



KELLY AFB
TEXAS

ADMINISTRATIVE RECORD
COVER SHEET

AR File Number 3219

Kelly Restoration Advisory Board (RAB)

Meeting Agenda

23 January 2007

Port Authority of San Antonio

143 Billy Mitchell Blvd., Bldg. 43, Suite 6

San Antonio, TX 78226

- | | | |
|-------------|---|-------------------|
| 6:30 - 6:45 | Welcome and Overview | Mr. Jose Martinez |
| 6:45 - 6:55 | Installation Cochair Comments | Mr. Adam Antwine |
| 6:55 - 7:05 | BCT Update and Regulatory Process Overview | Ms. Norma Landez |
| 7:05 - 7:15 | Questions & Answers | |
| 7:15 - 7:45 | Kelly Environmental Cleanup Progress
Update for Zones 2-5 Presentation | Mr. Don Buelter |
| 7:45 - 8:00 | Questions & Answers | |
| 8:00 - 8:15 | Public Comment Period | Mr. Jose Martinez |
| 8:15 - 8:30 | RAB Open Discussion/Upcoming Agenda | Ms. Sonja Coderre |
| 8:30 | Adjournment | |

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

January 23, 2007
Kelly Restoration Advisory Board (RAB)

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

RAB Community Member Attendees:

Rodrigo Garcia
James Betus
Nazirite Perez
Beverly Abbott
Paul Person

RAB Government Member Attendees:

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

Other Attendees:

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

The meeting began at 6:35 p.m.

I. Introduction – Mr. Jose Martinez

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

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

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

II. BEC Update

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

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

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

III. Kelly Cleanup Regulatory Process Presentation by Mr. Buelter

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

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

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

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

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

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

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

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

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

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

The entire CERCLA/IRP processes ends with site closure.

B. Resource Conservation and Recovery Act (RCRA) Process

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

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

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

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

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

C. Kelly Process-History

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

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

The Kelly Process includes the following steps:

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

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

10 Minute Break

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

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

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

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

Zone 1:

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

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

Zone 2, Site E-1(WP020)

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

Zone 2, Site E-3 (WP022)

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

Zone 2, Site D-10 (LF019)

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

Zone 2 (Bldg 522)

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

Zone 2 (Groundwater (SS036))

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

Zone 3, Site S-4 (ST006)

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

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

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

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

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

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

Zone 3, Site IWCS (SS044)

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

Zone 4, Groundwater (SS037)

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

Zone 4, IWCS (SS051)

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

Zone 4, Groundwater (SS052)

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

Zone 5, Site S-1 (SS003)

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

Zone 5, Groundwater (SS050)

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

Path Forward:

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

V. Public Comment Period

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

VI. Proposed Agenda for Next RAB Meeting

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

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

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

VII. Meeting Adjournment

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

Attachments:

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

The BCT Meeting began at 1:30 p.m. on 10 October 2006 in Conference Room #2 at the Air Force Real Property Agency Chief Operations Office - Kelly (AFRPA/COO-K) in San Antonio. Listed below are the attendees and a summary of the BCT meeting.

Item #	Lead	Support	Discussion Topic	Comments	Discussion Topic Concluded	Disposition/Action Items
1.	Ravichandran, M.	Braddy, G.	Zone 1 Update	Review of project status for IRP Zone 1 Remedial Action.	Yes	Landfill (LF) 12 and 14 remedial action is scheduled to begin 1 November 2006. Remedial action includes excavation of drums and contaminated soil. The contaminated soil and debris will be treated with oxidation. Air monitoring will be accomplished during the remedial action. The scope of the project is to begin at LF 12 and then move to LF 14 dependent on the availability of funding. The work for LF 12 is expected to take approximately two weeks, and the work for LF 14 is estimated to take one week. Ms. Power requested that the tenants in the local buildings within the exclusion zones be contacted. Mr. Rivichandran stated that they plan to contact the tenants within the exclusion zone. Additionally, due to road closures and recent public awareness, a public notice and meeting is scheduled prior to mobilization.
2.	Landez, N.	Zone Managers	Zone Updates	Review of major project status for IRP Zones 2, 3, 4, and 5	Yes	<ul style="list-style-type: none"> • Environmental Process Control Facility (EPCF): A public notice for corrective action at EPCF will be prepared this week. • B301: Remedial action optimization includes 3-phased heating soil vapor extraction (SVE) and enhancement. Thermal treatment is projected for start-up in the summer of 2007. • B360: As part of the SVE installation, drilling will begin next week. • Monitoring well abandonment for Zones 2 and 3 monitoring wells that are no longer needed will be accomplished in the next couple of months. • Metal Plating (MP) site SS040: Additional funding is being sought to optimize the ongoing remedial action at Site SS040. The tentative plan is to fund with Site E-3 optimization next year.

