to 7:30 p.m. at the GKDA Conference Room, 143 Billy Mitchell Blvd, Suite 6
 - Meeting Announcement published in the *San Antonio Express News* 3 January 2006; copy provided in the meeting packets
- Full page ads providing an environmental restoration update and encouraging community members to participate in the RAB
 - Spanish version published in *La Prensa* 21 December 2005
 - English version published in the *Southside Reporter* 22 December 2005
 - Copies of both ads provided in your meeting packets
- Building 326 USAF Radio Isotope Committee (RIC) Permit
 - Permit is still active
 - Second draft of final report is being reviewed and will be sent to EPA mid February 2006

Ms. Coderre also discussed recent documents to be placed in the Cochair Library at the Environmental Health and Wellness Center (EHWC) following the meeting. Those documents are as follows: 1) Class 3 Modification to Compliance Plan CP-50310 Former KAFB for Zone 4 and Zone 5, 2) Conditional Approval-Final Corrective Measures Implementation Construction Completion Report for S-4 Letter from TCEQ, 3) RRS2 Closure UST Removals, Building 347, SWMU 47 Letter from TCEQ, 4) Declaration of Administrative Completeness Class 3 Modification to Compliance Plan Letter from TCEQ, 5) Public Notice of Proposed Corrective Action for Resource Conservation and Recovery Act (RCRA) Regulated Unit Site SA-2 NOR Unit No. 1

Mr. Quintanilla asked if public transportation was available to access the Class 3 Modification Public Meeting. Mr. Gary Martin informed him that the VIA bus stopped at Tinker and Duncan.

Mr. Quintanilla then asked that public transportation information be provided for these types of meetings in the future.

III. Community Cochair Elections – Dr. David Smith

Dr. David Smith reiterated the election would be held through acclamation instead of voting by ballot. He asked if there were any nominations. Ms. Henrietta LaGrange nominated Mr. Robert Silvas. Mr. Rodrigo Garcia seconded the nomination. There were no other nominations.

Mr. Quintanilla called for the vote to re-elect Mr. Silvas to a second term as Community Cochair. All were in favor and Mr. Silvas was re-elected.

IV. Environmental Contamination Associated with the Former Kelly Air Force Base – Ms. Wilma Subra

Following an overview of her previous experience, Ms. Subra presented her review of the *January 2005 Semiannual Compliance Plan* report. Her findings were documented in the report entitled *Environmental Contamination Associated with the Former Kelly Air Force Base*. In her presentation, she identified three issues; the cleanup must be done right the first time, Leon Creek contamination and offsite shallow groundwater contamination.

Mr. Quintanilla recommended Ms. Subra be asked to provide this briefing at future orientation training. He added that new members need explanations of what things such as Class 2 and 3 Modifications and Risk Reduction Standards (RRS) are.

V. TAPP Review of the January 2005 Semiannual Compliance Plan – Mr. Patrick Lynch

Mr. Lynch gave his final oral presentation on the review of the *January 2005 Semiannual Compliance Plan*, conducted in accordance with TAPP. The goal of the review is to provide an overall assessment, focus on off-base impacts, identify locations that need monitoring wells, identify any trends in contamination and respond to TRS comments. The draft report was included in the meeting packets. Upon conclusion of the presentation, Dr. Smith reminded RAB members to fill out the TAPP surveys and submit them by the end of the meeting.

Mr. Rodrigo Garcia stated that AFRPA needs to hire a contractor that will do a better, more professional job of writing reports.

VI. Community Involvement Plan Briefing – Ms. Sonja Coderre

Ms. Coderre began by asking everyone to turn in their Consent Authorization forms. Mr. Silvas wanted contact information posted on the Web site. Ms. Coderre stated that she would need written authorization from each RAB member in order to do so, and asked that RAB members state so on their Consent Authorization forms.

Ms. Coderre then presented information on the Community Involvement Plan at Kelly. She discussed legal requirements, organization of the plan, past outreach efforts, information gathering processes, community concerns/issues and current/future involvement opportunities.

Mr. Quintanilla asked that on the next Community Involvement Plan update, AFRPA include information on Environmental Justice. Ms. Hannapel asked for a report on responses AFRPA has

received back from community feedback forms. Additionally, a copy of the transcript from the 13 December 2005 TRS meeting was requested from Ms. Hannapel, Ms. Galvan, Mr. Perez, Mr. Garcia, Mr. Martinez, and Ms. LaGrange.

Mr. Quintanilla then stated the Information Repository needs to be relocated near Kelly because the current location was too far from Kelly. Finally, Ms. Galvan asked for a review of the health studies conducted by PCEH.

VI. Meeting Wrap-Up

The next TRS meeting will take place 14 March 2006 at 6:30 p.m. at the Environmental Health and Wellness Center, 911 Castroville Road.

The next RAB meeting will take place at 6:30 p.m., 11 April 2006 in the cafeteria of Kennedy High School, 1922 South General McMullen.

VII. Meeting Adjournment

The meeting adjourned at 9:48 p.m.

Robert Silvas Date
Community Cochair

Adam Antwine Date
Installation Cochair

March 14, 2006
Technical Review Subcommittee (TRS) Meeting
of the Kelly Restoration Advisory Board (RAB)
Environmental Health & Wellness Center
911 Castroville Road
San Antonio, Texas 78237

DRAFT Meeting Minutes

RAB Community Member Attendees:

Robert Silvas, Community Cochair
Rodrigo Garcia
Armando Quintanilla
Henrietta LaGrange
Nazirite Perez

RAB Government Member Attendees:

Kyle Cunningham, San Antonio Metropolitan Health District (SAMHD)
Mark Weegar, Texas Commission on Environmental Quality (TCEQ)

Other Attendees:

David Smith, Facilitator
Sonja Coderre, Air Force Real Property Agency (AFRPA)
Norma Landez, AFRPA
Don Buelter, AFRPA
Rey Nieto, AFRPA
Linda Kaufman, Public Center for Environmental Health (PCEH)
Amy Carvajal
Melanie Rodriguez (PCEH)
Martha Williams
David Plylar, City of San Antonio, District 5 Office
Abigail Power, TCEQ
Eduardo Martínez, AFRPA Contractor
Heather Ramon-Ayala, AFRPA Contractor

The meeting began at 6:31 p.m.

I. Introduction – Dr. David Smith

Dr. Smith began the meeting by welcoming RAB members and other attendees. Dr. Smith then reviewed the agenda items for the evening.

II. RAB Meeting Packet Review – Eduardo Martinez

Mr. Martinez began reviewing the RAB meeting packets, which included:

- Final BRAC Cleanup Team (BCT) minutes – February 2006
- Documents to the TRS/RAB for the March TRS

- Documents to the TRS/RAB from the January RAB meeting signed acknowledgement of receipt of documents by both Cochairs
- AFRPA response letter to requests for information from RAB members
- January Action Item Report with attachments
- Presentation: TAPP Process
- Presentation: PCEH – Liver Study Announcement
- Presentation: January 2006 Semiannual Compliance Plan Summary
- AFRPA Response to Comments from Clearwater Revival Company Review of the Semiannual Compliance Plan Report – January 2006
- Media clippings regarding the former Kelly AFB

Mr. Rodrigo Garcia asked if there were any updates on the Leon Creek Fish Kill. There were no updates available, and information will be provided to the RAB when it is available.

Mr. Garcia, Ms. LaGrange and Mr. Perez requested copies of the January 2006 RAB transcript.

Mr. Silvas asked for a briefing on court case number: 1982CI02128 – State of Texas vs. Courtney Pennington, and Ms. LaGrange also asked for the results of the court case.

III. Administrative

A. Ms. Sonja Coderre provided an AFRPA update. No new issues have developed since the last meeting.

B. Ms. Norma Landez provided a BRAC Cleanup Team (BCT) Update. The final minutes from the February 2006 BCT meeting were included in meeting packets. No March BCT meeting was held.

IV. TAPP Answers and Questions– Mr. Rey Nieto

Mr. Nieto briefed the audience on Technical Assistance for Public Participation (TAPP) funds, and outlined various projects that qualify, and do not qualify for TAPP funds. Handouts on the TAPP process, eligible and ineligible TAPP projects, nominating a potential provider, and a current balance of Kelly TAPP funds were also included in meeting packets.