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

Report #	AFRPA DOCUMENTS LISTED BELOW WERE TAKEN TO THE KELLY RAB COMMUNITY COCHAIR LIBRARY	Date	Adm
	JANUARY 2007		
291B	Closure Report Installation Restoration Program for Site D-10 (LF019) Former KAFB	Nov 06	Yes
TCEQ Ltr	Review Comments on Zone 3 Six Sites Soil Revised Closure Report	30 Nov 06	Yes
TCEQ Ltr	Review of Summary Tables for Final East Kelly SWMU and Data Gap at Facilities 3050, 3064, 3067, etc.	14 Dec 06	Yes
TCEQ Ltr	Review of Summary Tables for Final East Kelly SWMU and Data Gap at Facilities 3016, 3107, 3449, etc.	14 Dec 06	Yes
	Signature (Installation Cochair):	Date:	

1/18/2007

Air Force Real Property Agency

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Kelly Restoration Advisory Board

23 January 2007



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

U.S. AIR FORCE

1



U.S. AIR FORCE

Introduction

6:30pm – 6:45pm

- Welcome and Overview

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U.S. AIR FORCE

Introduction

6:45 pm – 6:55 pm

- Installation Cochair Comments

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BEC Update

6:55pm – 7:05pm

- BCT Update
- Library Documents
- Regulatory Process Overview

7:05pm – 7:15pm

- Questions and Answers

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BCT Update

BCT Update

- Meeting: 10 October 2006
 - Copies of final BCT meeting minutes included in RAB member packets.
- Meeting: 10 January 2007
 - Copy of final BCT meeting minutes will be provided at next RAB meeting.

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Library Documents

- AFRPA documents below will be placed in the Kelly RAB Community Cochair Library following this meeting.
 - **Report 291B, dated November 2006 – Closure Report, Installation Restoration Program Site D-10 (LF019), Former Kelly AFB**
 - The objective of this report is to document the soil conditions beneath site D-10, the Waste Tar Pit Landfill, and demonstrate that the site meets the Risk Reduction Standards (RRS) closure requirements for industrial use (RRS #2). Site D-10 is approximately 1/3 acre in size and is located at the southern tip of the former Kelly AFB, adjacent to Leon Creek on the west and the Union Pacific rail line on the East.

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Library Documents

- AFRPA documents below will be placed in the Kelly RAB Community Cochair Library following this meeting (continued)
 - **TCEQ letter to AFRPA, 11/30/06** – Re: TCEQ’s review of the *Zone 3 Six Sites Soil Revised Closure Report, Former Kelly AFB*, and approval for Risk Reduction Standard (RRS) No. 2
 - **TCEQ letter to AFRPA, 12/14/06** – Re: TCEQ’s review of Revised Facility Summary Tables – *Final East Kelly Solid Waste Management Unit and Data Gap Additional Investigation No Further Action Report, April 2002*. No further action required for Solid Waste Management Units (SWMUs): 006, 007, 009, 010, 011, 012, 013, 014, 015, 017
 - **TCEQ letter to AFRPA, 12/14/06** – Re: TCEQ’s review of Revised Facility Summary Tables – *Final East Kelly Solid Waste Management Unit and Data Gap Additional Investigation No Further Action Report, April 2002*. No further action required for SWMU facilities 3016/3107/3449/3765/3830/3835. Closure/remediation of (15) SWMUs under RRS No. 2 pursuant to Title 30 TAC Ch. 335 Subchapters A and S are approved:

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Air Force Real Property Agency

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Kelly Cleanup Regulatory Process Presentation



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January 23, 2007
Former Kelly Air Force Base

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Overview

- What is CERCLA / IRP?
- What is RCRA?
- The Kelly Process

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The CERCLA / IRP Process

- The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
 - Commonly known as Superfund
 - Enacted by Congress on December 11, 1980
 - Established prohibitions and requirements concerning closed and abandoned hazardous waste sites
 - Provided for liability of persons responsible for releases of hazardous waste at these sites
 - Established a trust fund to provide for cleanup when no responsible party could be identified.

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The CERCLA / IRP Process - SARA

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- **The Superfund Amendments and Reauthorization Act (SARA)**
 - Amended CERCLA on October 17, 1986
 - Reflected EPA's experience in administering Superfund
 - Stresses importance of permanent remedies and innovative treatment technologies in cleaning up hazardous waste sites
 - Requires Superfund actions to consider the standards and requirements found in State and other Federal environmental laws and regulations
 - Provides new enforcement authorities and settlement tools
 - Increases State involvement in every phase of Superfund
 - Increases focus on human health problems posed by hazardous waste sites
 - Encourages greater citizen participation in making decisions on how sites should be cleaned up
 - Increased the size of the trust fund to \$8.5 billion

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The CERCLA / IRP Process

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- **The Installation Restoration Program (IRP)**
 - Implements the goals and responsibilities of the DOD's Environmental Restoration Program (DERP) required by CERCLA to include protection of human health and the environment
 - Identifies and cleans up contamination from past hazardous waste disposal sites on present or formerly military-owned property

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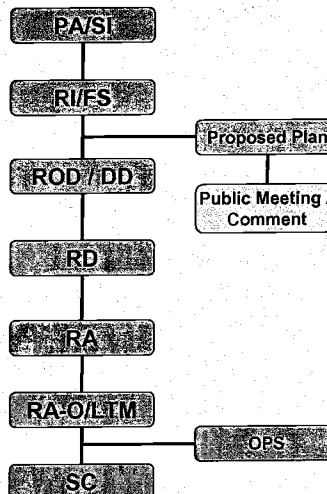
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The CERCLA / IRP Process

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- Preliminary Assessment/ Site Investigation: Records search and limited sampling
- Remedial Investigation/Feasibility Study: Complete investigation and remedy selection
- Proposed Plan: Outlines proposed remedy, public meeting held, and public comment taken
- Record of Decision / Decision Document: Documents remedy, public comments addressed
- Remedial Design: Design of remedy
- Remedial Action: Installation / implementation of remedy selected
- Remedial Action – Operations/Long-term Monitoring: Operation and monitoring of remedy
- Operating Properly & Successfully
- Site Closure: End of remedy



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The RCRA Process

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- Resource Conservation and Recovery Act (RCRA)
 - Pronounced "rick-rah"
 - Authorized EPA to control hazardous waste from the "cradle-to-grave" to include generation, transportation, treatment, storage, and disposal of hazardous waste
 - Set forth a framework for the management of non-hazardous wastes
 - 1986 amendments enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances
 - Focuses only on active and future facilities and does not address abandoned or historical sites

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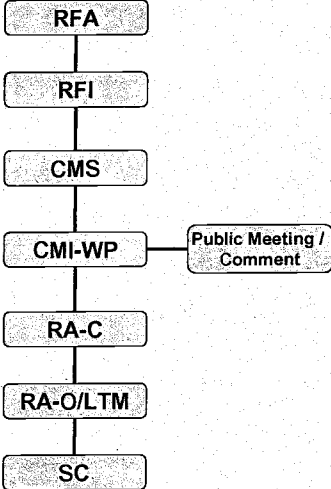
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The RCRA Process