Mr. Quintanilla requested training on parliamentary procedure as a TAPP presentation. Mr. Quintanilla also referred to section 10.9.3.3. in the *Management Guidance for the Defense Environmental Restoration Program (DERP)*, which outlined the waiver process for the \$100,000 total and \$25,000 annual TAPP funding limits. Mr. Quintanilla would like the committee to write two new TAPP requests: 1) \$2,100 for training on Robert's Rules of Order and 2) \$25,000 general fund request.

Mr. Garcia requested training on Zones 1-5 as a future TAPP project.

Mr. Silvas asked DD2749 forms be provided at the next meeting.

V. PCEH Liver Studies – Ms. Kyle Cunningham/Melanie Rodriguez

PCEH explained that past studies have shown higher than expected numbers of liver cancer cases in some ZIP codes surrounding the former base. Funding for a new study has been approved by AFRPA. Residents in the study area who have been diagnosed with primary liver cancer or those who have had a family member diagnosed with primary liver cancer are encouraged to participate in the study by calling HealthCare Resolution Services, Inc. at (210) 341-8200. The study area includes the following San Antonio ZIP codes: 78201, 78204, 78205, 78207, 78211, 78214, 78221, 78224, 78225, 78226, 78227, 78228, 78237 and 78242.

Ms. LaGrange requested copies of all outreach materials PCEH produced for the liver study announcement such as ads placed in LaPrensa and the Southside Reporter, including mailers sent to the community.

Mr. Garcia requested that Mr. Adam Antwine write a blank check to TCEQ and PCEH for air studies.

VI. January 2006 Semiannual Compliance Plan Summary – Mr. Don Buelter

Mr. Buelter provided a detailed summary on the information contained within the January 2006 Semiannual Compliance Plan Report. The full presentation was provided to all RAB members in meeting packets. Additionally, a copy of AFRPA's response to Clearwater Revival Company's review of the January 2005 Semiannual Compliance Plan Report was included in meeting packets.

Ms. Cunningham stated that funds from the City of San Antonio may be available for an additional review of reports such as the semiannual compliance plan report through Zephyr. Ms. Cunningham may be reached at (210) 532-5765.

VII. Meeting Wrap-Up

The next RAB meeting is scheduled to take place at 6:30 p.m., 11 April 2006 in the cafeteria of Kennedy High School, 1922 South General McMullen.

VIII. Meeting Adjournment

The meeting adjourned at 9:08 p.m.

Robert Silvas _____
Community Cochair Date

Adam Antwine _____
Installation Cochair Date

Sub Slab Soil Vapor Monitoring

Performed by Zephyr Environmental Corporation

October 27 & 28 2004

Background

- Kelly AFB has been an operating industrial site since the early part of the century.
- Releases of degreasers, petroleum products, and other substances to soil have resulted in chemicals in groundwater. These Chemicals of Concern (COCs), primarily solvents, have migrated off site and include:

COC	South Plume	North Plume	S.A. River Bank Seeps
1,1,2,2-Tetrachloroethane	x		
cis-1,2-Dichloroethane (1,2-DCE)	x		x
Hexachloroethane	x		
Manganese	x	x	
Nickel	x	x	
Tetrachloroethene (PCE)	x	x	x
Trichloroethene (TCE)	x	x	x
Vinyl Chloride (VC)	x		

2

Potential Vapor Pathways

- VOCs in soil and groundwater tend to volatilize, fill void spaces of the soil, and migrate toward areas of lower concentration or pressure.
- VOCs can concentrate under solid structures such as slabs.
- Vapor-phase intrusion can occur via:
 - Cracks in concrete foundations at intersections of footings, walls, and slabs.
 - Space around incoming utilities.
 - Settling or shrinking cracks in slabs.

3

Potential Vapor Pathways

Figure 2. Vapor Pathways into Buildings

4

Potential Vapor Pathways

Figure 9. Floor Slab and Foundation

5

Sampling

- Sub-slab soil gas sampling - collection of vapors within the soil and/or fill material beneath slab.
- Pull soil vapor out of ground by vacuum
- Collect in container for laboratory analysis (EPA Method TO-15 for VOCs - Summa Canister).
- Results used as input parameters to Johnson & Ettinger model to predict indoor air concentrations.

6

Sampling

Zephyr conducted sub-slab soil vapor monitoring at four locations on or around former Kelly Air Force Base
(report found at <http://www.sanantonio.gov/health/PCEH/PDFfiles/PCEHsubslab.pdf>)

Followed Zephyr's January 2003 *Soil Vapor Monitoring and Evaluation Work Plan* – incorporated USEPA guidance

– EPA's *Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils*

7

Sampling Locations

- > Locations made available by the USAF
- > Large slabs with large accumulation areas
- > Slabs intact and existing for a number of years

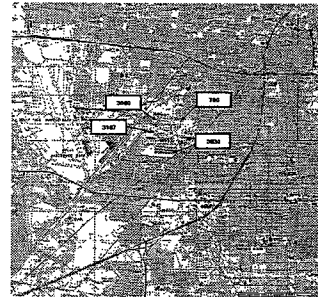
8

Sampling Locations

- > East Kelly Building 3870 – Intersection of N. Tayman and Frederick Streets (approximately 70 feet long by 45 feet wide)
- > East Kelly Building 3060 – Intersection of N. Tayman and Fickel Streets (approximately 500 feet long by 245 feet wide)
- > East Kelly Building 3830 – Carswell Street (approximately 390 feet long by 185 feet wide)
- > 700 Culberson Street at Normoyle Park Community Center (approximately 120 feet long by 40 feet wide)

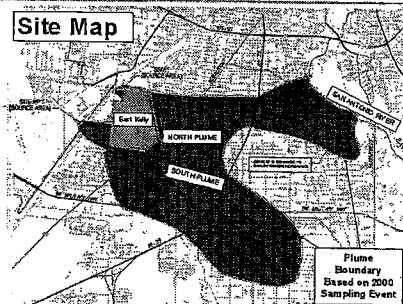
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Sampling Locations



10

Approximate Boundary of Contaminant Plume



11

Sampling Procedures

- > Over-drill (3/4-inch)
- > Drill (1/2-inch)
- > Insert probe – connected to flow regulator and SUMMA canister
- > Apply "QUIKRETE Concrete Patcher"
- > Open valve
- > Record canister pressure
- > Allow canister to achieve (+) 2 psi to (-) 2 psi
- > Record canister pressure
- > Close sample valve
- > Remove sample train
- > Seal canister with brass cap
- > Complete label and COC
- > Patch hole in slab
- > Decontaminate drill bits
- > Site clean-up and de-mobilize



12

Summary of Results

- Laboratory analysis revealed very low or non-detectable concentrations of COCs (including benzene and various chlorinated solvents).
- Vinyl chloride not detected – very low detection limits (1ppb or 2.6ug/m3)
- Vinyl chloride is often a daughter product resultant from decomposition of chlorinated solvents.

13

Results Summary

- Benzene detected in very low levels in each sample (generally below 10 ppbv).
- Measured concentration of benzene used to calculate the carcinogenic risk at each sampling location.
- Each sample yielded excess lifetime cancer risk much lower than the EPA threshold of "one in a million".
- Calculated risk levels were 1000 times lower than EPA threshold.

14

Conclusions

- The absence of detectable concentrations of vinyl chloride suggests that no appreciable anaerobic decomposition of chlorinated solvents is currently occurring in the sampled locations.
- These results suggest that this potentially problematic pathway is not complete.

15

Conclusions

- Based on the analytical results for each sampling location, and the risk modeling performed, there does not appear to be an unacceptable human health risk (as defined by EPA) from the volatilization of subsurface contaminants in proximity to the sampled locations.

16

Air Force Real Property Agency

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CERCLA Five-Year Review Summary Report for 22 Sites at the Former Kelly Air Force Base



**RAB Meeting
April 11, 2006**



FIVE YEAR REVIEW

- **Objective**
- **Regulatory Basis**
- **Sites Reviewed**
- **Community Involvement and Notification**
- **Review Process**
- **Protectiveness Determination**
- **Protectiveness Statement**
- **Next 5 Year Review**

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OBJECTIVE

- Comply with EPA guidance for conducting five-year reviews under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
- Determine if corrective actions and remedies for 22 sites continue to provide adequate protection of human health and the environment

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REGULATORY BASIS

- AFRPA chose to implement cleanup at former Kelly AFB using both RCRA and CERCLA guidance including five year reviews
- TCEQ and EPA Region 6 do not require AFRPA to conduct five year reviews
- In a January 2002 Memo, AFRPA notified the TCEQ and EPA Region 6 of its intent to conduct CERCLA five year reviews for its long term remedial sites
- Report addresses the CERCLA requirements for five year reviews consistent with CERCLA §121 and the National Contingency Plan (NCP)

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REGULATORY BASIS

■ CERCLA §121 states:

If the President selects a remedial action that results in any hazardous substances, pollutants, or contaminants remaining at the site, the President shall review such remedial action no less often than each five years after the initiation of such remedial action to assure that human health and the environment are protected by the remedial action being implemented.

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REGULATORY BASIS

■ The NCP, in 40 CFR §300.430(f)(4)(ii) states:

If a remedial action is selected that results in hazardous substances, pollutants, or contaminants remaining at the site above levels that allow for unlimited use and unrestricted exposure, the lead agency shall review such action no less often than every five years after the initiation of the selected remedial action.

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REGULATORY BASIS

- **Corrective actions and remedies have been conducted in accordance with the RCRA Permit and Compliance Plan issued by the TCEQ**
- **Review addresses**
 - **Community involvement and notification**
 - **Document and data review and analysis**
 - **Interviews**
 - **Site inspections**
 - **Protectiveness determination for each site**

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REGULATORY BASIS

- **Review tailored to complement and make use of reporting requirements associated with corrective actions taken under the RCRA Permit and Compliance Plan and reported in the Semi-Annual Compliance Plan Report**
- **Sites excluded from future reviews when remediated to contaminant levels allowing for unlimited use and unrestricted exposure (e.g., when cleanup goals are met and land use controls are not required to protect human health and the environment)**

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SITES REVIEWED

- Kelly originally identified 52 Installation Restoration Program (IRP) sites
 - In 2001, 17 IRP sites realigned to Lackland AFB
 - AFRPA responsible for the remaining 35 IRP sites
- Of the remaining 35 IRP sites, 22 were included in the review
 - 7 sites clean closed
 - 5 sites pending closure under Risk Reduction Standards
 - Site SS051 (Zone 4 Soils) evaluated as part of Site SS052 (Zone 4 Groundwater)

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SITES REVIEWED

Category of Sites	Site Names
Clean closed (7 sites)	SS044 (Site S-2), ST007 (Site S-5), ST008 (Site S-6), SS025 (Site IS-1), ST046 (UST 182), ST047 (B386 UST), ST048 (B308 UST)
Sites under investigation/ pending closure under risk reduction standards (5 sites)	ST010 (Site S-9), LF019 (Site D-10), SS042 (Site CS-2), SS044 (Site IWCS), ST049 (B38 UST)
Final remedial system in place (4 sites)	FT024, ST006, ST038, WP022
Interim remedial system in place (7 sites)	SS003, SS036, SS037, SS040, SS050, SS052, WP021
Closure to industrial risk reduction standards (11 sites)	SS002, SS005, SS009, SS028, SS030, SS031, SS032, SS039, SS045, WP033, WP034

AF of 05/08/04

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COMMUNITY INVOLVEMENT AND NOTIFICATION

- RAB will be notified and provided with a copy when the review has been completed
 - Review completed March 8, 2006
 - Review sent to RAB members March 29, 2006 in read ahead packets for the April 2006 RAB
 - Briefing to RAB at April 11, 2006 RAB meeting
- Review placed in the San Antonio Central Library
- Notice will be published on April 25, 2006 inviting public comment on the review

*—Express—
News*

AP-3 060506

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REVIEW PROCESS

- Document and data review and analysis included
 - Remedial system evaluation reports
 - Soil Venting Systems
 - Groundwater Systems
 - Basewide Remedial Assessment Groundwater Recovery System Model Simulations
 - Semi Annual Compliance Plan reports

AP-3 100506

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12



REVIEW PROCESS

- Interview conducted according to EPA guidance
 - What effects have the site operations had on the surrounding community?
 - Are you aware of any community concerns regarding the sites or their operation and administration?
 - Have there been any complaints, violations or other incidents related to the sites requiring a response by your office?
 - Are you aware of any events, incidents, or activities at the site, such as vandalism, trespassing, or emergency responses from local authorities?

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13



REVIEW PROCESS

- Interview conducted according to EPA guidance
 - Do you feel well informed about the site's activities and progress?
 - Do you have any comments, suggestions, or recommendations regarding the site's management or operation?
 - Are the remedies functioning as expected? If not, what action will be taken?
 - Have there been any significant changes in the O&M requirements, maintenance schedules, or sampling routines since start-up or in the last five years? If so, do they affect the protectiveness of the remedy?

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14



REVIEW PROCESS

- **Interview conducted according to EPA guidance**
 - **Have there been opportunities to optimize O & M or sampling efforts? If so, what have been the results?**
- **Site Inspections**
 - **Conducted routinely as part of ongoing environmental restoration program**
 - **Visual site inspections emphasized protectiveness determination**

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REVIEW PROCESS

- **Protectiveness determination conducted based on remedial status of each site**
 - **Final Remedial Systems Installed/In Place**
 - **Interim Remedial Systems Installed/In Place**
 - **Industrial Risk-Based Site Closures in compliance with TCEQ's RRS2-Industrial Standard**

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REVIEW PROCESS

- EPA guidance recommends answering three questions when assessing protectiveness of a remedy:
 1. Is the remedy functioning as intended by the decision document?
 2. Are the exposure assumptions, toxicity data, and remedial action objectives (RAOs) that were used at the time of remedy selection still valid?
 3. Has any other information come to light that could call into question the protectiveness of the remedy?

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PROTECTIVENESS DETERMINATION Final Remedies Installed/In Place

IRP Site	Type of Site	Remedy	Quest #1	Quest #2	Quest #3	Remedy Protective ?
FT024	Fire Training Area FC-2	RRS 2-Industrial	Y	N	N	Yes
WP022	Evaporation Pit E-3	Biovent, SVE	Y	N	N	Yes
ST038	Spill Area S-8	Biovent, SVE, P&T	Y	N	N	Yes
ST006	Fuel Spill Area S-4	GW P&T	Y	N	N	Yes

As of 02/06/03

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PROTECTIVENESS STATEMENT

- Remedies selected for the four sites functioning as intended
- Additional remedies being evaluated for persistent contaminants at Sites WP022 and ST038
- No information indicates inadequate protection of human or ecological populations
- Exposure pathways and land use remain unchanged or do not impact protectiveness of remedies selected
- Changes in toxicity values and media-specific concentrations for evaluated contaminants do not impact protectiveness

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PROTECTIVENESS DETERMINATION Interim Remedies Installed/In Place

IRP Site	Type of Site	Remedy	Question #1	Quest #2	Quest #3	Remedy Protective ?
WP021	Evaporation Pit E-1	P&T	Modification in 2003; Continue to evaluate performance	N	N	Yes
SS036	Groundwater Zone 2	PRB, Slurry Wall, P&T	Y	N	N	Yes
SS037	Groundwater Zone 3	Slurry Wall, PRB	Modification in 2003; Continue to evaluate performance	N	N	Yes
SS040	Plating Shop, MP/OT-2	Slurry Wall, P&T	Y	N	N	Yes

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PROTECTIVENESS DETERMINATION Interim Remedies Installed/In Place

IRP Site	Type of Site	Remedy	Question #1	Quest #2	Quest #3	Remedy Protective ?
SS050	Groundwater Zone 5	Enhanced Bio, PRB	Y	N	N	Yes
SS051/ SS052	Industrial Waste Collection System/ Groundwater Zone 4	Enhanced Bio, PRB, P&T	Y	N	N	Yes
SS003	Storage Area S-1	SVE, P&T	Y N	N	N	Yes

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21



PROTECTIVENESS STATEMENT

- Remedies selected for Sites SS036, SS040, SS050, and SS052 functioning as intended
- More data needs to be collected for Sites WP021 and SS037 given recent installation or replacement of remedial components
- Technical issues related to the Site SS003 P&T system being addressed and additional remedial strategies being evaluated to address persistent contaminants
- No information indicates inadequate protection of human or ecological populations
- Exposure pathways and land use remain unchanged or do not impact protectiveness of remedies selected
- Changes in toxicity values and media-specific concentrations for evaluated contaminants do not impact protectiveness

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PROTECTIVENESS DETERMINATION RRS 2 Industrial Risk-based Closures