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- RCRA Facility Assessment: Records search and limited sampling
- RCRA Facility Investigation: Complete investigation
- Corrective Measures Study: Remedy selection
- Corrective Measures Implementation –Work Plan: Design of remedy, Contains Class III Mod
- Public Meeting / Comment: Conducted by Permittee as directed by Regulatory Agency
- Remedial Action-Complete: Installation
- Remedial Action-Operations/Long-term Monitoring: Operation and Monitoring
- Site Closure: End of remedy



```

graph TD
    RFA[RFA] --> RFI[RFI]
    RFI --> CMS[CMS]
    CMS --> CMI_WP[CMI-WP]
    CMI_WP --- PM[Public Meeting / Comment]
    CMI_WP --> RA_C[RA-C]
    RA_C --> RA_O_LTM[RA-O/LTM]
    RA_O_LTM --> SC[SC]
            
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The Kelly Process A History

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- The environmental cleanup program at former Kelly AFB uses the CERCLA / IRP and the RCRA processes
 - Kelly AFB initiated the IRP in 1982 under the DERP
 - An Agreed Order issued by the Texas Water Commission (now the TCEQ) in 1989 required Kelly to submit a corrective action RCRA Permit application resulting in issuance of the RCRA Permit and Compliance Plan in 1998
 - Both RCRA and CERCLA are being used at former Kelly AFB to identify, investigate, and cleanup contamination associated with past AF activities to protect human health and the environment
 - Community involvement is driven by both processes

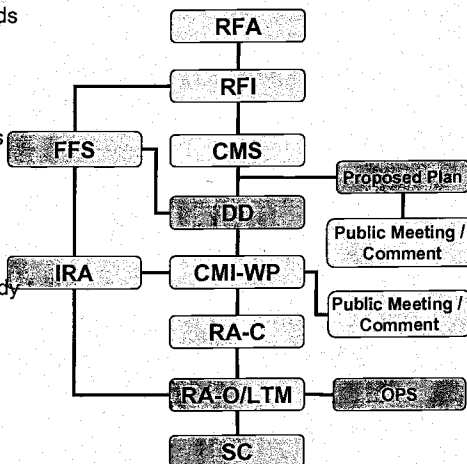
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The Kelly Process

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



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Kelly Environmental Cleanup Progress Update for Zones 2-5

7:15pm – 7:45pm

- Kelly Environmental Cleanup Progress Update for Zones 2-5

7:45pm – 8:00pm

- Questions and Answers

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Kelly Environmental Cleanup Progress Update for Zones 2-5 Presentation



23 January 2007

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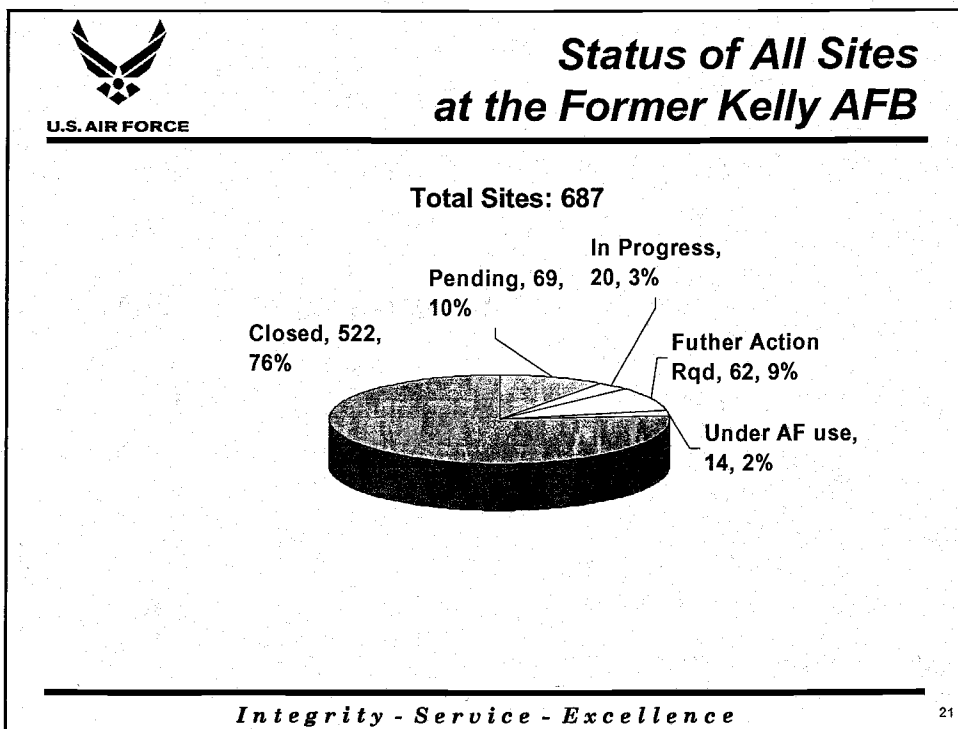
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Overview

- Current status of all sites by category
 - IRP sites
 - Compliance sites
 - Other types of sites
- Cleanup progress at individual sites
 - Overview of each site
 - Implemented systems
- Future of the cleanup program

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Sites at the Former Kelly AFB

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Category	Total Sites	Closed	Pending	In Progress	Further Action Rqd	Under AF Use
Container Storage Areas (CSA)	51	38	9	0	2	2
Hydrant Fuel Systems (HFS)	6	4	0	2	0	0
Installation Restoration Program Sites (IRP)	35	23	1	1	10	0
Locations of Concern (LOC)	30	21	5	0	4	0
Other Compliance Sites (OCS)	25	12	3	0	10	0
Ordnance Ranges (ORX)	2	1	0	0	1	0
Oil/Water Separators (OWS)	57	49	2	1	2	3
Petroleum Storage Tanks (PST)	279	237	0	15	23	4
Radiation Sites (RAD)	27	26	0	0	0	1
Silver Recovery Units (SRU)	10	9	0	0	0	1
Washracks (WRW)	42	29	9	1	0	3
Waste Storage Tanks (WST)	61	51	0	0	10	0
Waste Water Treatment Systems (WWT)	62	22	40	0	0	0

As of 19 January 2007 * Pending = Awaiting final administrative action

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Cleanup Progress by Zone



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What is a Zone?

- Zones are used at Kelly AFB to group areas of the base geographically to facilitate cleanup.
- Some bases refer to these areas as Operable Units
- There are 5 zones at Kelly

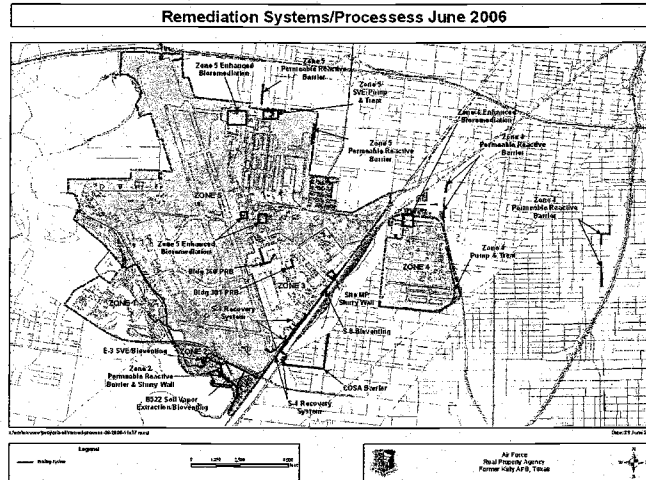
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What is a zone?



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Cleanup Progress – Zone 1

- Zone 1 has been realigned to Lackland AFB, and is being managed by 37th Civil Engineering Squadron. For more information on Zone 1 Sites contact:

Ms. Adelina Carillo
Chief, Community Relations
Lackland AFB, TX
(210) 671-5055

- The next Lackland Community Council on Restoration meeting is scheduled for January 24, 2007 beginning at 7:00 p.m., and will be held at the Johnston Library.

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Zone 2 Sites



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Zone 2 Site E-1 (WP020)

- What it was:
 - Former chemical evaporation pit in use during 1940-1966
- What's been done:
 - Groundwater recovery system installed in 1993
 - New groundwater recovery system using underground trenches and HDPE barriers installed in 2004; earlier groundwater recovery system deactivated
 - Approximately 15,000 cubic yards of soil were excavated and backfilled with clean soil and organic substrate to aid bioremediation
- Current Status:
 - Corrective Measures Study approved by TCEQ 15 May 2006
 - Corrective Measures Implementation Work Plan submitted November 2006

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Zone 2
Site E-3 (WP022)

- What it was:
 - Former chemical evaporation pit in use during 1966-1980
- What's been done:
 - Soil and sludge excavated in 1985
 - Groundwater recovery system began operation in 1993; system upgraded in 2000
 - Soil vapor extraction system in use since 2000
- Current Status:
 - Final groundwater recovery system approved with issuance of Compliance Plan 12 June 1998

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Zone 2
Site D-10 (LF019)

- What it was:
 - Waste Disposal Area
- What's been done:
 - Late 2002 – Late 2005: Soil removed and disposed in appropriate facilities
- Current Status:
 - Closure report submitted to TCEQ

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Zone 2 Building 522

- What it was:
 - Former facility that overhauled aircraft radomes
- What's been done:
 - Soil vapor extraction installed on the north side of Leon Creek
 - Building 522 demolished in 1997
- Current Status:
 - Corrective Measures Study approved by TCEQ 15 May 2006
 - Corrective Measures Implementation Work Plan submitted November 2006

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Zone 2 Groundwater (SS036)

- What:
 - Groundwater beneath Zone 2 on the southern portion of the former Kelly AFB
 - Sources listed in the Zones 2 and 3 CMS include
 - Site E-1
 - Former Building 522
- Status
 - Corrective Measures Study approved by TCEQ 15 May 2006
 - Corrective Measures Implementation Work Plan submitted November 2006

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Zone 3 Sites



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Zone 3 Site S-4 (ST006)

- What it was:
 - Jet fuel spill site (JP-4)
- What's been done:
 - Groundwater recovery system installed in 1989 and optimized in 1999
 - Groundwater recovery trenches installed in 2001 and 2002
- Current Status:
 - TCEQ approved closure of soils under RRS No. 2 15 August 2000
 - Approval for Class 3 Modification to Compliance Plan, identifying final remedial action for groundwater contamination, approved by TCEQ in September 2004

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Zone 3
Site OT-2/MP (SS040)

- What it was:
 - Metal plating shops (Buildings 258 and 259) located south of Building 171
 - Buildings 258 and 259 demolished in 1981
- What's been done:
 - Groundwater recovery system operating since 1996; optimized in 1999
 - Slurry wall installed 2000
- Current Status:
 - Corrective Measures Study approved by TCEQ 15 May 2006