IRP Site	Type of Site	Remedy	Question #1	Quest #2	Quest #3	Remedy Protective ?
SS002	Former IWTP	RRS 2-Ind	Y	Y	N	Yes
SS005	Storage Area S-3	RRS 2-Ind	Y	N	N	Yes
SS009	Storage Area S-7	RRS 2-Ind	Y	Y	N	Yes
SS028	Hazwaste Storage S4-A	RRS 2-Ind	Y	N	N	Yes
SS030	IWTP Waste Lagoon SA-2	RRS 2-Ind	Y	Y	N	Yes
SS031	Spreading Area SA-3	RRS 2-Ind	Y	Y	N	Yes

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23



PROTECTIVENESS DETERMINATION RRS 2 Industrial Risk-based Closures

IRP Site	Type of Site	Remedy	Question #1	Quest #2	Quest #3	Remedy Protective ?
SS032	Spreading Area SA-4	RRS 2-Ind	Y	N	N	Yes
WP033	Drying Beds SD-1	RRS 2-Ind	Y	Y	N	Yes
WP034	Drying Beds SD-2	RRS 2-Ind	Y	N	N	Yes
SS039	Liq. Waste Incinerator OT-1	RRS 2-Ind	Y	N	N	Yes
SS045	Spill Site S-10	RRS 2-Ind	Y	N	N	Yes

As of 05/05/12

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24



PROTECTIVENESS STATEMENT

- Remedies selected for the 11 sites functioning as intended
- No information indicates inadequate protection of human or ecological populations
- Recent ecological risk assessments associated with the sites show protectiveness of ecological receptors
- Exposure pathways and land use remain unchanged or do not impact protectiveness of remedies selected
- For Sites SS002, SS028, SS031, SS032, and WP034, toxicity values and media-specific concentrations remain unchanged
- Changes in toxicity values and media-specific concentrations for evaluated contaminants at Sites SS005, SS009, SS030, SS039, SS045, and WP033 do not impact protectiveness

As of 09/30/05

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NEXT FIVE YEAR REVIEW

- Next five year review of remedial actions due 5 years from date of acceptance of this report
- **MARCH 8, 2011**

As of 09/30/05

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CERCLA Five-Year Review Summary Report for 22 Sites at the Former Kelly Air Force Base



Air Force Real Property Agency
Former Kelly Air Force Base
San Antonio, TX

June 2005

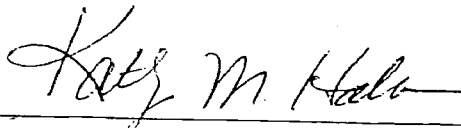
**CERCLA Five-Year Review Summary Report
for 22 Sites at the Former Kelly Air Force Base**

June 2005

**CERCLA Five-Year Review Summary Report
for 22 Sites at the Former Kelly Air Force Base**

June 2005

Approved by:



Kathryn M. Halvorson
Director, Air Force Real Property Agency, Arlington, Va.

Table of Contents

Objective 1

Regulatory Basis..... 1

Selection and Status of Sites Reviewed..... 2

Community Involvement and Notification..... 3

Document and Data Review and Analysis 3

Interviews..... 3

Site Inspections..... 3

Protectiveness Determination for Each Site 3

I. Sites with Final Remedial Systems Installed/In Place 4

 Recommendations and Follow-On Actions 5

 Protectiveness Statements 5

II. Sites with Interim Remedial Systems Installed/In Place 6

 Recommendations and Follow-On Actions 7

 Protectiveness Statements 8

III. Industrial-Risk Based Closure Sites Under TCEQ's Risk Reduction

Standard No. 2 8

 Post-Closure Deed Record Requirements 8

 Recommendations and Follow-On Actions 10

 Protectiveness Statements 10

Next Review Date 10

Attachment 1 – Memorandum – Kelly Position on Five-Year Reviews

Appendices

- Appendix A Land-Use Controls and Institutional Controls
- Appendix B Evaluation of Toxicity Data and Exposure Assumptions for Site Contaminants of Concern
- Appendix C Interview
- Appendix D Site Inspection Checklist

List of Tables

Table 1 Sites Evaluated in the Five-Year Review	2
Table 2 Sites with Final Remedial Systems Installed/In Place.....	4
Table 3 Sites with Interim Remedies Installed/In Place.....	6
Table 4 TCEQ RRS2-Industrial Risk-Based Closures	9
Table A-1 LUC/ICs	Appendix A. 3
Table B-1 Sites Evaluated in the Five-Year Review	Appendix B. 2
Table B-2 Revised and New Toxicity Values and Medium-Specific Concentrations.....	Appendix B. 24

Objective

In compliance with EPA guidance for conducting five-year reviews under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), the primary objective of this five-year review was to determine whether the corrective actions and remedies for 22 qualifying sites at the former Kelly Air Force Base continue to provide adequate protection of human health and the environment. This review was prepared according to the Comprehensive Five-Year Review Guidance, Office of Emergency and Remedial Response, U.S. Environmental Protection Agency (EPA) (June 2001) and the CERCLA five-year review guide of the Office of Environmental Management, Department of Energy, March 2002.

Regulatory Basis

In its 2002 Information Memorandum to the appropriate regulatory agencies (see attached), the Air Force declared its intent to conduct CERCLA five-year reviews at Kelly for both interim and final remedial actions. This five-year review report addresses the CERCLA requirements for five-year reviews consistent with CERCLA §121 and the National Contingency Plan [NCP], as described below:

CERCLA §121 states:

If the President selects a remedial action that results in any hazardous substances, pollutants, or contaminants remaining at the site, the President shall review such remedial action no less often than each five years after the initiation of such remedial action to assure that human health and the environment are protected by the remedial action being implemented. In addition, if upon such review it is the judgment of the President that action is appropriate at such site in accordance with section [104] or [106], the President shall take or require such action. The President shall report to the Congress a list of facilities for which such a review is required, the results of all such reviews, and any actions taken as a result of such reviews.

The NCP, in 40 CFR §300.430(f)(4)(ii) states:

If a remedial action is selected that results in hazardous substances, pollutants, or contaminants remaining at the site above levels that allow for unlimited use and unrestricted exposure, the lead agency shall review such action no less often than every five years after the initiation of the selected remedial action.

Sites will be excluded from future reviews once they have been remediated to contaminant levels that allow for unlimited use and unrestricted exposure (e.g., when cleanup goals have been attained and land-use controls [LUCs] are not required to protect human health and the environment).

The trigger date for this review is August 1998, which is the earliest date of a Closure Plan for any of the 22 sites reviewed here. Two of the sites reviewed here—Groundwater Zones 2 and 3 (Sites SS036 and SS037)—have record of decision documents dated in 1996.

This five-year review was specifically tailored to complement and make use of RCRA reporting requirements associated with the corrective actions taken under RCRA and with the RCRA Semi-Annual Compliance Plan Report. Many site-specific corrective actions and

remedies at Kelly have been completed under the RCRA paradigm (see CP-50310 and associated RCRA hazardous waste Permit No. HW-50310 issued by Texas Commission on Environmental Quality [TCEQ]). The Air Force has used the information and results from RCRA Compliance Plan Reports to streamline the five-year review and report to address the elements identified in EPA's five-year review guidance in the most efficient manner. This approach provides cost savings and expedites the completion of five-year reviews and preparation of five-year review reports.

This five-year review report is being submitted as an attachment to the RCRA Semi-Annual Compliance Plan Report. This later report contains the historical information, site data, and monitoring results supporting the conclusions of the five-year review. Although included as part of a RCRA-required document, this five-year review addresses the specific components of a CERCLA five-year review, including community involvement and notification, document and data review and analysis, interviews, site inspections, and a protectiveness determination for each site.

Selection and Status of Sites Reviewed

Kelly originally identified 52 Installation Restoration Program (IRP) sites. Of these, 17 were realigned to Lackland Air Force Base when Kelly closed in 2001. The former Kelly AFB now has 35 IRP sites: 22 sites are included in this five-year review cycle. For the purposes of this five-year review, Site SS051 is being evaluated as part of the larger Site SS052 Zone Four Groundwater site. The contaminants from SS051 are being treated by the remedial system at SS052. The remaining 12 IRP sites were either clean-closed or are still under investigation. As sites under investigation qualify for inclusion in the five-year review process, they will be added to future review cycles.

The 22 sites included in this five-year review fall into three categories and are shown in Table 1:

Table 1: Sites Evaluated in the Five-Year Review

Category of Sites	Site Names
Final remedial system in place (four sites)	FT024, ST006, ST038, WP022
Interim remedial system in place (seven sites)	SS003, SS036, SS037, SS040, SS050, SS052, WP021
Closure to industrial risk-reduction standards (eleven sites)	SS002, SS005, SS009, SS028, SS030, SS031, SS032, SS039, SS045, WP033, WP034

Community Involvement and Notification

The Kelly Restoration Advisory Board (RAB) is the mechanism for initiating and maintaining community involvement with the five-year review. The RAB will be notified and provided with a copy when the five-year review has been completed. In addition, the completed review will be made available to the general public at the San Antonio Central Library together with a published notice inviting comments and questions.

Document and Data Review and Analysis

The technical assessments (document and data review and analysis) of remedial systems are provided by the following reports:

- Soil-Venting Systems, 2002 Remedial System Evaluation, May 2003
- Groundwater Systems, 2002 Remedial System Evaluation, March 2003
- 2002 Basewide Remedial Assessment Groundwater Recovery System Model Simulations, October 2003
- Introductory Summary Performance and Protectiveness Review (PPR) Scoping Visit, Former Kelly Air Force Base, Texas, March 2003

These documents—together with the Semi-Annual Compliance Plan Report to which this review is attached—also contain detailed information regarding site history and remedy selection. Systems operations are addressed on an ongoing basis in the semi-annual compliance plan reporting. Remedial systems for each site are identified in this review, together with any appropriate recommendations for improving system operations.

Interviews

Interviews were conducted for sites included in this five-year review. Transcripts of the interviews, which followed EPA's five-year review guidance format, are provided in Appendix C.

Site Inspections

Site inspections conducted by Air Force personnel or Air Force contractors occur routinely every year as part of the ongoing environmental restoration program. For the purpose of this five-year review, visual site inspections were conducted with emphasis on protectiveness determination. Inspection results are provided in Appendix D.

Protectiveness Determination for Each Site

The protectiveness determination was conducted for the three categories of sites with respect to remedial status:

- Final Remedial Systems Installed/In Place
- Interim Remedial Systems Installed/In Place
- Industrial Risk-Based Site Closures in compliance with TCEQ's RRS2-Industrial Standard

EPA's guidance on assessing protectiveness is extensive and was consulted during this review and report preparation. EPA recommends answering the following three questions when assessing the protectiveness of a remedy:

- Is the remedy functioning as intended by the decision document?
- Are the exposure assumptions, toxicity data, and remedial action objectives (RAOs) that were used at the time of remedy selection still valid?
- Has any other information come to light that could call into question the protectiveness of the remedy?

The tables and text in the following sections provide answers to these protectiveness-related questions on a site-specific basis for the sites reviewed, site-specific information relevant to these questions, recommendations and follow-on actions, and protectiveness statements for each of the three categories of sites. Appendix A provides LUC/institutional control (IC) information associated with these sites.

I. Sites with Final Remedial Systems Installed/In Place

Four final site-specific remedies are in operation at Kelly (see Table 2). The remedy selected for Site FT024 is bioventing. Two units within the Kelly Part B permit (Sites WP022 and ST038) use a combination of bioventing and soil vapor extraction (SVE) for soil. Site ST038 also has a pump-and-treat (P&T) system in place for groundwater. The remedy selected for Site ST006 consists of groundwater P&T systems.

Table 2: Sites with Final Remedial Systems Installed/In Place

Site	Remedy	Is remedy functioning as intended?	Are exposure assumptions, toxicity data, and RAOs used at remedy selection still valid?*	Has any other information come to light that could call into question the protectiveness of the remedy?
FT024	Biovent	Yes	No	No
WP022	Biovent SVE	Yes	No	No
ST038	Biovent SVE P&T	Yes	No	No
ST006	P&T	Yes	No	No

* See Appendix B for a list of evaluated contaminants and corresponding toxicity values and medium-specific concentrations that have changed since the date of remedy selection/installation.

- Toxicity values and medium-specific concentrations have changed for several evaluated contaminants at each site, as described in Appendix B. These changes have no impact on protectiveness for one or more of the following reasons:
 - The changes resulted in a less restrictive (higher) concentration standard.
 - The changes had no impact on the applied standard.
 - The chemical was not detected at this site above the revised standard.
 - There is no completed exposure pathway at the site, and the revised standards will be used to monitor remedial progress.

- The Closure Report for Site FT024 was submitted to TCEQ for closure in compliance with TCEQ's RRS2-Industrial Standard. The Air Force received comments from TCEQ, has addressed the comments, and submitted the final document.
- Ecological risk at Site FT024 was evaluated as part of the base-wide ecological risk assessment. The ecological risk assessment indicated that the current remedies are protective.
- Contaminant mass for many compounds has been removed or destroyed at Site WP022; however, Bis(2-ethylhexyl)phthalate (BEHP) concentrations have not decreased from previous levels.
- At Site ST038, data collected indicates that bioventing produced high rates of remediation in 2002. However, polyaromatic hydrocarbon (PAH) compounds are still found in concentrations exceeding RRS2-Industrial criteria.
- Site ST006 includes a P&T remedy. The off-base portion of a groundwater contaminant plume has been remediated to a significantly lower contaminant concentration, and the water level has receded to a greater distance below ground surface. The off-base P&T system will be adjusted to account for lower water levels and lesser contamination. Kelly is awaiting approval from the state of Texas for a Class Three modification.

Recommendations and Follow-On Actions

- For Site ST038, the groundwater standards for two chemicals—1, 4-dichlorobenzene and naphthalene—were decreased (see Appendix B). These chemicals were present in the groundwater at concentrations that exceeded the previous standards. The revised standards will be used to monitor these chemicals in groundwater for the assessment of the performance of the remedies applied at this site.
- The Air Force will continue to evaluate soil concentrations at Sites WP022 and ST038 to determine whether SVE systems can be removed from operation.
- For WP022 and ST038, the Air Force is considering additional remedial approaches to attain RRS2-Industrial values for BEHP and PAH compounds through the use of either soil attenuation groundwater protection calculations or Synthetic Precipitation Leaching Procedure.
- The off-base portion of the P&T system for ST006 should be adjusted to allow for lower water levels and minimal contamination.

Protectiveness Statements

The remedies selected for these four sites are functioning as intended. Additional remedies are being evaluated for the persistent contaminants at sites WP022 and ST038 and will be evaluated using revised standards as appropriate. No information has come to light indicating inadequate protection of human or ecological populations. Exposure pathways and land use remain unchanged or do not impact the protectiveness of the remedies selected. Changes in the toxicity values and media-specific concentrations for several evaluated site contaminants do not impact protectiveness for the reasons given above.

II. Sites with Interim Remedial Systems Installed/In Place

Seven sites at Kelly have interim remedial systems installed (see Table 2). Site WP021 uses a groundwater collection trench to contain groundwater contamination at the base boundary. Site SS036 uses groundwater P&T systems at various locations to contain groundwater. In Site SS037, two permeable reactive barriers (PRBs) were recently installed to control groundwater contamination for two source areas. Interim actions at Site SS040 include a slurry containment system and groundwater P&T systems. The interim systems at Site SS050 consist of enhanced bioremediation and a PRB. The interim system at Site SS052 consists of a groundwater containment P&T system with source-area enhanced bioremediation. Site SS003 consists of a dual-phase groundwater extraction system and SVE system.

The evaluation of the one Groundwater Treatment Plant (GWTP) that serves the P&T systems indicates that the plant is operating as intended and effectively removing volatile organic compound (VOC) contaminants. System upgrades will be performed as described below under *Recommendations and Follow-on Actions*.

Table 3: Sites with Interim Remedies Installed/In Place

Site	Remedy	Is remedy functioning as intended?	Are exposure assumptions toxicity data, and RAOs used at remedy selection still valid?*	Has any other information come to light that could call into question the protectiveness of the remedy?
WP021	P&T	Modifications Implemented in 2003-Continuing to Evaluate performance	No	No
SS036	P&T	Yes	No	No
SS037	PRBs	Modifications Implemented in 2003-Continuing to Evaluate Performance	No	No
SS040	Slurry Wall P&T	Yes	No	No
SS050	Enhanced Bio PRB	Yes	No	No
SS052	P&T Enhanced Bio	Yes	No	No
SS003	SVE P&T	Yes No ⁺	No	No

* See Appendix B for a list of evaluated contaminants and corresponding toxicity values and medium-specific concentrations that have changed since the date of remedy selection/installation.

⁺Major system upgrades are planned for the Site SS003 P&T system to address technical issues. See *Recommendations and Follow-on Actions* below.

Toxicity values and medium-specific concentrations have changed for several contaminants at each site, as described in Appendix B. These changes have no impact on protectiveness for one or more of the following reasons:

- The changes resulted in a less restrictive (higher) concentration standard.