 - Corrective Measures Implementation Work Plan submitted November 2006
 - Final corrective action will be the excavation and proper disposal of source area soil contamination

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Zone 3
IWCS (SS044)

- What it was:
 - Made up of sections of stormwater and sanitary sewer collection systems installed in the early 1950s and Industrial Waste Collection System Pipelines constructed in 1972
- What's been done:
 - Abandoned in place August 2000
- Current Status:
 - Closure report approved by TCEQ 25 October 2004
 - Closure pending deed recordation

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Zone 3 Groundwater (SS037)

- What it is:
 - Groundwater plume originating from sites within Zone 3
 - Includes Sites S-4, OT-2, former IWCS and sites within 300 Area
- What's been done:
 - PRBs installed
- Current Status:
 - Corrective Measures Study approved by TCEQ 15 May 2006
 - Corrective Measures Implementation Work Plan submitted November 2006
 - Remedial actions to be accomplished at Buildings 301, 324, 348, and 360 to treat source area soils at those locations

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Zone 4 Sites



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Zone 4 IWCS (SS051)

- What it was:
 - Industrial Waste Collection System that sent industrial wastewater to the IWTP from an engine repair facility on East Kelly AFB
- What's been done:
 - Removal of IWCS lines during repair facility renovations
 - Used organic substrate for bioremediation of contaminants in soil and groundwater
- Current Status:
 - Approval for Class 3 Modification to Compliance Plan, identifying final remedial action, approved by TCEQ in January 2007

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Zone 4 Groundwater (SS052)

- What it is:
 - Groundwater plume located beneath Zone 4
 - Impacted by IWCS (Site SS051) and Site MP in Zone 3
- What's been done:
 - Recovery Wells
 - PRBs
- Current Status:
 - Approval for Class 3 Modification to Compliance Plan, identifying final remedial action, approved by TCEQ in January 2007

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Zone 5 Sites



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Zone 5 Site S-1 (SS003)

- What it was:
 - Former waste oil storage facility and DPDO storage area
- What's been done:
 - Interim measure using recovery wells and air stripping installed in operation since 1995
 - Soils excavated in 1998; dual phase groundwater recovery and soil vapor extraction systems installed
- Current Status:
 - Approval for Class 3 Modification to Compliance Plan, identifying final remedial action, approved by TCEQ in January 2007

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Zone 5 Groundwater (SS050)

- What it is:
 - Consists of groundwater contamination plumes in Zone 5
- What's been done:
 - Installation of PRBs
 - Groundwater Bioremediation
- Current Status:
 - Approval for Class 3 Modification to Compliance Plan, identifying final remedial action, approved by TCEQ in January 2007

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Path Forward

- 522 out of 687 total sites have been closed
- All groundwater remedial systems have been installed
- Groundwater cleanup estimated to be completed w/in 15-20 years
- Future corrective actions to treat source area soil contamination at Site MP, Building 301, Building 360, Building 348, Building 324 and Building 522.

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Public Comment Period

8:00pm – 8:15pm

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

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RAB Open Discussion/April 2007 Meeting Agenda

8:15pm – 8:30pm

- RAB Open Discussion
- Meeting Agenda for 10 April 2007
 - Appointment of RAB Cochair

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Adjournment

8:30pm

- Adjournment

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Notes – Upcoming Meetings

■ Next RAB Meeting:

- 10 April 2007, 6:30pm
- Port Authority of San Antonio

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January 8, 2007
Kelly Restoration Advisory Board (RAB)
Selection Panel Meeting

Port Authority of San Antonio
143 Billy Mitchell Blvd., Bldg. 43, Ste. 6
San Antonio, Texas 78226

Meeting Minutes

Selection Panel Members (Present):

Mr. Ruben Peña
Mr. Edward Riojas
Mr. Oscar Sabedra

Selection Panel Members (Absent):

Alfred Rocha, relocated after the Selection Panel convened in Oct. 2006 and was no longer able to participate.

Other Attendees:

Sonja Coderre, Air Force Real Property Agency (AFRPA)
Todd Colburn, AFRPA Contractor
Eddie Martinez, AFRPA Contractor
Jose Martinez, AFRPA Contractor, Facilitator

The meeting began at 5:55 p.m.

I. Introduction – Mr. Martinez

Nomination forms received from all interested Kelly RAB candidates were distributed. A total of five forms were received from the following individuals: Ms. Beverly Abbott; Mr. James Betus; Mr. Rodrigo Garcia, Jr.; Mr. Paul Person; and Mr. Robert Silvas

Mr. J. Martinez began the meeting by explaining his role as the facilitator. He stated the purpose of the meeting was to review the nomination forms, and to develop a list of candidates to submit to AFRPA Cochair, Mr. Adam Antwine.

Mr. Peña asked for clarification on whether the panel had to submit all forms received to the AFRPA cochair, or only individuals the panel felt were qualified candidates. Additionally, Mr. Peña asked if the Final RAB Rule required a minimum number of candidates, and if the Kelly RAB could amend the current Charter to reduce the amount of Kelly RAB members.

In response to questions raised by Mr. Peña, Mr. J. Martinez stated there were no minimum requirements set by the Final RAB Rule to constitute a RAB, and the Selection Panel only needed to submit a list of candidates the panel felt was qualified to serve on the Kelly RAB.

Mr. Riojas suggested nomination forms be revised in the future to include the question, "Why do you want to be a member of the Kelly RAB?" Ms. Coderre stated the nomination form would be updated with the recommended question.

Mr. Colburn led the review of each nomination form, and indicated how each candidate met, or did not meet eligibility requirements as required by the Final RAB Rule. A map of the affected area established by the Kelly RAB was used to determine eligibility for each candidate. Based on the review of nomination forms used in conjunction with the affected area map, panel members determined Ms. Abbott, Mr. Garcia and Mr. Person met eligibility requirements, and Mr. Silvas did not meet eligibility requirements. A discussion took place to determine if Mr. Betus worked within the affected community. It was determined that Mr. Betus currently works in Zone 5, within the affected community.

The Selection Panel members - Mr. Peña, Mr. Riojas and Mr. Sabedra - voted unanimously to nominate Ms. Abbott, Mr. Betus, Mr. Garcia, Jr. and Mr. Person to serve on the Kelly RAB. The list of names submitted to the AFRPA cochair was signed by the Selection Panel members.

Mr. Riojas suggested the AFRPA continue recruiting efforts to fill vacancies on the Kelly RAB in approximately 120 days. Selection Panel members Peña, Riojas and Sabedra agreed to continue their roles as panel members in the future when needed.

The meeting adjourned at 6:25 p.m.

FINAL PAGE

ADMINISTRATIVE RECORD

FINAL PAGE