- The changes had no impact on the applied standard.
- The chemical was not detected at this site above the revised standard.
- There is no completed exposure pathway at the site, and the revised standards will be used to monitor remedial progress.

A somewhat unique result was found for 2-methylnaphthalene. All standards for this chemical were decreased by 10-fold. This chemical was detected in 7 out of 124 analyses of subsurface soil at Site WP021, and the maximum concentration detected exceeded the revised GWP-Ind standard by 50 percent. Concentrations of 2-methylnaphthalene in groundwater at this site, however, were well below the revised GW standards, indicating no release to groundwater in an amount that would have an impact on protectiveness.

Capture potential of groundwater recovery well networks was assessed based on analyses of flow path lines visualized by particle tracking. Minor breaches are observed in the areas of Sites SS036 and ST006. Fate-and-transport simulations for the cleanup of plumes of tetrachloroethylene (PCE) and trichloroethylene (TCE) existing in 2002 predict an expected maximum contaminant level (MCL) attainment time of less than 30 years. In all cases, significant plume reduction—both in contaminant mass and area—was predicted by the simulation after five to ten years of operations.

- Data collected at Site SS003 indicates that a large majority of the original contaminant mass of chlorobenzenes has likely been vapor-extracted or bio-remediated in situ. However, BEHP and TPH are still found in soil above cleanup criteria.
- Operation of the Site SS003 GWTP has resulted in multiple exceedances of the National Pollutant Discharge Elimination System discharge permit for manganese. It is believed that this is the result of mobilization of naturally occurring manganese by organic contaminants. Successful remediation of organic contaminants should alleviate this issue.
- The collection trench at Site WP021 was replaced during FY03; performance of the new collection system has not yet been determined.
- PRBs were installed at two locations in Site SS037 during FY03; performance of the PRBs will be monitored against revised standards as appropriate.

Recommendations and Follow-On Actions

- For Site SS037, new groundwater standards appeared for two organic chemicals: naphthalene and 2-methylnaphthalene. Both of these chemicals were detected in Zone 3 groundwater at concentrations higher than the new standards. These new standards will be used for the assessment of the performance of the remedies applied at this site.
- Revised standards for arsenic will be used to monitor the concentration of this chemical for the evaluation of remedial progress and to ensure protectiveness of site closeout.
- Sampling along newly installed treatment systems at Sites SS037 and WP021 will be performed to evaluate the effectiveness of remedies. Revised standards will be used as appropriate.
- For Site SS003, additional remedial strategies are being considered.

- In order to address technical issues associated with Site SS003's P&T remedial component, operations and maintenance (O&M) activities will include major system upgrades to optimize equipment efficiency, flow capacity, and contaminant removal for all remedial systems and GWTPs. Major system upgrades will include, but not be limited to, the following:
 - Pressure-test all major system trunk lines
 - Chemically clean all system lines and generate a report of findings
 - Optimize recovery wells/lift stations, and proactively approach well maintenance by computing and assessing well-specific capacity
 - Evaluate and report specific causes for well-capacity loss (scaling vs. biofouling)
 - Modify, install, or decommission treatment equipment
 - Inject and monitor bioremediation catalyst
 - Evaluate the granular activated carbon tank design and operation to determine whether additional efficiencies can be gained
 - Evaluate and, if appropriate, seek required regulatory acceptance for the elimination of the ultraviolet (UV) oxidation portion of the GWTP, as recommended by the Performance and Protectiveness Report (*Performance and Protectiveness Review Scoping Visit, Former Kelly AFB Texas, March 3 to March 7, 2003 and March 17 to March 21, 2003* Mitretek Systems). This will not affect the protectiveness of the remedy.

Protectiveness Statements

The remedies selected for Sites SS036, SS040, SS050, and SS052 are functioning as intended. In the case of remedies associated with WP021 and SS037, more data needs to be collected given the recent installation or replacement of the remedial components. Technical issues in the functioning of the P&T system at Site SS003 are being addressed, and additional remedial strategies are being evaluated to address persistent contaminants. No information has come to light indicating inadequate protection of human or ecological populations. Exposure pathways and land use for all seven sites remain unchanged or do not impact the protectiveness of the remedy. Changes in the toxicity values and media-specific concentrations for several evaluated site contaminants do not impact protectiveness for the reasons given above.

III. Industrial-Risk Based Closure Sites Under TCEQ's Risk Reduction Standard No. 2

The Air Force has closed 11 sites in compliance with TCEQ's RRS2-Industrial Standards. This section outlines post-closure deed record requirements required by the state of Texas for RRS2-Industrial closures in addition to information regarding the protectiveness determination.

Post-Closure Deed Record Requirements

After acceptance of the report from the TCEQ documenting closure of sites in compliance with TCEQ's RRS2-Industrial Standards, the Air Force is required to place proof of deed certification (30 TAC 335.560) in the Bexar County deed records. The following information is required to be placed in the deed record:

- Certification signed by the Air Force stating that closure or remediation of the facility or area was carried out in accordance with closure designed to meet §335.555 of

TCEQ's RRS2-Industrial Standards, which mandates that the remedy eliminates substantial present and future risk, such that no post-closure care or engineering or IC measures are required to protect human health and the environment

- A mete-and-bounds description of the portion or portions of the tract of land on which closure or remediation of industrial solid waste, municipal hazardous waste, or contaminants was achieved
- For a facility that satisfies the conditions of §335.557 of this title regarding compliance with RRS2 requirements for non-residential soil, a statement that current or future owners of the facility must undertake actions as necessary to protect human health and the environment in accordance with the rules of the TCEQ

Upon request, TCEQ can provide a statement that information and documents concerning the closure or remediation of the facility or area are available for inspection. The statement shall further describe TCEQ's jurisdiction over the development and final selection of final cleanup criteria at the Kelly sites.

The Air Force is released from post-closure care responsibilities upon acceptance by the TCEQ of the proof of deed certification.

Table 4: TCEQ RRS2-Industrial Risk-Based Closures

Site	Remedy	Is remedy functioning as intended?	Are exposure assumptions, toxicity data, and RAOs used at remedy selection still valid?*	Has any other information come to light that could call into question the protectiveness of the remedy?
SS002	RRS2-Ind	Yes	Yes	No
SS005	RRS2-Ind	Yes	No	No
SS028	RRS2-Ind	Yes	Yes	No
SS030	RRS2-Ind	Yes	No	No
SS031	RRS2-Ind	Yes	Yes	No
SS032	RRS2-Ind	Yes	Yes	No
WP033	RRS2-Ind	Yes	No	No
WP034	RRS2-Ind	Yes	Yes	No
SS039	RRS2-Ind	Yes	No	No
SS009	RRS2-Ind	Yes	No	No
SS045	RRS2-Ind	Yes	No	No

*See Appendix B for a list of evaluated contaminants and corresponding toxicity values and medium-specific concentrations that have changed since the date of remedy selection/installation.

Toxicity values and medium-specific concentrations have changed for several evaluated contaminants at six of these sites, as described in Appendix B. These changes have no impact on protectiveness for one or more of the following reasons:

- The changes resulted in a less restrictive (higher) concentration standard.
- The changes had no impact on the applied standard.
- The chemical was not detected at this site above the revised standard.

- All activities proposed on the sites are consistent with the land use stated in the closure documents
- The Final Tier 2/Tier 3 Ecological Risk Assessment Report was submitted to the regulators in the first quarter of 2004. The ecological risk assessment indicated that the current remedies are protective.

Recommendations and Follow-On Actions

Review comments from regulators on the Final Tier 2/Tier 3 Ecological Risk Assessment Report are anticipated in the fall of 2005.

Protectiveness Statements

The remedies selected for these 11 sites are functioning as intended. No information has come to light indicating inadequate protection of human or ecological populations. Recent ecological risk assessments associated with these or other sites at Kelly show protectiveness of ecological receptors. Exposure pathways and land use for all 11 sites remain unchanged or do not impact the protectiveness of the remedies selected.

For Sites SS002, SS028, SS031, SS032, and WP034, toxicity values and medium-specific concentrations remain unchanged. Changes in the toxicity values and medium-specific concentrations for several evaluated site contaminants at Sites SS005, SS009, SS030, SS039, SS045, and WP033 have no impact on protectiveness for the reasons given above.

Next Review Date

The next five-year review of remedial actions at Kelly will be due 5 years from the date of acceptance of this report.

Attachment 1

Memorandum - Kelly Position on Five-Year Reviews

Kelly USA Position Memorandum
14 January 2002

Subject: Position Regarding US EPA Five-Year Review Requirements

Based on discussions with TNRCC and EPA Region VI regulators at two recent Kelly BCT meetings, Kelly understands that the TNRCC and EPA Region VI will not require Kelly to prepare Five-year reviews for its long-term remedial sites. It is the Air Force Base Conversion Agency that chooses to implement cleanup at Kelly USA by following both RCRA and CERCLA guidance including five-year reviews.

As part of the Kelly USA environmental cleanup program, Kelly will continue to meet all regulatory requirements and in addition, will collect the information and data needed to perform a five-year review at all of its long term remedial sites. The data and information collected will be based on the most recent US EPA guidance entitled, *Comprehensive Five-Year Review Guidance*, EPA 540-R-01-007, June 2001. Much of the information required by the EPA guidance is already being collected or plans are in place to collect the information. Kelly USA intends to collect and maintain the records and information necessary to prepare five-year reviews should they be mandated by future Department of Defense of regulatory policy.

Kelly welcomes TNRCC and EPA Region VI input on this subject at any time but understands that currently neither regulatory agency has any plans to require Kelly USA to prepare five-year reviews.

Kelly RAB/TRS Meeting Schedule # 3240 Page 58 of 65

(*March '06 – December '06 Agenda Forecast)

- March 14, 2006 (@ EHWC) - TRS

Topics: 1) TAPP briefing
2) Jan. 2006 Semiannual Compliance Plan Report

- April 11, 2006 (@ Kennedy HS) - RAB

Topics: 1) PCEH - sub-slab vapor air monitoring
2) CERCLA 5 Year Review report

- June 13, 2006 (Location TBD) - TRS

Topics: 1) Environmental Process Control Facility (EPCF) RFI

- July 11, 2006 (Location TBD) - RAB

Topics: 1) PCEH - PRB monitoring results
2) Cleanup Progress Update
3) Zones 1-5 update

- September 12, 2006 (Location TBD) - TRS

Topics: 1) July 2006 Semiannual Compliance Plan Report
2) Site D-10 Closure

- October 10, 2006 (Location TBD) - RAB

Topics: 1) RAB Elections

- December 12, 2006 (Location TBD) - TRS

Topics: 1) Zones 2/3 CMI Workplan

*** ALL DATES, LOCATIONS AND SCHEDULED AGENDA TOPICS ARE SUBJECT TO CHANGE**



Sig Christenson: 'BRAC to the Future': A sequel

Web Posted: 03/26/2006 12:00 AM CST

San Antonio Express-News

The 2005 base closure round was thought by many to be the Pentagon's final chance to shutter bases and save billions. But that might well be wishful thinking.

BRAC is far from dead, experts say. In fact, chances are good that more base closures lie ahead. They might even become a permanent feature of the Pentagon's landscape.

"There are lots of people who say there will never be another BRAC," said retired Air Force Brig. Gen. Sue E. Turner of San Antonio. "That's mostly because they survived this time and hope there's not another BRAC, but from a practical standpoint there could be."

Turner was one of nine members of last year's Defense Base Closure and Realignment Commission that closed 22 installations, including Brooks City-Base. The commission overruled the Defense Department's BRAC wish list and ultimately saved six bases the military wanted closed.

That the Pentagon might try again wouldn't be unexpected. But the BRAC commission itself opened the door to future closure rounds as it wrapped up its business last fall.

It suggested that future Pentagon leaders release the Quadrennial Defense Review, a blueprint for future military operations issued every four years, in time for future closure commissions to study it. Turner and her fellow commissioners said this year's document, which was released after BRAC handed down its final closure list, could have helped deliberations.

Yet more telling of where things might go is a single sentence buried in Appendix R of the commission's voluminous report: "In fact, initiating a new BRAC round should be considered by the secretary of defense in eight-year intervals following every alternate QDR" — a closure round every eight years.

Most of those interviewed for this story were unaware the commission made that suggestion, but Turner cautioned that it wasn't meant to be a call for regularly scheduled BRAC rounds. She termed eight years "the next reasonable time" for a sixth closure — if it's sought — a view echoed by some in Washington.

Still, Mayor Phil Hardberger and others concede the recommendation is a reminder that the base closure process has a life of its own. And the military is so important to San Antonio "that we can't afford not to always keep the possibility of another BRAC in the back of our minds," he said.

BRAC has been seen by defense leaders as a way to save money by eliminating excess infrastructure. The commission said its cuts in 2005 are expected to save \$4.2 billion annually for the next 20 years.

Four prior rounds saw 97 major installations closed, about 21 percent of the Defense Department's infrastructure, including Kelly AFB. The Government Accountability Office estimates those closures

San Antonio Business Journal - March 27, 2006
<http://sanantonio.bizjournals.com/sanantonio/stories/2006/03/27/story4.html>

SAN ANTONIO **BUSINESS JOURNAL** THE ESSENTIAL BUSINESS TOOL

BUSINESS PULSE SURVEY: Are big corporate players in San Antonio being overlooked?

S.A.'s military transformation task force shifts into high gear

San Antonio Business Journal - March 24, 2006 by Catherine Dominguez

Local business and government leaders are moving into high gear with a recently formed task force to address the many issues surrounding the plans for restructuring San Antonio's military bases.

The changes stem from the Base Realignment and Closure (BRAC) committee decision in May of last year.

On May 13, Defense Secretary Donald Rumsfeld recommended closing Brooks City-Base and 32 other installations across the nation as part of the 2005 BRAC process.

The San Antonio Military Transformation Task Force was organized in late November in response to the BRAC decision. It is composed of former and current city and county representatives and area business leaders. To date the group has met only a few times but is actively discussing its role in the up-and-coming changes at the military bases located throughout San Antonio in the wake of the BRAC decision.

The task force is headed by Richard Perez, San Antonio District 4 councilman, along with Lyle Larson, Bexar County Commissioner for Precinct 3, and Michael Novak, former chairman of the board for the Greater San Antonio Chamber of Commerce.

The task force also consists of seven standing committees that will focus on different areas, such as transportation, medical partnerships and technology.

A new mission

The nine-member BRAC panel delivered its final report to President Bush Sept. 8, and he, in turn, sent it to Congress for legislative review on Sept. 15. Congress had until Nov. 9 to accept or reject the report in its entirety. Congress approved the report on Nov. 8 and the Department of Defense will have until Sept. 11, 2011, to complete the process recommended in the report.

The BRAC decision also calls for several base adjustments, including the relocation of the 59th Medical Wing from Lackland's Wilford Hall Medical Center to Fort Sam Houston, where it would be merged with Brooke Army Medical Center as part of a new San Antonio Regional Medical Center. It also would mean that Fort Sam Houston would be home to a new "center of excellence" in battlefield and trauma care.

Col. Richard Agee, chief of staff for the Army Medical Department Center and School at Fort Sam Houston, said in a previous Business Journal article, that the recommendations outlined by Rumsfeld would be of historic significance for San Antonio and for Fort Sam Houston. He says they would likely result in some \$800 million in new construction and redevelopment at Fort Sam Houston alone.

The task force was organized as an extension of the San Antonio Military Missions Task Force that existed during the BRAC round ending in 2005 to help the city and county transition after the

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Kelly Air Force Base Restoration Advisory Board (RAB)


The Air Force invites you to attend the next RAB meeting. A variety of issues concerning the cleanup at the former Kelly Air Force Base will be discussed.

Tuesday, April 11, 2006
 Time: 6:30 pm
 Kennedy High School Cafeteria
 1922 S. McMullen
 San Antonio, TX 78226

Call the Kelly Public Information Line at (210) 925-0956 for more information.

If a Spanish translator or sign language interpreter is needed, call (210) 925-0956 at least two days in advance.

SBA Free Seminar
 The U.S. Small Business Administration (SBA), Government Contracting & Business Development Division, will be conducting a FREE seminar on Wednesday, April 5, from 10 a.m. to 12:30 p.m. at the office of the U.S. Small Business Administration, 17319 San Pedro, Ste 200.



Anthony Alcoser Alcoser Announces Candidacy For Harlandale School Board

It was with great pride that Anthony Alcoser has recently announced his candidacy for Harlandale School Board Trustee in single member district six.

Alcoser is a lifelong member of the Harlandale community, he attended Adams Elementary School, Harlandale Middle School and is a graduate of Harlandale High School.

Alcoser recognizes that through his education in Harlandale he was able to earn a Bachelor's degree in Criminal Justice/Pre-Law Studies from The University of Texas in San Antonio where he is currently working on his Master's in Business.

Alcoser served in the Washington D.C. office of Ciro D. Rodriguez, worked as a Bexar County Budget Analyst and Justice of the Peace Truancy Case Manager.

Alcoser brings to the Board his experience of sound financial management, ability to work with children and an unparalleled enthusiasm to serve his community. As a proud father of an 18 month old daughter, Alcoser embraces the chance to give back to the community that has given so much to him.

it's DAYLIGHT SAVINGS Time!

Early Voting For Primary Run-off Elections

Several San Antonio Public Library Branches will serve as early voting sites for the upcoming primary run-off elections. Early voting will be open at each location from 8 a.m. until 8 p.m., Monday, April 3, through Friday, April 7.

- Southside Branches serving as early voting sites are:
- Collins Garden Branch Library, 200 N. Park, 225-0331
 - Cortez Branch Library, 2803 Hunter Boulevard, 922-7372
 - Johnston Branch Library, 6307 Sun Valley, 674-8410
 - Las Palmas Branch Library, 515 Castroville Road, 434-6394
 - McCreless Branch Library, 1023

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Southside Reporter, Pg. 13
 Thursday, 30 March 2006

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He said Southern Baptists could consider supporting a temporary guest-worker program only after U.S. authorities secured the border. Is that the position of all conservative Christians?

No. Some evangelicals agree with Catholics that Christians have a moral obligation to help undocumented migrants.

Din Villafane, professor of Christian social ethics at Boston College's Theological Seminary, an evangelist school in the Boston area, said borders must be re-examined — but not at the expense of basic human rights.

Does Islam have anything to say about the issue?

Islam emphasizes a moral duty toward immigrants. The Prophet Muhammad was himself a migrant who sought refuge in other lands — mostly famously in Medina. Charity is one of the pillars of the faith. The Quran speaks of a Muslim obligation toward anyone seeking a haven from persecution, said Jamal Badawi, an expert on Islam at St. Mary's University in Nova Scotia.

Nigerians are returning Gospel to United States

CONTINUED FROM 7B

New York, and is training Americans of all races to help them reach beyond the African immigrant community. One of their largest congregations, Victory Temple in Bowie, Md., claims 2,000 members.

Fifty miles north of Dallas, the church is building a multi-million-dollar national headquarters and conference complex on more than 600 acres of farm land in rural Floyd.

The site is modeled on the denomination's huge campground outside Lagos and is expected to draw thousands for marathon prayer meetings that are the hallmark of its worship style.

At the center of the North American push is a for-profit, satellite TV network, launched in December from Dallas under the name Dove Media, which broadcasts sermons from the church's world leader Pastor Enoch Adeboye, between reruns of "The Dick Van Dyke Show" and "Bonanza." Dove hopes to attract viewers who would not normally watch Christian TV.

"We didn't bring this church to the United States to be another Nigerian church," said Ajibike Akinkoye, chief executive of Dove Media. "We are afraid

with the way things are going in the world and in America — allowing people to do what they like, creating their own religion and philosophy — those people are going to pay for it. We don't want that to happen."

The Redeemed Church believes Christianity here has become a lifestyle, not a transforming way of life, and they feel obliged to rescue the people who brought them the faith in the first place.

"There is a vibrancy in Africa," Akinkoye said. "We are offering that gift back to America."

Kelly Air Force Base Restoration Advisory Board (RAB)

The Air Force invites you to attend the next RAB meeting. A variety of issues concerning the cleanup at the former Kelly Air Force Base will be discussed.

Tuesday

April 11, 2006

Time: 6:30 p.m.

Kennedy High School
Cafeteria

1922 S. General McMullen
San Antonio, TX 78226

Call the Kelly Public
Information Line at
(210) 925-0956 for more
information.

If a Spanish translator or sign language interpreter is needed, call (210) 925-0956 at least two days in advance.

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Express-News - Metro Section
Saturday, 1 April 2006

Newspaper

LA PRENSA De San Antonio

Sunday

2 April 2006

La Junta Asesora de Restauración (RAB, por sus siglas en inglés) de la Base Aérea Kelly

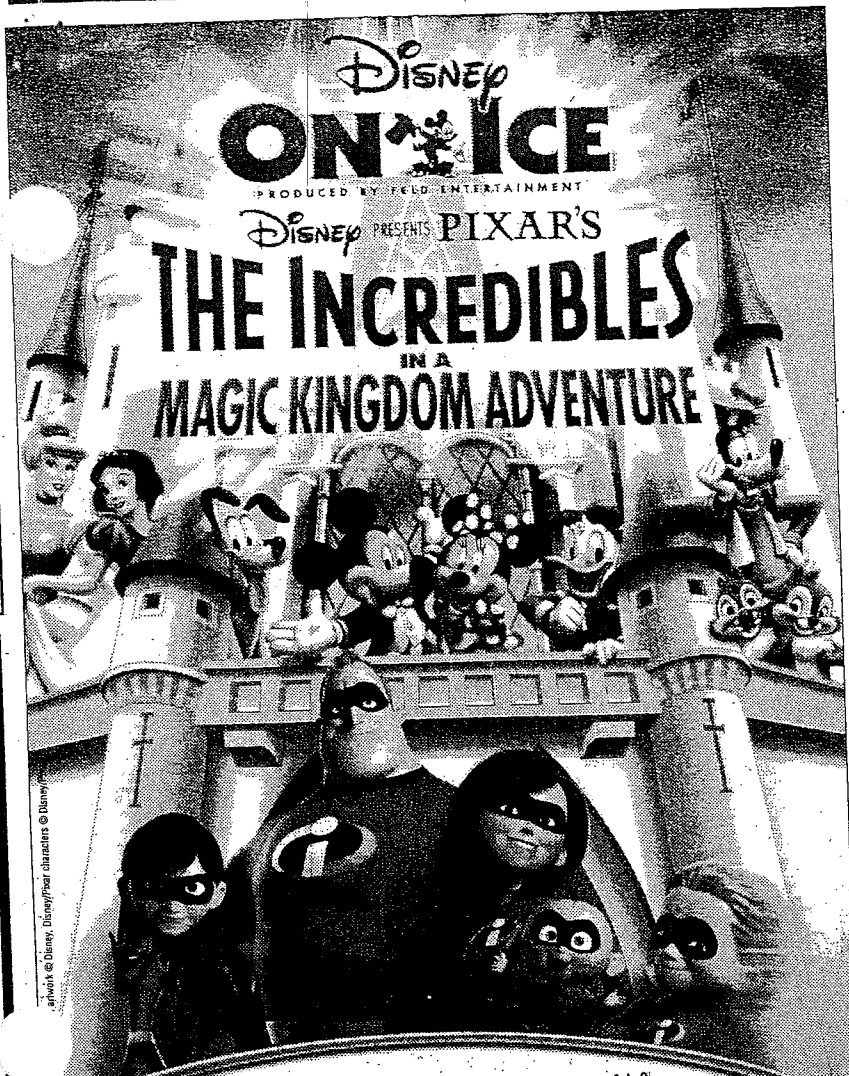
La Fuerza Aérea le invita a asistir a la próxima junta de la RAB. Se discutirán una variedad de temas acerca del programa ambiental de Kelly.

martes 11 de abril del 2006 6:30 p.m. Cafetería de la Preparatoria Kennedy 1922 S. General McMullen San Antonio, TX 78226

Para más información, favor de llamar a la Línea de Información Pública de Kelly al (210) 925-0956.

Si usted necesitará un traductor de español o un intérprete de lenguaje de señas, por favor llame al (210) 925-0956 con no menos de dos días de antelación.

La Prensa Sunday, 2 April 2006



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Air Force Real Property Agency

Public Service Announcement



KELLY RESTORATION ADVISORY BOARD TO MEET April 11, 2006

San Antonio, Texas. – Request you air/print the following public service announcement:

The Kelly Restoration Advisory Board will meet Tuesday, April 11, 2006, at Kennedy High School, 1922 S. General McMullen, San Antonio, Texas, 78226. The meeting will begin at 6:30 p.m. in the cafeteria. The RAB is a group of community, government and Air Force personnel who meet quarterly to discuss the progress of the cleanup at the former Kelly Air Force Base and advise the Air Force on community concerns related to cleanup. The public is invited to attend.

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FINAL PAGE

ADMINISTRATIVE RECORD

FINAL PAGE